



# 2015 PRODUCT MANUAL

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2015 产品目录

2015 PRODUCT MANUAL

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山 东 临 工 进 出 口 公 司

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## REVISION NOTE

1. 2015 product manual is updated on December 10, 2014 as bellow:
  - (1) Version code 20141117 is replaced by 20141210 ;
  - (2) Length of pallet fork tines is added or corrected;
  - (3) Length and width of pallet fork (1690200024) are redefined;
  - (4) LG933L HD bucket 1.6m<sup>3</sup> code 1690300072 is replaced by 1690200072;All above four are underlined.
- (4) Information about excavator E635F (if has) is deleted.

## PREFACE

For the convenience of dealer's order on SDLG products and attachments, here is the 2015 edition SDLG product manual.

Product manual covering:

1. Product Range and Model for 2015.
2. Indent Number Illustrations.
3. Product Configurations.
4. Main Parameter of product and engine.
5. Attachment List.

SDLG reserves all copyrights and authority on the manual.

1. The illustrations do not necessarily show the standard version of the machine. Stated dimensions may differ depending on machine configuration.
2. This manual should be treated with confidentiality and used by internal staff and dealers only.
3. Permission from SDLG must be sought prior to circulation of the information contained in this manual.
4. The pictures listed are for reference only. The parameters listed are approximate value. Any requirement for accurate parameters or pictures should consult with SDLG.
5. The final interpretation right of this manual is reserved by SDLG Company.
6. In the process of writing this manual, Lu Sanjiang and Henrik gave us many suggestions, which really help us a lot. Yang Xu, Yin Zhanshan and Jiang Lei also helped us a lot. Appreciate your support sincerely.
7. Abbreviated words in this manual illustration:

GP=General Purpose

HD=Heavy Duty

LM=Light Material

DDE=Dalian Deutz Engine

PR=Ply Rating

A/C=Air Conditioner



## CONFIGURATION LIST INSTRUCTION

1. The indent number listed in this manual is for standard equipments. Optional equipments required from customers should be mentioned especially when placing an order.
2. The indent number listed is recommended model for customers.
3. The Standard is the basic option for this indent number, the fixed and unchangeable equipment. It has complete product SN plate and identification.
4. Customers can choose one or more items from optional items including kinds of buckets and multi-purpose devices. Optional equipments will be produced and sold as independent components, not machines. They have their SN plates, certificates, instruction, packing list and packing, etc.
5. Optional equipments are exclusive or added to basic equipment. According to customers' requirement, they can be changed in or out of company.
6. Those indent numbers without symbol in front means the model machine or substitution equipments are acceptable resource. They can be manufactured when receiving order. Those indent numbers with ☆ in front means the models are order resource. The components should be prepared first when get order. Those indent numbers with □ in front means the models can only be ordered after March 1<sup>st</sup> 2015. Those indent numbers with ■ in front means the models can only be ordered after September 1<sup>st</sup> 2015.
7. Any other configuration not included in this manual need to be assessed by related departments.
8. The products are subject to change, this manual may not show in time.

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## Wheel Loader



LG918



LG933L



LG936L



LG938L



LG946L



LG952H



LG953N



LG956L



LG956N



LG958L



LG958N



L958F



LG959



LG968



LG968N



LG978



LG979



LG989



LG956L(LNG)



LG968(LNG)

## Motor Grader



G9165



G9180



G9190



G9200



G9220

# PRODUCT RANGE



## Road Roller



RS7120

RD7140

RT8180

RP9300

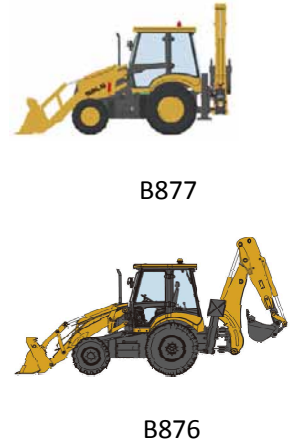
RS8140

RS8160

RS8180

RS8200

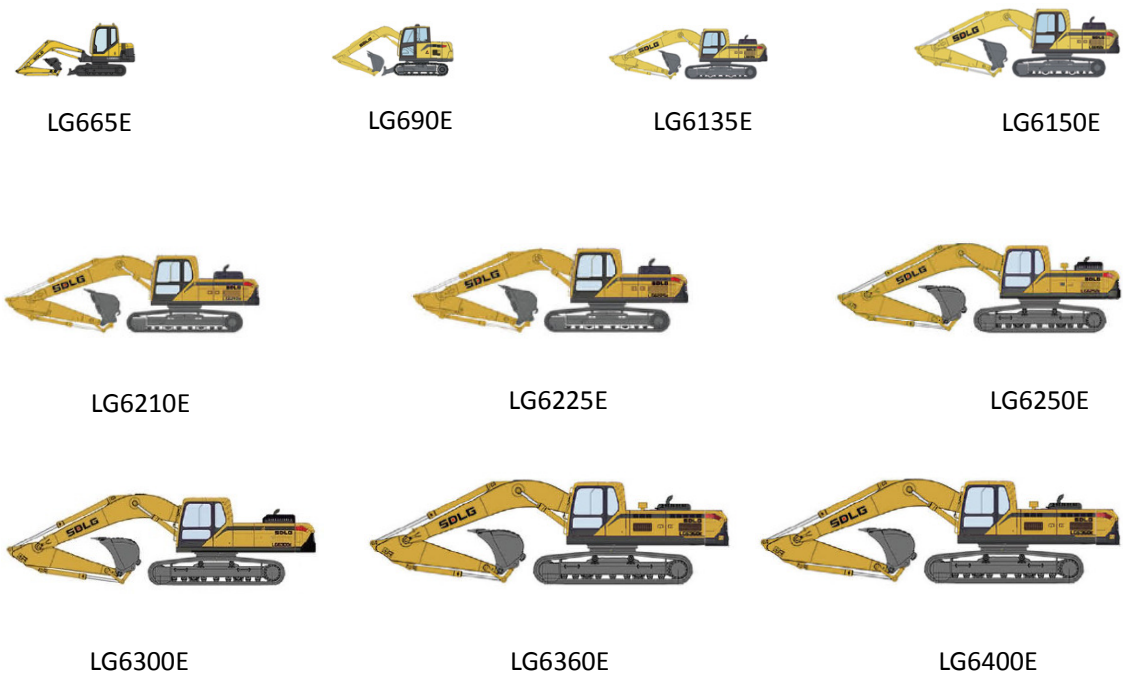
## Backhoe Loader



B877

B876

## Hydraulic Excavator



LG665E

LG690E

LG6135E

LG6150E

LG6210E

LG6225E

LG6250E

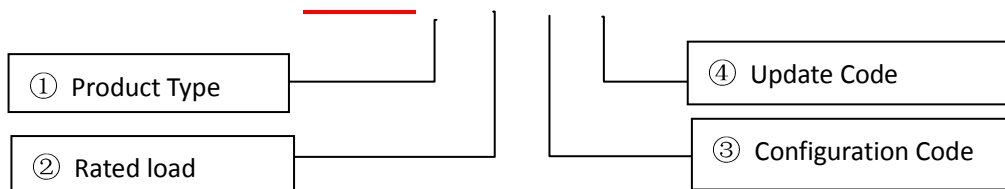
LG6300E

LG6360E

LG6400E

## Wheel loader Model Illustration

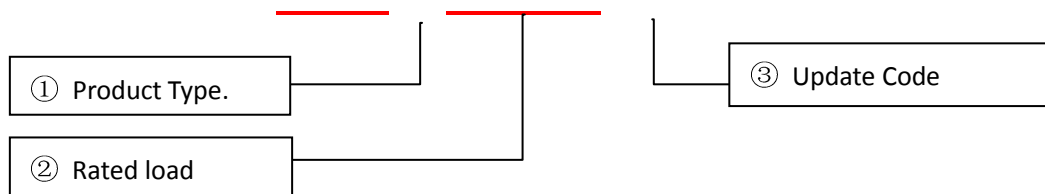
**LG 9 3 6 L**



No.	Code	Explanation	Remark
—	LG	SDLG	
①	9	Wheel loader	
②	3	Rated load	Unit is ton
③	6	Configuration	2&3 low configuration;6, intermediate; 8,9 top grade
④	L	Update code	

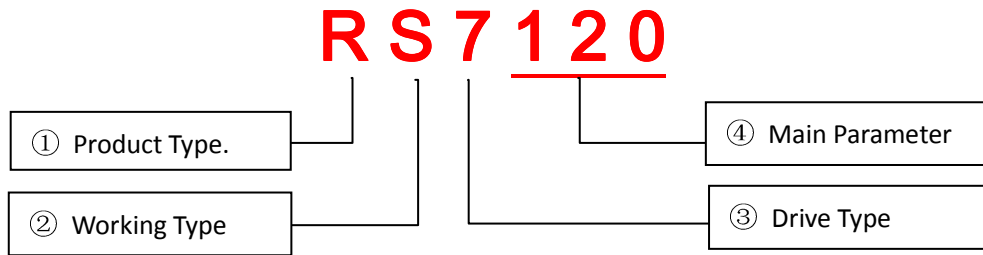
## Excavator Model Illustration

**LG 6 3 6 0 E**



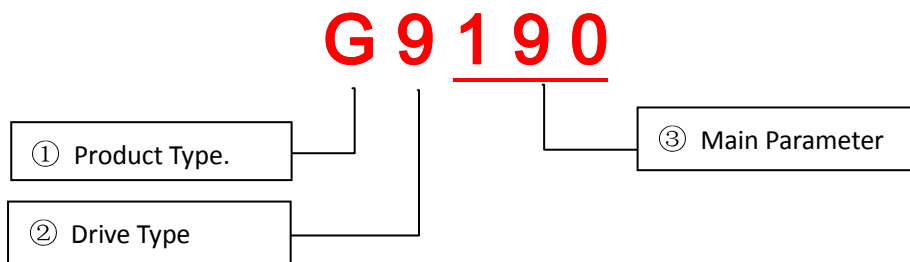
No.	Code	Explanation	Remark
—	LG	SDLG	
①	6	Excavator	
②	360	Ten times of rated load	Unit is ton
③	E	Update code	

## Road Roller Model Illustration



No.	Code	Explanation	Remark
①	R	Road Roller	
②	S	Single Steel Wheel vibration	D, Double Steel Wheels Vibration T, Three Steel Wheels Static Grind P, Pneumatic-tyre Static Grind
③	7	Front And Rear Wheel Full Hydraulic Drive	8 means Mechanical Drive 9 means Hydrodynamic Drive
④	120	Ten times of the operating weight	'140' '160' '180' '200' '300' mean the same with '120', unit is ton.

## Motor Grader Model Illustration



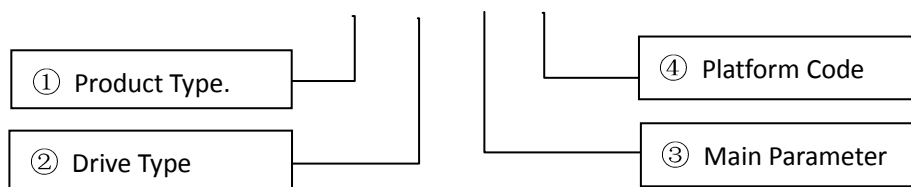
No.	Code	Explanation	Remark
①	G	Motor Grader	
②	9	Hydrodynamic Drive	
③	190	Means the round number of rated engine power	'165' '180' '200' '220' means the same with '190', unit is horse power.

# MODEL ILLUSTRATION



## Backhoe Loader Model Illustration

# B 8 7 7



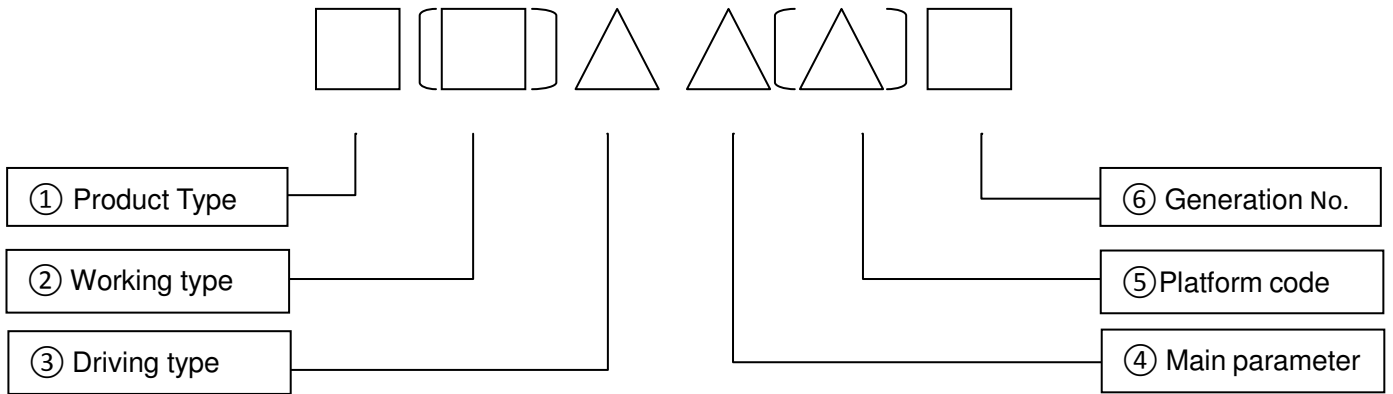
No.	Code	Explanation	Remark
①	B	Backhoe loader	
②	8	Tyre, Hydrodynamic Drive	
③	7	Means the round number of rated engine power divide ten	Unit is kW
④	7	Excavating side: side-shift type; Front wheel steering	6 means Central-positioned , Front wheel steering

Remark : The model RS7120/G9190/B877 are generated according to new generation model, the LG936L& LG6360E style model will come to an end in the future.

# MODEL ILLUSTRATION



## New Generation Model Illustration



Remark: New generation model is composed of not less than 4 numbers and not more than 6 numbers. □ is letter, △ is digit. The number with '[' ]' may not appear if the model don't include working type or platform code, but '[' ]' will not appear if the model include working type or platform code.

### ① Product type

Type	Product
L	Loader
E	Excavator
B	Backhoe loader
G	Motor grader
R	Road roller

### ② Working type

Product type	Working type	Explanation
Road Roller	S	Single steel wheel vibration
	D	Double steel wheels vibration
	T	Three steel wheels static grind
	P	Pneumatic-tyre static grind
	C	Combined type
Excavator	F	Crowd shovel
Wheel Loader	F	Fork loader



# MODEL ILLUSTRATION



## ③ Driving type

Number	Loader	Excavator	Backhoe loader	Motor grader	Road roller
9	Tyre, hydrodynamic	/	Tyre, hydraulic	Hydrodynamic	Hydrodynamic
8	Tyre, mechanical	/	Tyre, hydrodynamic	Mechanical	Mechanical
7	Tyre, hydraulic	Tyre, hydraulic	/	Hydraulic	Hydraulic, dual drive
6	Track shoe, skidding	Track shoe, hydraulic	Track shoe, hydraulic	/	Hydraulic, single drive
5	Tyre, skidding	Track shoe, hydraulic	/	/	/
1	/	/	/	/	Null

## ④ Main parameter

(1) Wheel Loader:

(a) If operating weight is less than 3 tons, the weight (unit is ton) multiply by 10 is main parameter without platform code. For example, L918, '18' means 1.8 tons.

(b) If operating weight is not less than 3 tons, the weight (unit is ton) is main parameter with platform code. For example, L958, '5' means 5 tons, '8' is platform code.

(2) Excavator and Road Roller: The operating weight (unit is ton) multiply by 10 is main parameter.

(3) Motor Grader: The engine power (unit is horse power) is main parameter.

(4) Backhoe Loader : The engine power (unit is kW) divided by 10 is main parameter.

## ⑤ Platform code

(1) While the configuration is becoming more and more advanced, the platform code ranges from 0 to 9 except 4.

(2) Wheel loader that operating weight is less than 3 tons has no platform code. Wheel loader that operating weight is not less than 10 tons adopts platform code 0. For example, L9120F, '12' means 12 tons, '0' is platform code.

(3) Only models of wheel loader and backhoe loader adopt platform code.

(4) Backhoe loader platform code is as bellow:

Digging end type	9	8	7	6	5	4	3	2	1	0
Side-shift type	4-wheel steering		Front wheel steering		Articulated steering		Tyre slid-shift		Track shoe slid-shift	
Central-positioned		4-wheel steering		Front wheel steering		Articulated steering		Tyre slid-shift		Track shoe slid-shift

## ⑥ Generation No.

Capital latin letter from A to Z except I , O and Q.

New product model examples:

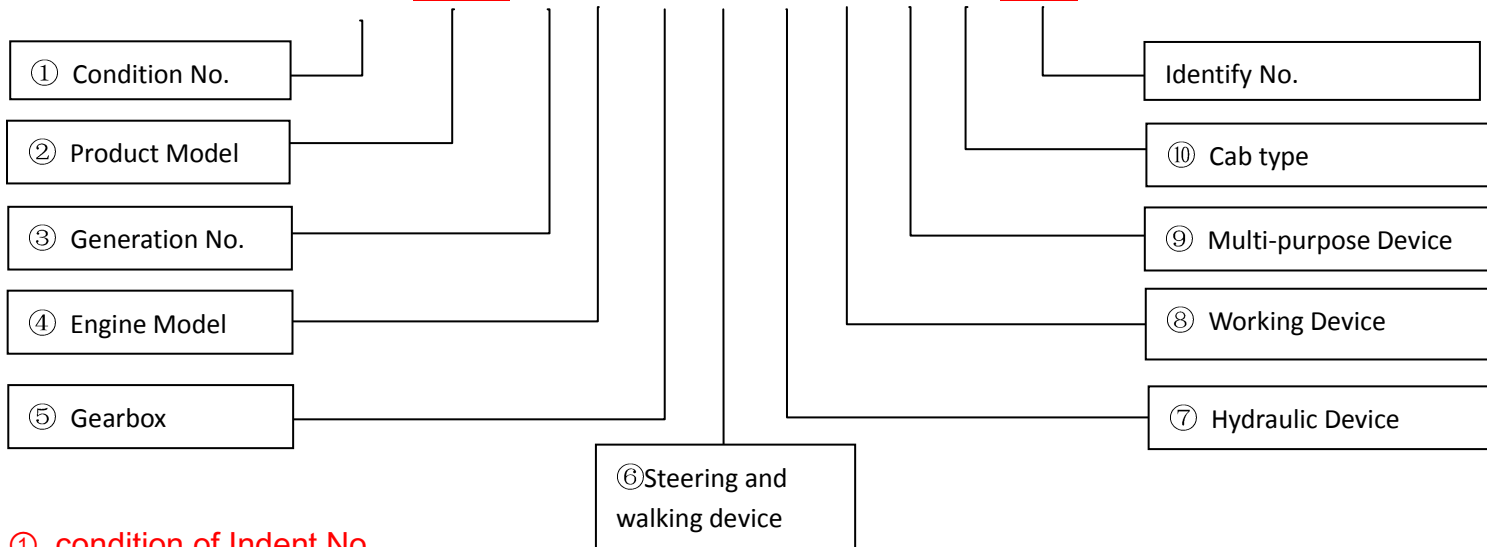
	□	□	△	△	△	□
Roader roller	R	D	7	140		
Motor grader	G		9	190		
Backhoe loader	B		8	7	7	

# INDENT NO. ILLUSTRATION



## Indent No. Illustration of Wheel Loader

**E 5 8 1 6 2 1 5 A 3 9 0 1**



① condition of Indent No

Code	Explanation
E	Export model
C	CE model
No letter	Domestic model

② machine model, For example: 58 means LG958, 36 means LG936.

③ generation No.

④ engine type

Engine No.	Wheel loader/ Rated Loading Capacity (t)				
	1.6-2.5t	3.0t	4.0t	5.0t	6.0t-8.0t
1	—	Yuchai	—	—	—
2	STYER	—	STYER	Weichai	Weichai
3	Weichai	Weichai Deutz	Weichai Deutz	—	—
5	Yuchai	—	—	—	—
6	DDE	DDE	—	DDE	DDE
7	Weichai Deutz	—	Yuchai	Yuchai	—
8	—	Yuchai	—	—	SDLG D13
9	—	—	—	—	—
B	Import Deutz	Import Deutz	Import Deutz	Import Deutz	Import Deutz

# INDENT NO. ILLUSTRATION



## ⑤ gearbox

Gearbox	1.6-2.0t	3.0t	4.5t	5.0t	6.0t	7.0t	8.0t
1	—	SDLG gearbox	SDLG gearbox	SDLG gearbox	—	—	—
2	Shantui gearbox	Hangchi gearbox / Shantui gearbox / ZF gearbox	—	SDLG gearbox /ZF gearbox	SDLG gearbox /ZF gearbox	SDLG gearbox	SDLG gearbox

## ⑥ steering and walking device

NO.	Steering and walking device
1	Caliper disc brake axle, articulated wheel steering
2	Wet brake axle, articulated wheel steering

## ⑦ hydraulic system type

No.	Working Hydraulic system	Steering Hydraulic System	Remark
0	Double rocker arms mechanical operation	Single constant flow	Rocker arm number that not mentioned is single rocker arm; the description of flow not mentioned means constant flow.
1	Mechanical operation	Single constant flow	
2	Mechanical operation	Flow enlarge	
3	Pilot control	Flow enlarge	
4	Mechanical operation	Load sensing	
5	Pilot control	Load sensing	
6	Pilot control	Flow enlarge	

## ⑧ working device

No.	Working Device
A	Standard Lift Arm
B	Eight parallel Linkage Mechanism
G	Lengthen Boom
H	Telescopic Boom
Q	Super Length
R	Short Lift Arm
N	No Lift Arm

## ⑨ multi-purpose device

No.	Multi-purpose Device	Remark
2	Two-joint valve	
3	Three-joint valve	When equipped with quick coupler, wheel loader uses "K"
K	Quick coupler	

## ⑩ cab type

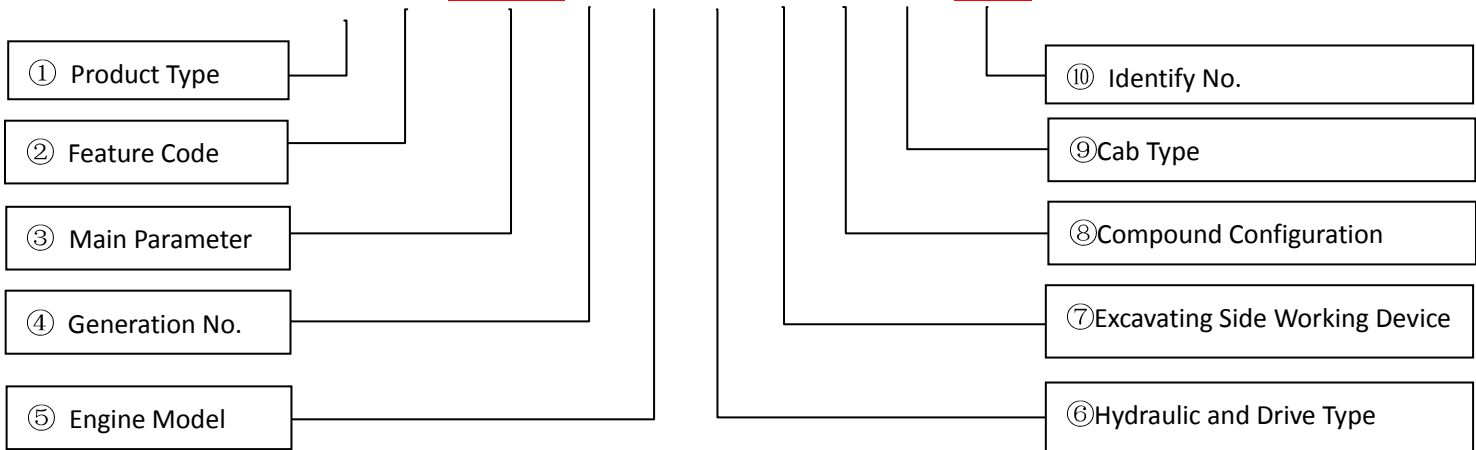
No.	Cab
6	FOPS&ROPS
9	Standard Type

# INDENT NO. ILLUSTRATION



## Indent No. Illustration of Excavator and Backhoe Loader

**6 S 077 0 A 3 E A 3 00**



① excavate machinery

② machinery feature

NO.	Excavating Machinery Feature
0	Crawler Excavator
W	Wheel Excavator
B	Articulated Backhoe Loader
S	Unitized Backhoe Loader

③ main parameter of machinery

- a) The No. of excavating machinery means ten times of the rated operating weight, whose unit is ton.
- b) If the digit is less than 100, add "0" before the digit.

④ product generation

⑤ engine type

No.	Engine Brand	No.	Engine Brand
1	—	7	Isuzu
2	Yanmar	8	Kubota
3	—	9	VOLVO
4	—	A	Weichai Deutz
5	Yuchai	B	Import Deutz
6	DDE		

# INDENT NO. ILLUSTRATION



## ⑥ hydraulic and drive type

No.	Hydraulic And Drive Type		
1	Pilot control	Load Sensing Full Hydraulic System	Hydraulic Drive
2	Pilot control	Constant flow Full Hydraulic System	Hydraulic Drive
3	Mechanical operation	Load Sensing Steering Hydraulic System	Hydrodynamic Drive
4	Pilot control	Negative Flow Full Hydraulic System	Hydraulic Drive
5	Pilot control	Load Sensing Steering Hydraulic System	Hydrodynamic Drive
6	Pilot control	Positive Flow Full Hydraulic System	Hydraulic Drive

## ⑦ excavating side working device

No.	Excavating Side Working Device	Remark
A	Standard Boom + Standard Rod	When equipped with excavating quick coupler, the machinery uses "K".
S	Standard Boom + Short Rod	
L	Standard Boom + Lengthen Rod	
E	Standard Boom + Telescopic Rod	
G	Lengthen Boom	

## ⑧ compound configuration

No.	Compound Configuration	Remark
A	Standard Load Lift Arm	When equipped with loading quick coupler, the machinery uses "K"
G	Lengthen Load Lift Arm	
R	Short Lift Arm	
T	Dozer blade	
0	No Compound Device	Arabic numerals "0"

## ⑨ cab type

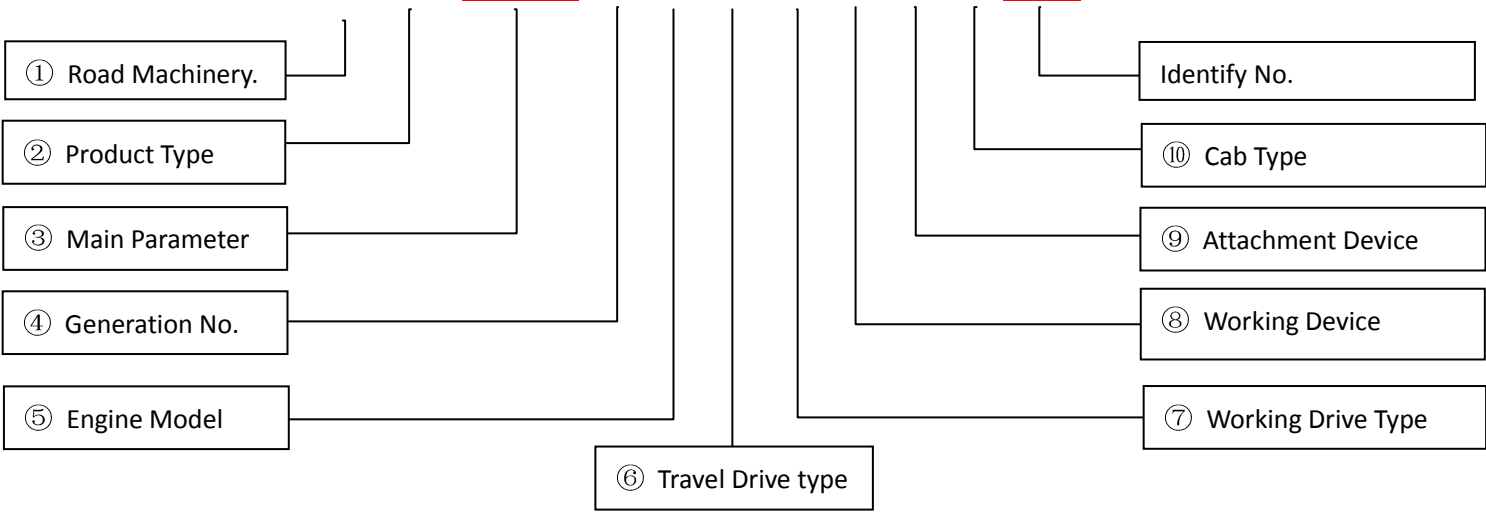
No.	Cab
1	Standard Type
2	Air Condition Type
3	FOPS&ROPS

# INDENT NO. ILLUSTRATION



## Indent No. Illustration of Pavement Construction Machinery

**8 R 120 0 5 6 1 1 0 9 01**



- ① pavement construction machinery
- ② machinery type

NO.	Machinery Type
G	Motor Grader
R	Road Roller

③ main parameter of machinery

- a) The No. of motor grader means rated engine power, whose unit is horsepower.
- b) The No. of road roller means ten times of the rated operating weight, whose unit is ton.
- c) If the digit is less than 100, add "0" before the digit.

- ④ product generation
- ⑤ engine type

Engine No.	Road Roller/ Rated Operating Weight (t)			Motor Grader
	≤5	6~12	≥13	
1	—	—	—	—
2	—	Yuchai	Yuchai	Yuchai
3	—	—	—	—
4	—	Weichai Deutz	Weichai Deutz	Weichai Deutz
5	—	DDE	DDE	DDE
6	Yanmar	Yanmar	—	—
7	—	Import Deutz	Import Deutz	Import Deutz
8	—	SDLG	SDLG	SDLG
9	Kubota	Kubota	—	—

# INDENT NO. ILLUSTRATION



## ⑥ travel drive type

No.	Travel Drive	
	Road Roller	Motor Grader
1	Rear-Wheel Mechanical Drive	Rear-Wheel Mechanical Drive
2	Rear-Wheel Hydrodynamic Drive	Rear-Wheel Hydrodynamic Drive
3	Rear-Wheel Hydraulic Drive	Rear-Wheel Hydraulic Drive
4	—	Front-Wheel Hydraulic, Rear Four Wheels Mechanical Drive
5	—	Front-Wheel Hydraulic, Rear Four Wheels Hydrodynamic Drive
6	Front And Rear Wheel Full Hydraulic Drive	Front And Rear Six Wheels Full Hydraulic Drive
7	Walk-Behind Hydraulic Drive	—
8	Towed	—

## ⑦ working drive type

No.	Working Drive	
	Road Roller	Motor Grader
0	No Working Hydraulic Drive	Open Loop Mechanical operation
1	Closed Loop Working Hydraulic	Load sensing Mechanical operation
2	Open Loop Working Hydraulic	Load sensing Pilot control

## ⑧ working device

No.	Road Roller	Motor Grader
1	Single Steel Wheel vibration	Basic configuration
2	Monolithic dual steel wheels vibration	—
3	Steel Wheel Static Grind	—
4	Split-Type Dual Steel Wheel Vibration	—
5	Tyre Static Grind	—
6	Single Steel Wheel Tract Vibration	—
7	Backfill	—
8	Impact	—
9	Vibration	—

## ⑨ attachment device

No.	Road Roller	Motor Grader
0	No Front And Rear Attachment Device	No Front And Rear Attachment Device
1	Leveling Blade	Dozer Blade/ Snow Blade
2	Leveling Blade+ Scarifier	Dozer Blade + Rear Scarifier
3	Scarifier	Rear Scarifier
4	—	Front Scarifier
5	—	Front Scarifier + Middle Scarifier

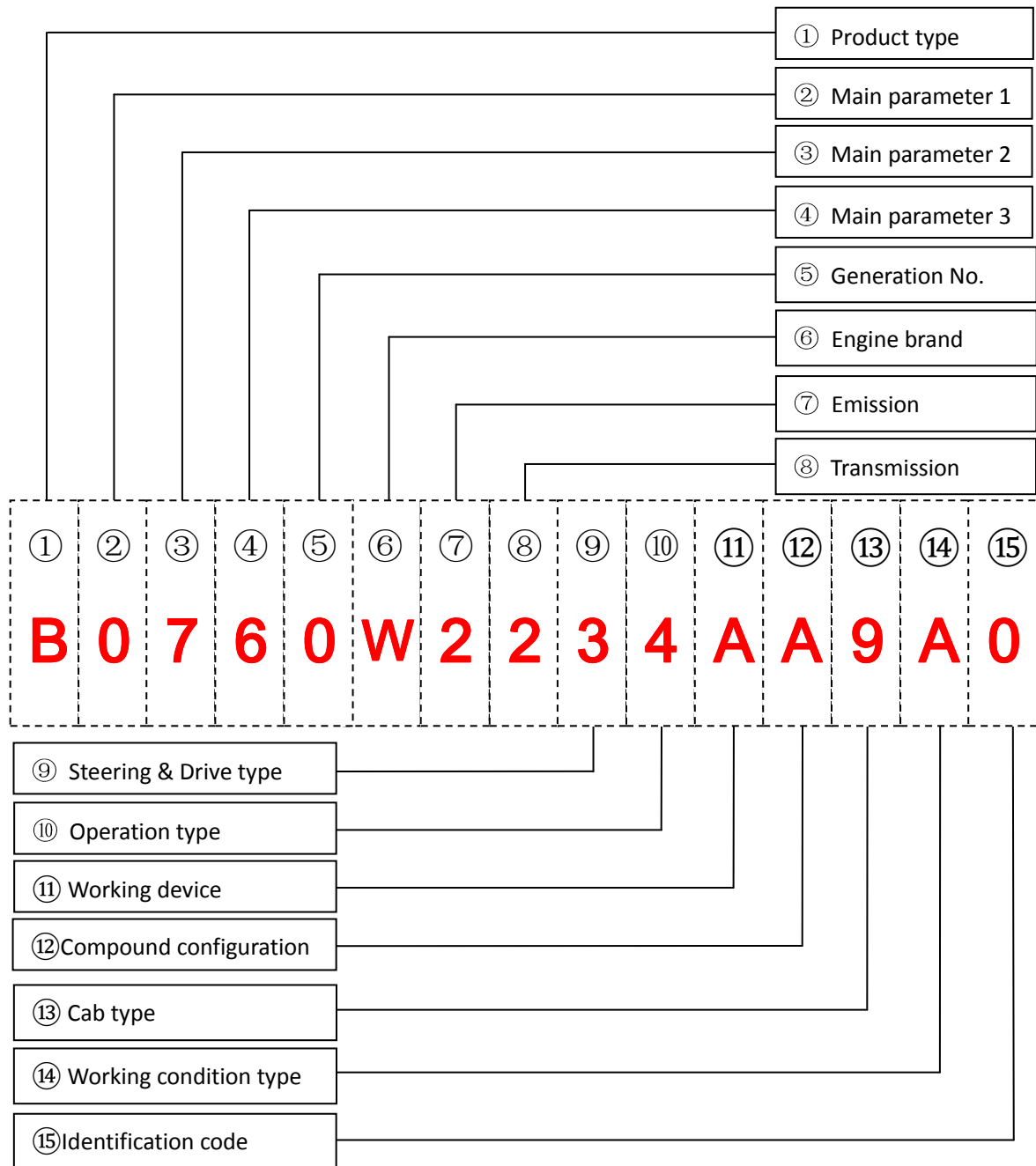
## ⑩ cab type

No.	Cab
6	FOPS&ROPS
9	Standard Type

# INDENT NO. ILLUSTRATION



## New Generation Indent No. Illustration



### ① Product type

Type	Product
L	Loader
E	Excavator
B	Backhoe loader
G	Motor grader
R	Road roller



②③④ Main parameter/platform code combination. It is generated according to rules

bellow:

(1) Without platform code in model, the combination is composed of 3 main parameters, if the number of main parameters is less than 3, add '0' before. For example, R140, E035, '140' and '35' are main parameters.

(2) With platform code in model, the combination is composed of 2 main parameters and platform code, if the number of main parameters is less than 2, add '0' before. For example, L058, the '5' is main parameter, '8' is platform code.

(3) Platform code comes from new generation model illustration.

⑤ Generation No. It comes from model.

⑥ Engine brand

Number	Brand	Number	Brand
C	Cummins	M	Yanmar
D	Deutz	S	Shangchai Engine
F	Dongfeng Cummins Engine	V	VOLVO
H	Huafeng Engine	W	Weichai Engine
K	Kubota	X	Xinchai Engine
L	Dalian Deutz Engine	Y	Yuchai Engine

⑦ Emission

Number	Emission
1	/
2	Diesel engine, Emission tier II
3	Diesel engine, Emission tier III
4	Diesel engine, Emission tier IV
5	Diesel engine, Emission tier V
6	Diesel engine, Emission tier VI
C	CNG
L	LNG
E	Electric

# INDENT NO. ILLUSTRATION



## ⑧ Transmission

Number	Loader	Backhoe loader	Excavator	Motor grader	Road roller
0	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
1	Planetary gearbox, hydrodynamic	/	/	Front wheel hydraulic, 4-rear wheel mechanical	/
2	Fixed shaft gearbox, hydrodynamic	Hydrodynamic	Hydrodynamic	Hydrodynamic	Hydrodynamic
3	Mechanical +hydraulic (CVT gearbox)	/	/	Front wheel hydraulic, 4-rear wheel hydrodynamic	/
4	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
5	Hydraulic hybrid transmission	/	/	/	/
9	/	/	/	/	Electrical

## ⑨ Steering & Drive type

Number	Loader	Backhoe loader	Excavator	Motor grader	Road roller
0	/	/	/	/	Towed roller
1	Articulated steering, front and rear wheel drive, dry brake axle	Articulated steering, front and rear wheel drive	/	/	Articulated steering, front and rear wheel drive
2	Articulated steering, front and rear wheel drive, wet brake axle	/	/	2-rear wheel drive	Articulated steering, rear wheel drive
3	Articulated steering, 4-wheel drive, LSD dry brake axle	Front and rear wheel steering& drive	Front and rear wheel steering& drive	/	/
4	Rear mechanical steering, front wheel drive	/	/	4-rear wheel drive	/
6	Rear wheel hydraulic steering, front wheel drive	Rear wheel steering, front wheel drive	Rear wheel steering, front wheel drive	All wheel drive	Front axle steering, rear wheel drive
7	Skid-steering	/	/	/	/
8	Track shoe skid-steering	Track shoe drive	Track shoe drive	/	/

## ⑩ Operation type

Number	Loader	Backhoe loader	Excavator	Motor grader	Road roller
0	/	/	Mechanical operation	/	Null hydraulic system
1	/	/	Pilot control, load sensing	/	Closed loop hydraulic
2	/	/	/	/	Open loop hydraulic
4	Mechanical operation	Mechanical operation	Pilot control, Negative flow	Mechanical operation	Walk behind
5	Pilot control, constant	Pilot control, constant	Pilot control, throttling	Pilot control	/
6	Pilot control, variable	Pilot control, variable	Pilot control, positive flow	/	/
7	Electronic and pilot control, constant	Electronic and pilot control, constant	Electronic and pilot control, constant	Electronic and pilot control	/
8	Electronic and pilot control, variable	Electronic and pilot control, variable	Electronic and pilot control, variable	/	Telecontrol

# INDENT NO. ILLUSTRATION



## ⑪ Working device

Number	Loader	Backhoe loader & Excavator	Motor grader	Road roller
1	/	/	General equipment	Single steel drum vibration
2	/	/	/	Integrated dual steel drums vibration
3	/	/	/	Steel static grind
4	/	/	/	Split type dual steel drum vibration
5	/	/	/	Tyre static grind
7	/	/	/	Back filled
A	Standard boom	Standard boom+ GP rod <sup>a</sup>	/	/
B	8-linkage rod	/	/	/
D	/	Down-hole drill	/	/
G	Lengthen boom	Long boom	/	/
H	Telescopic boom	/	/	/
M	Special for log grapple	/	/	/
F	Special for fork loader	/	/	/
N	No boom	/	/	/
Q	Super length boom	/	/	/
R	Short boom	/	/	/
S	/	Standard boom+ short rod	/	/
L	/	Standard boom+ long rod	/	/
E	/	Standard boom+ telescopic rod	/	/

a : use K when equipped with digging quick coupler.

# INDENT NO. ILLUSTRATION



## ⑫ Compound configuration

Number	Loader	Backhoe loader	Excavator	Motor grader	Road roller
0	/	/	Null	Null	Null
2	2-joint valve	/	/	/	/
3	3-joint valve <sup>a</sup>	/	/	/	/
4	4-joint valve	/	/	/	/
K	Quick coupler	/	/	/	/
T	/	/	Dozer blade	/	/
A	/	Standard loading boom <sup>b</sup>	/	/	/
G	/	Lengthen loading boom	/	/	/
R	/	Short loading boom	/	/	/

a : use K when equipped with quick coupler ; b:use K when equipped with loading quick coupler.

## ⑬ Cab type

Number	Cab type
0	No cab and & driving shack
2	ROPS frame
3	General driving shack
4	ROPS driving shack
6	ROPS & FOPS cab
9	Standard cab

## ⑭ Condition No.

Number	Condition	Number	Condition
D	Desert	T	Underground
F	Forest	W	Wet and hot or wet land
H	High height above sea level	X	Dry and hot
L	Cold	C	EC directives
M	Mine	E	Export except above conditions
R	Sanitation	A	Except all above conditions

# CONFIGURATION LIST



## Model: LG918

Indent number			E1805215 A39	E1805215 AK9	□E18 15215A36	□E18 15215AK6	1805214A 2909
Standard	Engine	Yuchai YC4D80-T20	✓	✓	✓	✓	✓
	Transmission system	Fixed shaft gearbox, SDLG axle	✓	✓	✓	✓	✓
	Hydraulic system	Mechanical operation loading-sensing					✓
		Pilot control	✓	✓	✓	✓	
	Boom	Standard boom	✓	✓	✓	✓	✓
	Control valve	2-joint valve					✓
		3-joint valve	✓	✓	✓	✓	
	Brake system	Dual brake pedal	✓	✓	✓	✓	
	Cab	Standard cab	✓	✓			✓
		FOPS&ROPS			✓	✓	
	Cooling/Heating system	A/C(2935001173)			✓	✓	
		A/C(2935000949)	✓	✓			
		Heater					✓
	Quick coupler	Quick coupler		✓		✓	
	Others	Starting Interlocking	✓	✓	✓	✓	
		Engine tachometer	✓	✓	✓	✓	
		Hose for inflating type	✓	✓	✓	✓	
Fuel tank lock		✓	✓	✓	✓		
Tiltable steering column		✓	✓	✓	✓		
Radio				✓	✓		
Rotating beacon				✓	✓		
Attachment	Name	Code					
	GP bucket 1.0m <sup>3</sup>	1690300015	●		●		●
	HD bucket 1.2m <sup>3</sup> (with weld bucket teeth, wear plate)	1690300034	○		○		
	LM bucket 1.4m <sup>3</sup>	☆1690300001	○		○		○
	Muli-purpose bucket 0.9m <sup>3a</sup>	☆1690300007	○		○		
	Pallet fork	☆1690300008	○		○		○
	HD bucket 1.0m <sup>3</sup>	1690300035					○
	LG920 Log Grapple (dual above clamp, width 1149mm, open size 1830mm)	1690300043	○		○		
	Quick coupler GP bucket 1.0m <sup>3</sup>	1690300016		●		●	
	Quick coupler LM bucket 1.4m <sup>3</sup>	☆1690300013		○		○	
	Quick coupler multi-purpose bucket 0.9m <sup>3a</sup>	☆1690300011		○		○	
	Quick coupler pallet fork	☆1690300009		○		○	

Continue →

# CONFIGURATION LIST



## Model: LG918

	Name	Code				
	Optional	16 PR tubeless tyre <sup>d</sup> (replace tube tyre)	2907000914 (2907000652)	△	△	△
License plate (replace rear turning light hood)		2934001956 (2934000695)	△	△		
GP bucket body + wear plate (replace GP bucket)		2917000861+29170042 06 (1690300015)	△		△	△
Yuchai air conditioner (replace heater)		2935000905 (2935000904)				△
GP bucket body + wear plate (replace quick coupler GP bucket)		2917003157+29170042 06 (1690300016)		△		△
Without cab module(with cab module)		2929000966 (2929000965)				△
		2929002094 (2929002093)	△	△		
Donaldson air filter (918 standard Yuchai air filter module)		2901002351 (2901002427)				△
Hangchi DB55 transmission (standard Shantui transmission module)		2905002175 (2905002245)				△
Cold region coolant and hydraulic oil module(26/93) (coolant and hydraulic oil module(26/93))		2940000081 (2940000054)				△
Pilot control with dual handle (pilot control with single handle)		2912002249 (2912002250)	△	△	△	△
High temperature condition hydraulic oil module viscosity 68(97L) (normal hydraulic oil module viscosity 46(97L))		2940000149 (2940000148)	△		△	
High temperature condition hydraulic oil module viscosity 68(99L)(normal hydraulic oil module viscosity 46(99L))		2940001355 (2940001354)		△		△
Cold region coolant and hydraulic oil module(26/97) ( coolant and hydraulic oil module(26/97))		2940000082 (2940000055)	△		△	
Cold region coolant and hydraulic oil module(26/99) ( coolant and hydraulic oil module(26/99))		2940000084 (2940000106)		△		△

	Name	Code				
	Optional	The third hydraulic connection <sup>c</sup>	2912001542	◇		
The third hydraulic connection <sup>c d</sup>		2912002487	◇	◇		
LM bucket wear plate		2917003597	◇	◇	◇	◇
YC4D80 preheating system		2901001378	◇	◇		◇

**Remark:**

- a. The machine with this option must be equipped with third connection;
- b. Normal tubeless tyre means construction machines bias tyre;
- c. The third connection includes the pilot control valve and pipes to master valve , pipes from master valve to boom;
- d. Special for Australia

# MAIN PARAMETER




## PRODUCT MODEL: LG918 ( Yuchai Engine)



ENGINE MODEL	YC4D80-T20				
RATEDPOWER/SPEED	58 kW 2400r/min				
TRANSMISSION	Fixed Shaft Gearbox				
AXLE	SDLG axle				
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control				Mechanical operation
QUICK COUPLER	No	No	Yes	Yes	No
RATED LOAD (kg)	1800	1800	1800	1800	1800
MAX. DUMPING HEIGHT (mm)	2510	2510	2510	2510	2510
LOAD CYCLE TIME (s)	≤9.1	≤9.1	≤9.1	≤9.1	≤9.1
MAX.BREAKOUT FORCE (kN)	≥58	≥58	≥58	≥58	≥58
DIMENSION (L×W×H) (mm)	5798×2140×2920	5790×2140×2920	5798×2140×2920	5790×2140×2920	5798×2140×2920
OPERATINGWEIGHT(kg)	6200	6680	6200	6800	6200
INDENT NUMBER	E1805215A39	E1815215A36	E1805215AK9	E1815215AK6	1805214A2909

## CONFIGURATION: ENGINE



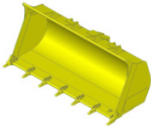
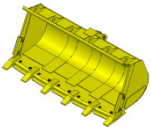
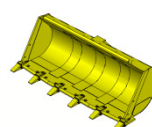
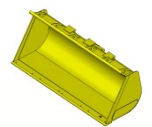
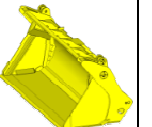

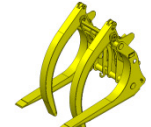
Brand & Photo	Yuchai			
Model	YC4D80-T20	Fuel type	Diesel	
Type	Inline, water-cooling, four-stroke, direct injection	Rated speed (r/min)	2400	
Rated power (kW)	58	Rated fuel consumption (g/kW·h)	235	
Displacement (ml)	4214	Number of cylinders	4	
Intake system	Air intake	Cylinder diameter/stroke (mm)	108/115	
Compression ratio	17.5 : 1	Emission	Tier II	
Idle speed(r/min)	800~850	Maximum torque (N·m)	265	
Net weight(kg)	480kg (Include accessory)			

# ATTACHMENT LIST



**For Model: LG918**



Option								
Name	GP bucket	HD bucket (With weld teeth and wear plate)	HD Bucket	LM bucket	Multi-purpose Bucket	Pallet Fork	LG920 Log grapple (dual above clamp, width 1149mm, open size 1830mm)	
Code	1690300015	1690300034	1690300035	1690300001	1690300007	1690300008	1690300043	
Bucket capacity (m <sup>3</sup> )	1.0	1.2	1.0	1.4	0.9	<u>length of the tines 1000mm</u>	/	
Attachment Weight (kg)	470	792	658	550	614	518	654	
Attachment dimension (mm)	L	2140	2220	2220	2320	2128	1645	1149
	W	1040	1207	1100	1036	957	1438	1861
	H	938	998	950	1003	888	1050	1498
Rated load(t)	1.8	1.8	1.8	1.8	1.6	/	1.8	
Max. dumping height(mm)	2510	2430	2495	2410	2507	2530	1954	
Dumping distance(mm)	920	1000	935	1020	943	1550	1734	
Min. turning radius (attachment)(mm)	5082	5215	5190	5210	5068	5060	5067	
Overall dimension of WL(mm)	L	5798	5965	5860	5795	5788	6350	6753
	W	2140	2220	2220	2320	2128	2040	2040
	H	2920	2920	2920	2920	2920	2920	2920
Min. turning radius (tyre)(mm)	4546	4546	4546	4546	4546	4546	4546	
Max. breakout force (kN)	≥58	≥49	≥56	≥48	≥58	/	≥25	
Operating weight(kg)	6200	6522	6386	6280	6350	6238	6753	
Indent number	E1805215A39/E1815215A36/1805214A2909							

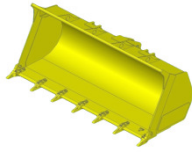
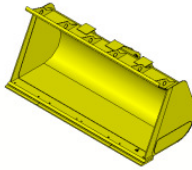
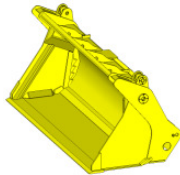



# ATTACHMENT LIST



**For Model: LG918**



Option				
Name	Quick Coupler GP Bucket	Quick Coupler LM Bucket	Quick Coupler Multi-purpose Bucket	Quick Coupler Pallet Fork
Code	1690300016	1690300013	1690300011	1690300009
Bucket capacity (m <sup>3</sup> )	1.0	1.4	0.9	<u>length of the tines</u> <u>1000mm</u>
Attachment Weight (kg)	473	662	613	518
Attachment dimension(mm)	L	2140	2320	2128
	W	1047	1088	956
	H	934	1023	887
Rated load(t)	1.8	1.8	1.6	/
Max. dumping height(mm)	2510	2410	2516	2539
Dumping distance(mm)	920	1020	954	1557
Min. turning radius (attachment)(mm)	5082	5230	5068	5118
Overall dimension of WL(mm)	L	5798	5940	5798
	W	2140	2320	2128
	H	2920	2920	2920
Min. turning radius(tyre)(mm)	4546	4546	4546	4546
Max. breakout force (KN)	≥58	≥48	≥58	/
Operating weight(kg)	6200	6390	6350	6250
Indent number	E1805215AK9/E1815215AK6			

# CONFIGURATION LIST



## Model : LG933L

Indent number			3313214A29
Standard	Engine	Weichi Deutz WP6G125E23	√
	Transmission system	Fixed shaft gearbox, SDLG axle	√
	Hydraulic system	Mechanical operation load-sensing steering	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	Standard cab	√
	Cooling/Heating system	Heater	√
Attachment	Name	Code	
	GP bucket 1.8m <sup>3</sup> (standard arm)	1690200030	●
	HD bucket 1.8m <sup>3</sup>	1690200067	○
	HD bucket 2.0m <sup>3</sup> (with weld bucket teeth , wear plate)	1690200070	○
	HD bucket1.6m <sup>3</sup>	<u>1690200072</u>	○
	GP bucket 1.6m <sup>3</sup> ( lengthen arm)	1690200031	○
	LM bucket 2.2m <sup>3</sup>	1690200002	○
	LM bucket2.5m <sup>3</sup>	1690200001	○
	LM bucket3.0m <sup>3</sup>	1690200009	○
	LG93X LM bucket (2.5m <sup>3</sup> ; bucket width 2510mm)	1690200081	○
	Rock bucket 1.5m <sup>3</sup>	1690200003	○
	LG93X Rock bucket (1.8m <sup>3</sup> , width removable bucket teeth)	1690200082	○
	Pallet fork(1.8m)	1690200024	○
Coal dozer	1690200038	○	
Optional	Name	Code	
	12PR L3 tubeless tyre (replace tube tyre)	2907001070 (4190000413+4110000003)	△
	Tubeless "herring-bone" shape pattern tyre (replace tube tyre)	2907001861 (4190000413+4110000003)	△
	Tube tyre 17.5-25-16PRTT E-2/L-2 (replace tube tyre GB2980-17.5-25)	4110002032 (4110000003)	△
	Desert type tyre (replace standard tyre)	4110001894 (4110000003)	△
	20PR tyre 17.5-25-20PR-L3 (tyre GB2980-17.5-25)	4110002528 (4110000003)	△
	Low temperature booting cab <sup>a</sup> (replace cab assembly)	2929001191 (2929001162)	△
	without cab module (replace cab assembly)	2929000928 (2929000929)	△
	Large pitch of convolution cooling module (standard cooling module)	2903002516 (2903002543)	△
	Deutz A/C (replace heater)	2935000923 (2935000859)	△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△
	GP bucket +wear plate (replace standard arm GP bucket )	2917003684+2917004209 (1690200030)	△
Cold region coolant and hydraulic oil module(26/136) ( replace coolant and hydraulic oil module(26/136)	2940000087 (2940000060)	△	
Optional	Name	Code	
	LM bucket wear plate	2917003242	◇
	LG933L(Weichai) oil bath type air filter	2901004288	◇
Remark : a. The machine with 3-joint valve must be equipped with third connection ; b. The machine with cold boot system must be equipped with this option.			

# MAIN PARAMETER




## PRODUCT MODEL: LG933L ( Weichai Deutz Engine)



ENGINE MODEL	Engine WP6G125E23
RATED POWER/SPEED	92 kW 2300r/min
TRANSMISSION	Fixed shaft gear box + Forward IV / Reverse II
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Mechanical operation Load-sensing steering
QUICK COUPLER	No
RATED LOAD (kg)	3000
MAX. DUMPING HEIGHT(mm)	2950
LOAD CYCLE TIME (s)	≤9.2
MAX.BREAKOUT FORCE (KN)	≥96
DIMENSION (L×W×H) (mm)	6970×2510×3087
OPERATING WEIGHT(kg)	10200
IDENT NUMBER	3313214A29



## CONFIGURATION: ENGINE

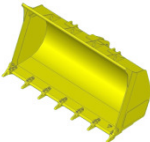
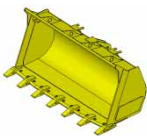
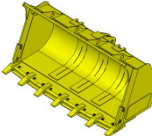
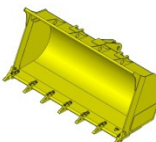
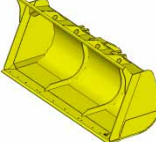
Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G125E23	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2300
Rated power (kW)	92	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	Tier II
Idle speed(r/min)	750±50	Maximum torque (N·m)	500
Net weight(kg)	750 (Include accessory)		

# ATTACHMENT LIST



**For Model: LG933L**



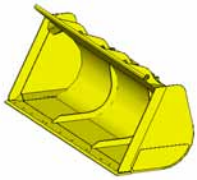

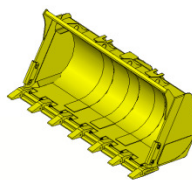
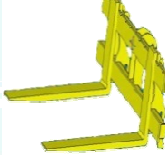
Option						
Name	Standard arm GP bucket 1.8m <sup>3</sup>	HD bucket 1.8m <sup>3</sup> (reinforced)	HD bucket 2.0m <sup>3</sup> (with weld bucket teeth, wear plate)	Lengthen arm GP bucket 1.6m <sup>3</sup>	LM bucket 2.2m <sup>3</sup>	
Code	1690200030	1690200067	1690200070	1690200031	1690200002	
Bucket capacity (m <sup>3</sup> )	1.8	1.8	2.0	1.6	2.2	
Attachment Weight (kg)	755	902	1156	740	872	
Attachment dimension(mm)	L	2520	2580	2520	2915	
	W	1241	1346	1201	1132	
	H	1155	1155	1209	1130	1152
Rated load(t)	3.0	3.0	3.0	3.0	3.0	
Max. dumping height(mm)	2950	2910	2855	2978	2925	
Dump distance(mm)	1050	1090	1145	1022	1074	
Min. turning radius (attachment)(mm)	5882	5995	6015	5934	6090	
Overall dimension of WL(mm)	L	6970	7074	7151	6930	6860
	W	2520	2580	2580	2520	2915
	H	3087	3087	3087	3087	3087
Min. turning radius (tyre)(mm)	5349	5349	5349	5349	5349	
Max. breakout force (KN)	≥96	≥90	≥83	≥100	≥92	
Operating weight(kg)	10200	10347	10600	10185	10317	
Indent number	3313214A29					

# ATTACHMENT LIST



For Model: **LG933L**



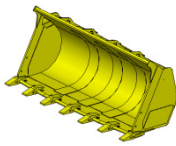
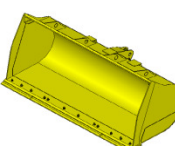
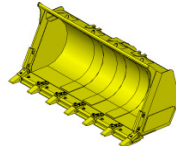
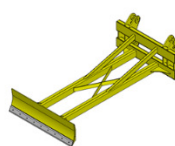
Option				
Name	LM bucket 2.5m <sup>3</sup>	LM bucket 3.0m <sup>3</sup>	Rock bucket 1.5m <sup>3</sup>	Pallet fork (1.8m)
Code	1690200001	1690200009	1690200003	1690200024
Bucket capacity (m <sup>3</sup> )	2.5	3.0	1.5	<u>length of the tines</u> <u>1800mm</u>
Attachment Weight (kg)	929	1183	1022	726
Attachment dimension(mm)	L	2915	2915	<u>1796</u>
	W	1212	1399	<u>2241</u>
	H	1200	1294	865
Rated load(t)	3.0	3.0	3.0	/
Max. dumping height(mm)	2870	2784	2996	2533
Dumping distance(mm)	1130	1215	1003	2210
Min. turning radius (attachment)(mm)	6110	6166	5930	6131
Overall dimension of WL(mm)	L	6940	7100	7970
	W	2915	2915	2510
	H	3087	3087	3087
Min. turning radius (tyre)(mm)	5349	5349	5349	5349
Max. breakout force (KN)	≥84	≥75	≥104	/
Operating weight(kg)	10374	10628	10467	10171
Indent number	3313214A29			

# ATTACHMENT LIST



**For Model: LG933L**



Option				
Name	HD bucket 1.6m <sup>3</sup>	LG93X LM bucket (2.5m <sup>3</sup> ; width 2510mm)	LG93X rock bucket (1.8m <sup>3</sup> , with removable bucket tooth)	Coal dozer
Code	1690300072	1690200081	1690200082	1690200038
Bucket capacity (m <sup>3</sup> )	1.6	2.5	1.8	/
Attachment Weight (kg)	939	952	1049	440
Attachment dimension(mm)	L	2580	2510	3149
	W	1269	1282	1211
	H	1133	1287	680
Rated load(t)	3.0	3.0	3.0	/
Max. dumping height(mm)	2968	2746	2950	/
Dumping distance(mm)	1032	1135	1050	/
Min. turning radius (attachment)(mm)	5976	6021	5970	7010
Overall dimension of WL(mm)	L	7000	7141	8880
	W	2580	2510	2310
	H	3087	3170	3087
Min. turning radius (tyre)(mm)	5349	5381	5349	5349
Max. breakout force (KN)	≥98	≥76	≥96	/
Operating weight(kg)	10384	11097	10494	9890
Indent number	3313214A29			

# CONFIGURATION LIST



## Model : LG936L

Indent number			E3623 115A36	E3623 115AK6	E3623 115A39	E3623 115AK9	E3626 115A39	□3623 115A29
Standard	Engine	Weichai deutz WP6G125E22	√	√	√	√		√
		DDE BF6M2012(T3)					√	
	Transmission system	SDLG gearbox	√	√	√	√	√	√
		SDLG axle						
	Hydraulic system	Pilot control	√	√	√	√	√	√
	Boom	Standard boom	√	√	√	√	√	√
	Control valve	2-joint valve						√
		3-joint valve <sup>9</sup>	√	√	√	√	√	
	Brake system	Dual brake pedal	√	√	√	√	√	
	Cab <sup>f</sup>	Standard			√	√	√	√
		FOPS&ROPS	√	√				
	Cooling/Heating system	Heater						√
		A/C(2935001036)	√	√	√	√		
		A/C(2935001044)					√	
	Quick coupler	Quick coupler		√		√		
	Others	Start interlocking	√	√	√	√	√	
		Engine Tachometer	√	√	√	√	√	
		Fuel tank lock	√	√	√	√	√	
		Hose for Inflating tyre	√	√	√	√	√	
		Tiltable steering column	√	√	√	√	√	
Radio		√	√	√	√	√		
Rotating beacon		√	√					

Continue →

# CONFIGURATION LIST



## Model : LG936L

Indent number		E3623 115A36	E3623 115AK6	E3623 115A39	E3623 115AK9	E3626 115A39	□3623 115A29
Attachment	Name	Code					
		Standard arm GP bucket 1.8m <sup>3</sup>	●		●		●
	GP bucket 1.8m <sup>3</sup> (reinforced)	○		○		○	○
	GP bucket 1.6m <sup>3</sup> (lengthen arm)	○		○		○	○
	HD bucket 1.6m <sup>3</sup>	○		○		○	○
	HD bucket 2.0m <sup>3</sup> (with weld bucket teeth、wear plate)	○		○		○	○
	LM bucket 2.2m <sup>3e</sup>	○		○		○	○
	LM bucket 2.5m <sup>3e</sup>	☆1690200001	○	○		○	○
	LM bucket 2.5m <sup>3</sup> (Special for India)	☆1690200050	○	○		○	
	LM bucket 3.0m <sup>3e</sup>	1690200009	○	○		○	○
	Rock bucket .2m <sup>3</sup> (Special for India)	☆1690200048	○	○		○	
	Rock bucket 1.5m <sup>3</sup>	1690200003	○	○		○	○
	LG93X LM bucket (2.5m <sup>3</sup> ; width 2510mm)	1690200081	○	○		○	○
	LG93X LM bucket (1.8m <sup>3</sup> , with removable bucket teeth)	1690200082	○	○		○	○
	Coal dozer	1690200038					○
	Multi-purpose bucket 1.8m <sup>3 a</sup>	☆1690200010	○	○		○	
	Side dumping bucket 1.4m <sup>3 a</sup>	☆1690200040	○	○		○	
	Pallet fork (1.8m)	☆1690200024	○	○		○	○
	Log grapple (dual above clamp,width1814mm,open size 1619mm) <sup>a</sup>	1690200004	○	○		○	
	Log grapple (dual above clamp,width1923mm,open size 1637mm) <sup>a</sup>	☆1690200035	○	○		○	
	Grass grapple(width 2400mm,length 1728mm,open size 2592mm) <sup>a</sup>	1690200005	○	○		○	
	Light snow blade <sup>a</sup>	1690200008	○	○		○	
	Snow blade <sup>a</sup>	☆1690200007	○	○		○	
	Quick coupler GP bucket 1.8m <sup>3</sup>	1690200080	●		●		
	Quick coupler LM bucket 2.5m <sup>3</sup>	1690200077	○		○		
	Quick coupler pallet fork(1.25m)	1690200061	○		○		
	Quick coupler pallet fork(1.5m)	1690200062	○		○		
	Quick coupler bucket(1.8m <sup>3</sup> )	1690200063	○		○		
	Quick coupler multi-purpose bucket(1.8m <sup>3</sup> )	1690200064	○		○		
	Quick coupler log grapple (single above clamp,width1814mm,open size 1619mm)	1690000021	○		○		

Continue →



# CONFIGURATION LIST



## Model : LG936L

Indent number			E3623 115A36	E3623 115AK6	E3623 115A39	E3623 115AK9	E3626 115A39	□3623 115A29	
Optional	Name	Code							
	16PR tubeless tyre <sup>b</sup> (replace tube tyre)	2907001251 (4190000413+4110000003)	△	△	△	△			
	Desert type tyre (replace standard tyre)	4110001894 (4110000003)	△	△	△	△		△	
	Tubeless "herring-bone"shape pattern tyre (replace tube tyre)	2907001861 (4190000413+4110000003)	△	△	△	△		△	
	Tube tyre 17.5-25-16PRTT E-2/L-2 (replace tube tyre GB2980-17.5-25)	4110002032 (4110000003)	△	△	△	△			
	20 PR tyre17.5-25-20PR-L3 ( tyreGB2980-17.5-25)	4110002528 (4110000003)	△	△	△	△		△	
	Deutz A/C (replace heater)	2935001036 (2935001014)						△	
	Heater (Replace A/C) <sup>c</sup>	2935001014	△	△	△	△	△		
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△	△	△	△	△	△	
	Pilot control double handle (replace pilot control single handle)	2912002623 (2912002624)	△	△	△	△	△		
	GP bucket +wear plate (replace standard arm GP bucket )	2917003684+2917004209 (1690200030)	△		△		△	△	
	Rotating high temperature cooling system (replace standard cooling system)	2903001376 (2903001403)						△	
	Hangchi Transmission (replace cab module)	2905001708 (2905001663+2923000862)						△	
	A507C drive axle (replace A507 drive axle)	2907002119+2909001227 (2907001532+2909000965)						△	
	Swing out window lattice (replace Standard engine hood)	2933005017 (2933004299)						△	
Cole region coolant and hydraulic oil module (34/123)(replace coolant and hydraulic oil module(34/123)	2940000089 (2940000062)						△		
Optional	Name	Code							
	The third hydraulic connection	2912002168	◇	◇	◇	◇	◇		
	LM bucket wear plate <sup>d</sup>	2917003242	◇		◇		◇	◇	
	Deutz cold booting module	2901001341						◇	
	Rotating beacon	2937001297						◇	
Oil bath type air filter	2901004245						◇		

**Remark :**

- a. The machine with this option must be equipped with third connection ;
- b. Normal tubeless tyre means construction machines bias tyre ;
- c. Those optional A/C code can be found in cooling/heating equipment ;
- d. Machine with LM bucket e can equip this option ;
- f. The cab of machine with DDE engine equipped with laminated glass;
- g. The machine with 3-joint valve must be equipped with third connection.

# MAIN PARAMETER



## PRODUCTS MODEL: LG936L (Weichai Deutz Engine)



ENGINE MODEL	Engine WP6G125E22				
RATED POWER/SPEED	92 kW 2200r/min				
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I				
AXLE	SDLG axle				
CONTROL TYPE FOR WORKING EQUIPMENT	Pilot control				
QUICK COUPLER	No		Yes		
RATED LOAD (kg)	3000		3000		
MAX. DUMPING HEIGHT (mm)	2950		2800		
LOAD CYCLE TIME (s)	≤9.2		≤9.2		
MAX.BREAKOUT FORCE (KN)	≥96		≥73		
DIMENSION (L×W×H) (mm)	7230×2520×3170	7100×2520×3170	7030×2520×3300	7320x2520x3170	7270x2520x3170
OPERATINGWEIGHT(kg)	10900	11000	10350	10900	11300
INDENT NUMBER	E3623115A39	E3623115A36	3623115A29	E3623115AK9	E3623115AK6


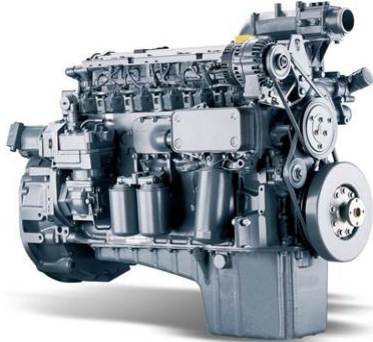
## PRODUCTS MODEL: LG936L ( DDE Engine )



ENGINE MODEL	BF6M2012(T3)
RATED POWER/SPEED	97 kW 2200r/min
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	No
RATED LOAD (kg)	3000
MAX. DUMPING HEIGHT(mm)	2950
LOAD CYCLE TIME (s)	≤9.2
MAX.BREAKOUT FORCE (KN)	≥96
DIMENSION (L×W×H) (mm)	7230x2520x3170
OPERATING WEIGHT(kg)	10900
INDENT NUMBER	E3626115A39



## Configuration: Engine

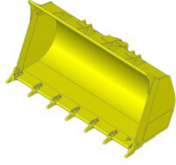
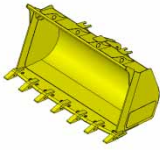
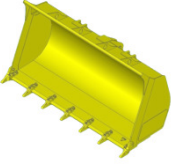
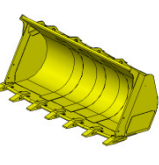
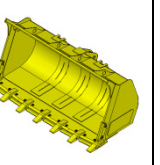
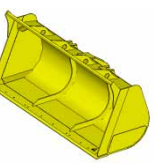
Item	Engine	
Photo		
Brand	Weichai Deutz	DDE
Model	WP6G125E22	BF6M2012(T3)
Type	Inline, water-cooled, four-stroke , direct injection	Inline, water-cooled, four-stroke , direct injection
Rated power (kW)	92	97
Displacement (ml)	6750	6060
Intake system	Turbo Charger	Turbo Charger
Compression ratio	18:1	18.4:1
Idle speed(r/min)	750±50	750-800
Emission	Tier II	Tier III
Fuel type	Diesel	Diesel
Rated speed(r/min)	2200	2200
Rated fuel consumption(g/kW•h)	≤225	≤240
Number of cylinders	6	6
Cylinder diameter/stroke(mm)	105/130	101/126
Maximum torque(N•m)	550	560
Net weight(kg)	750(Include accessory)	580 (Include accessory)

# ATTACHMENT LIST



For Model : LG936L




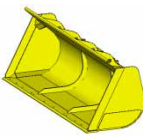
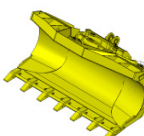
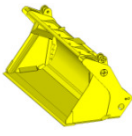
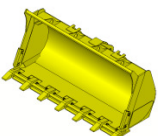
Option							
Name	Standard arm GP bucket	HD bucket (reinforced)	Lengthen arm GP bucket	HD Bucket	HD Bucket (with weld bucket teeth, wear plate)	LM bucket	
Code	1690200030	1690200067	1690200031	1690200072	1690200070	1690200002	
Bucket capacity (m <sup>3</sup> )	1.8	1.8	1.6	1.6	2.0	2.2	
Attachment Weight (kg)	755	902	740	939	1156	872	
Attachment dimension(mm)	L	2520	2580	2520	2580	2580	2915
	W	1241	1346	1201	1269	1423	1132
	H	1155	1155	1130	1133	1209	1152
Rated load(t)	3.0	3.0	3.0	3.0	3.0	3.0	
Max. dumping height(mm)	2950	2910	2978	2968	2855	2925	
Dumping distance(mm)	1050	1090	1022	1032	1145	1074	
Min. turning radius (attachment) (mm)	6020	6107	6010	6093	6132	6210	
Overall dimension of WL(mm)	L	7100	7205	7060	7130	7280	6990
	W	2520	2580	2520	2580	2580	2915
	H	3170	3170	3170	3170	3170	3170
Min. turning radius (tyre) (mm)	5381	5381	5381	5381	5381	5381	
Max. breakout force (KN)	≥96	≥90	≥100	≥98	≥83	≥92	
Operating weight(kg)	10700	10847	10685	10884	11100	10817	
Indent number	E3623115A36/E3623115A39/E3626115A39/3623115A29						

# ATTACHMENT LIST



**For Model: LG936L**



Option						
Name	Pallet fork	LM Bucket	Side dumping bucket	Multi-purpose bucket	Rock bucket (special for India)	
Code	1690200024	1690200001	1690200040	1690200010	1690200048	
Bucket capacity (m <sup>3</sup> )	<u>length of the tines 1800mm</u>	2.5	1.4	1.8	1.2	
Attachment Weight (kg)	726	929	1523	973	981	
Attachment dimension(mm)	L	1796	2915	2530	2528	2510
	W	2241	1212	1520	1128	1005
	H	865	1200	1180	1134	1055
Rated load(t)	/	3.0	2.5	3.0	3	
Max. dumping height(mm)	2533	2870	3686	2923	/	
Dumping distance(mm)	2210	1130	/	1054	/	
Min. turning radius (attachment) (mm)	6131	6230	5953	5935/	/	
Overall dimension of WL(mm)	L	8100	7070	7379	6987	/
	W	2510	2915	2530	2528	/
	H	3170	3170	3170	3170	/
Min. turning radius (tyre) (mm)	5381	5381	5381	5381	/	
Max. breakout force (KN)	/	≥84	≥79	≥96	/	
Operating weight(kg)	10630	10874	11668	11118	/	
Indent number	E3623115A36/E3623115A39/ E3626115A39/3623115A29		E3623115A36/E3623115A39/E3626115A39			

# ATTACHMENT LIST



**For Model: LG936L**



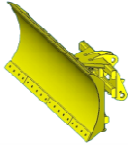
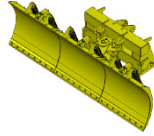
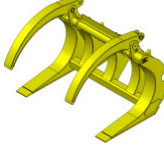
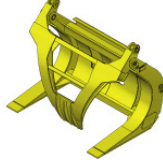
Option							
Name	LM bucket (special for India)	Grass grapple(width 2400mm,length 1728mm,open size2592mm)	LM bucket	Rock bucket	LG93X LM bucket (2.5m <sup>3</sup> ; width 2510mm)	LG93X rock bucket (1.8m <sup>3</sup> , with removable bucket tooth )	
Code	1690200050	1690200005	1690200009	1690200003	1690200081	1690200082	
Bucket capacity (m <sup>3</sup> )	2.5	/	3.0	1.5	2.5	1.8	
Attachment Weight (kg)	1050	1900	823	1022	952	1049	
Attachment dimension(mm)	L	2915	2400	2915	2510	2510	2555
	W	1430	1930	1418	1219	1282	1290
	H	1233	1670	1212	1120	1287	1156
Rated load(t)	3.0	2	3.0	3.0	3.0	3.0	
Max. dumping height(mm)	2848	2510	3800	2996	2746	2950	
Dumping distance(mm)	1152	1698	1520	1003	1135	1050	
Min. turning radius (type)(attachment) (mm)	6257	6207	6066	6048	6021	6087	
Overall dimension of WL(mm)	L	7290	7724	8395	7080	7141	7150
	W	2915	2400	2915	2510	2510	2555
	H	3170	3170	3170	3170	3170	3170
Min. turning radius (type) (mm)	5381	5381	5353	5381	5381	5381	
Max. breakout force (KN)	≥82	≥53	≥76	≥104	≥76	≥96	
Operating weight(kg)	10995	12145	11765	10967	10897	10994	
Indent number	E3623115A36/E3623115A39/E362611 5A39			E3623115A36/E3623115A39/E3626115A39/3623115A29			

# ATTACHMENT LIST



**For Model: LG936L**



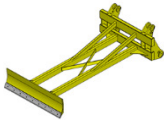
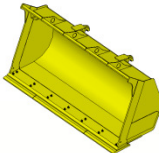
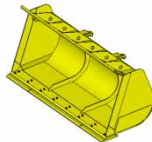
Option				
Name	Light-duty snow blade	Snow blade	Log Grapple (dual above clamp,width1923mm, open size 1637mm)	Log Grapple (single above clamp,width1814mm,open size 1619mm)
Code	1690200008	1690200007	1690200035	1690200004
Bucket capacity (m <sup>3</sup> )	/	/	/	/
Attachment Weight (kg)	1283	1730	1143	1185
Attachment dimension(mm)	L	3605	3500	1923
	W	1363	1615	1572
	H	1097	1100	1600
Rated load(t)	/	/	2.4	2.4
Max. dump height(mm)	/	/	2713	2835
Dump distance(mm)	/	/	1469	1590
Min. turning radius (attachment) (mm)	6529	6552	5829	5742
Overall dimension of WL(mm)	L	7222	7474	7416
	W	3605	3500	2310
	H	3170	3170	3170
Min. turning radius (tyre) (mm)	5381	5381	5381	5381
Max. breakout force (KN)	/	/	≥67	≥67
Operating weight(kg)	11428	11875	11388	11430
Indent number	E3623115A36/E3623115A39/ E3626115A39		E3623115A39/E3626115A39/E3623115A36	

# ATTACHMENT LIST



**For Model: LG936L**



Option			
Name	Coal dozer	Quick Coupler GP Bucket 1.8m <sup>3</sup>	Quick Coupler LM Bucket 2.5m <sup>3</sup>
Code	1690200038	1690200080	1690200077
Bucket capacity (m <sup>3</sup> )	/	1.8	2.5
Attachment Weight (kg)	440	868	1173
Attachment dimension(mm)	L	3149	2915
	W	1211	1241
	H	680	1237
Rated load(t)	/	3.0	3.0
Max. dumping height(mm)	/	2800	2719
Dumping distance(mm)	/	1245	1325
Min. turning radius (attachment) (mm)	6468	6090	6305
Overall dimension of WL(mm)	L	9008	7300
	W	2310	2915
	H	3170	3234
Min. turning radius (tyre) (mm)	5381	5381	5381
Max. breakout force (KN)	/	≥73	≥64
Operating weight(kg)	10385	11030	11118
Indent number	3623115A29	E3623115AK6/E3623115AK9	



# ATTACHMENT LIST



**For Model: LG936L**



Option						
Name	Quick coupler pallet fork(1.25m)	Quick coupler pallet fork(1.5m)	Quick coupler bucket(1.8m <sup>3</sup> )	Quick coupler multi-purpose bucket(1.8m <sup>3</sup> )	Quick coupler log grapple (single above clamp,width1814m,open size 1619mm)	
Code	1690200061	1690200062	1690200063	1690200064	1690000021	
Bucket capacity (m <sup>3</sup> )	<u>length of the tines 1250mm</u>	<u>length of the tines 1500mm</u>	1.8	1.8	/	
Attachment Weight (kg)	829	690	763	946	1118	
Attachment dimension(mm)	L	2250	1796	2520	2528	1814
	W	1700	1926	1204	1127	1425
	H	1289	865	1155	1134	1558
Rated load(t)	/	/	3.0	3.0	/	
Max. dump height(mm)	2369	2222	2800	2770	2441	
Dump distance(mm)	1709	1882	1245	1136	1093	
Min. turning radius (attachment) (mm)	6110	5970	6110	5990	5931	
Overall dimension of WL(mm)	L	7841	8067	7345	7176	7508
	W	2520	2520	2520	2520	2520
	H	3234	3234	3234	3234	3234
Min. turning radius (tyre) (mm)	5381	5381	5381	5381	5381	
Max. breakout force (KN)	≥42	≥37	≥73	≥75	≥54	
Operating weight(kg)	11366	11227	11300	11483	11655	
Indent number	E3623115AK6/E3623115AK9					

# CONFIGURATION LIST



## Model : LG938L

Indent number			E3823 215A36	E3823 215A39	E3823 215AK6	□E3826 215A36	□E3826 215AK6	E3823 215AK9	E3826 215A39
Standard	Engine	DDE BF6M2012(T3)				√	√		√
		Weichai WP6G125E22	√	√	√			√	
	Transmission system	YD13 gearbox, SDLG drive axle	√	√	√	√	√	√	√
	Hydraulic system	Pilot control	√	√	√	√	√	√	√
	Boom	Standard boom	√	√	√	√	√	√	√
	Control valve	3-joint valve	√	√	√	√	√	√	√
	Brake system	Dual brake pedal	√	√	√	√	√	√	√
	Cab <sup>9</sup>	Standard		√				√	√
		FOPS&ROPS	√		√	√	√		
	Cooling/Heatin g system	A/C(2935001044)				√	√		√
		A/C(2935001036)	√	√	√			√	
	Quick coupler	Quick coupler			√		√	√	
	Others	Start interlocking	√	√	√	√	√	√	√
		Engine Tachometer	√	√	√	√	√	√	√
		Fuel tank lock	√	√	√	√	√	√	√
		Hose for Inflating tyre	√	√	√	√	√	√	√
		Tiltable steering colum	√	√	√	√	√	√	√
Radio		√	√	√	√	√	√	√	
Rotating beacon	√		√	√	√				

Continue →

# CONFIGURATION LIST



## Model : LG938L

	Name	Code	E3823	E3823	E3823	E3826	E3826	E3823	E3826
			215A36	215A39	215AK6	215A36	215AK6	215AK9	215A39
Attachment	Standard arm GP bucket 1.8m <sup>3</sup>	1690200030	●	●		●			●
	GP bucket 1.8m <sup>3</sup> (reinforced)	1690200067	○	○		○			○
	GP bucket 1.6m <sup>3</sup> (lengthen arm)	1690200031	○	○		○			○
	GP bucket (1.8m <sup>3</sup> , prevent shake off)	1690200088			○		○	○	
	HD bucket1.6m <sup>3</sup>	1690200072	○	○		○			○
	HD bucket2.0m <sup>3</sup> (with weld bucket teeth, wear plate)	1690200070	○	○		○			○
	LM bucket 2.2m <sup>3e</sup>	1690200002	○	○		○			○
	LM bucket 2.5m <sup>3e</sup>	☆1690200001	○	○		○			○
	LM bucket 2.5m <sup>3</sup> (Special for India)	☆1690200050	○	○		○			○
	High dumping bucket 3.0m <sup>3</sup>	1690200073	○	○		○			
	Rock bucket 2.7m <sup>3</sup> (Special for India)	☆1690200048	○	○		○			○
	Rock bucket 1.5m <sup>3</sup>	1690200003	○	○		○			○
	LG93X LM bucket (2.5m <sup>3</sup> ; width 2510mm)	1690200081	○	○		○			○
	LG93X rock bucket (1.8m <sup>3</sup> , with removable bucket teeth)	1690200082	○	○		○			○
	Multi-purpose bucket 1.8m <sup>3a</sup>	☆1690200010	○	○		○			○
	Side dumping bucket 1.4m <sup>3a</sup>	☆1690200040	○	○		○			○
	Pallet fork (1.8m)	☆1690200024	○	○		○			○
	LG93X log grapple (dual above clamp,width1700 , open size 1900mm)	1690200093	○	○		○			○
	Log grapple (single above clamp,width 1814,open size 1619mm) <sup>a</sup>	1690200004	○	○		○			○
	Log grapple (dual above clamp,width 1923,open size 1637mm) <sup>a</sup>	☆1690200035	○	○		○			○
	Grass grapple(width 2400mm,length 1728mm,open size 2592mm) <sup>a</sup>	1690200005	○	○		○			○
	Snow blade <sup>a</sup>	☆1690200007	○	○		○			○
	Light snow blade <sup>a</sup>	1690200008	○	○		○			○
	Quick coupler LM bucket 2.5m <sup>3</sup>	1690200077			○		○	○	
	Quick coupler GP bucket 1.8m <sup>3</sup>	1690200080			●		●	●	
	Quick coupler bucket1.8m <sup>3</sup> (ISO standard)	1690200063			○		○	○	
	LM bucket 3.0m <sup>3</sup>	1690200009	○	○		○			○
	Quick coupler pallet fork(1.25m)	1690200061			○		○	○	
	Quick coupler pallet fork(1.5m)	1690200062			○		○	○	
	Quick coupler multi-purpose bucket(1.8m <sup>3</sup> )	1690200064			○		○	○	
Quick coupler log grapple (single above clamp,width1814mm,open size 1619mm)	1690000021			○		○	○		

Continue →

# CONFIGURATION LIST



## Model : LG938L

Indent number			E3823 215A36	E3823 215A39	E3823 215AK6	□E3826 215A36	□E3826 215AK6	E3823 215AK9	E3826 215A39
Optional	Name	Code							
	16PR tubeless tyre <sup>b</sup> (replace tube tyre)	2907001251 (4190000413+4110000003)	△	△	△	△	△	△	△
	Tubeless "herring-bone" shape pattern tyre (replace tube tyre)	2907001861 (4190000413+4110000003)	△	△	△	△	△	△	△
	Desert type tyre (replace standard tyre)	4110001894 (4110000003)	△	△	△	△	△	△	△
	Tube tyre 17.5-25-16PRTT E-2/L-2 (replace tube tyre GB2980-17.5-25)	4110002032 (4110000003)	△	△	△	△	△	△	△
	20PR tyre17.5-25-20PR-L3 ( tyreGB2980-17.5-25)	4110002528 (4110000003)	△	△	△	△	△	△	△
	A507C drive axle (replace A507 drive axle)	2907002119+2909001227 (2907001532+2909000965)	△	△	△			△	△
	Heater (replace A/C) <sup>f</sup>	2935001014	△	△	△	△	△	△	△
	Pilot control double handle (replace pilot control single handle)	2912002623 (2912002624)	△	△	△	△	△	△	△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△	△	△	△	△	△	△
	GP bucket +wear plate (replace standard arm GP bucket )	2917003684+2917004209 (1690200030)	△	△		△			△
Optional	Name	Code							
	The third hydraulic connection <sup>c</sup>	2912002592	◇	◇	◇	◇	◇	◇	◇
	LM bucket wear plate <sup>d</sup>	2917003242	◇	◇		◇			◇
	Bench guarding railing module	2934003090	◇	◇	◇	◇	◇	◇	◇
	Rotating beacon	2937001297		◇				◇	

Remark :

- a. The machine with this option must be equipped with third connection ;
- b. Normal tubeless tyre means construction machines bias tyre ;
- c. The third connection includes the pilot control valve and pipes to master valve , pipes from master valve to boom;
- d. Machine with LM bucket e can equip this option ;
- f. Those optional A/C code can be found in cooling/heating equipment;
- g. The cab of machine with DDE engine equipped with laminated glass.

# MAIN PARAMETER



## PRODUCT MODEL: LG938L ( DDE Engine)

ENGINE MODEL	BF6M2012(T3)		
RATED POWER/SPEED	97 kW 2200 r/min		
TRANSMISSION	YD13 gearbox		
AXLE	SDLG axle		
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control		
QUICK COUPLER	No	Yes	No
RATED LOAD (kg)	3000	3000	3000
MAX. DUMPING HEIGHT (mm)	2950	2800	2950
LOAD CYCLE TIME (s)	≤9.2	≤9.2	≤9.2
MAX.BREAKOUT FORCE (KN)	≥96	≥73	≥96
DIMENSION (L×W×H) (mm)	7100×2520×3170	7270×2520×3170	7230×2520×3170
OPERATINGWEIGHT(kg)	10550	10850	10220
INDENT NUMBER	E3826215A36	E3826215AK6	E3826215A39

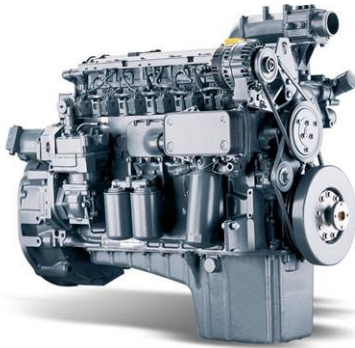

## PRODUCT MODEL: LG938L ( Weichai Engine)



ENGINE MODEL	WP6G125E22			
RATED POWER/SPEED	92 kW 2200 r/min			
TRANSMISSION	YD13 gearbox			
AXLE	SDLG axle			
CONTROL TYPE FOR WORKING EQUIPMENT	Pilot control			
QUICK COUPLER	No		Yes	
RATED LOAD (kg)	3000		3000	
MAX. DUMPING HEIGHT (mm)	2950		2800	
LOAD CYCLE TIME(s)	≤9.2	≤8.6	≤9.2	≤8.6
MAX.BREAKOUT FORCE (KN)	≥96	≥96	≥73	≥73
DIMENSION (L×W×H) (mm)	7100×2520×3170	7100×2520×3170	7270×2520×3170	7270×2520×3170
OPERATINGWEIGHT (kg)	11400	10220	11400	10620
INDENT NUMBER	E3823215A36	E3823215A39	E3823215AK6	E3823215AK9

## Configuration: Engine



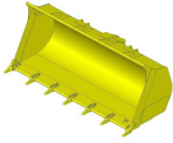
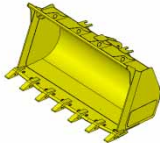
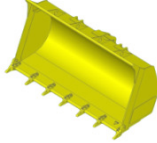
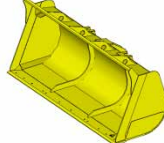
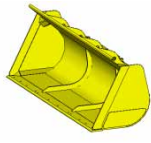
Item	Engine	
Photo		
Brand	DDE	Weichai Deutz Engine
Model	BF6M2012-13T3-1838	WP6G125E22
Type	Inline, water-cooled, four-stroke, direct injection	Inline, water-cooled, four-stroke, direct injection
Rated power (kW)	97	92
Displacement (ml)	6060	6750
Intake system	Turbo charger	Turbo charger
Compression ratio	18.4:1	18:1
Idle speed(r/min)	750~800	750±50
Emission	Tier III	Tier II
Fuel type	diesel	diesel
Rated speed(r/min)	2200	2200
Rated fuel consumption (g/kW·h)	240	235
Number of cylinders	6	6
Cylinder diameter/stroke (mm)	101/126	105/130
Maximum torque(N·m)	560	560
Net weight(kg)	580 (Include accessory)	750 (Include accessory)

# ATTACHMENT LIST



For Model: **LG938L**

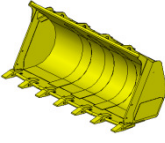
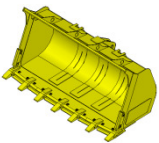
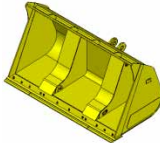
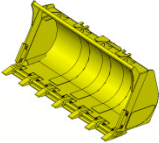
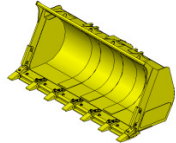


Option						
Name		Standard arm GP bucket	GP bucket (Reinforced)	GP bucket 1.6m <sup>3</sup> (lengthen arm)	LM Bucket	LM Bucket
Code		1690200030	1690200067	1690200031	1690200002	1690200001
Bucket capacity (m <sup>3</sup> )		1.8	1.8	1.6	2.2	2.5
Attachment Weight (kg)		755	901	740	872	929
Attachment dimension(mm)	L	2520	2580	2520	2915	2915
	W	1241	1346	1201	1132	1212
	H	1155	1155	1130	1152	1200
Rated load(t)		3.0	3.0	3.0	3.0	3.0
Max. dumping height(mm)		2950	2910	2978	2925	2870
Dumping distance(mm)		1050	1090	1022	1074	1130
Min. turning radius (attachment)(mm)		6020	6107	6010	6210	6230
Overall dimension of WL(mm)	L	7100	7205	7060	6990	7070
	W	2520	2580	2520	2915	2915
	H	3170	3170	3170	3170	3170
Min. turning radius (tyre)(mm)		5381	5381	5371	5381	5381
Max. breakout force (KN)		≥96	≥90	≥100	≥92	≥84
Operating weight(kg)		10900	11050	10885	11020	11080
Indent number		E3823215A36/E3823215A39/E3826215A36/E3826215A39				

# ATTACHMENT LIST



## For Model: LG938L

Option					
Name	HD bucket	HD bucket	High dumping bucket	Rock bucket	LG93XRock bucket (1.8m <sup>3</sup> , with removable bucket tooth)
Code	1690200072	1690200070	1690200073	1690200003	1690200082
Bucket capacity (m <sup>3</sup> )	1.6	2.0	3	1.5	1.8
Attachment Weight (kg)	939	1156	1596	1022	1049
Attachment dimension(mm)	L	2580	2580	2510	2555
	W	1269	1423	1690	1290
	H	1133	1209	1546	1120
Rated load(t)	3.0	3.0	3.0	3.0	3.0
Max. dump height(mm)	2968	2855	4560	2996	2950
Dump distance(mm)	1032	1145	1520	1003	1050
Min. turning radius (attachment)(mm)	6093	6132	6091	6048	6087
Overall dimension of WL(mm)	L	7130	7280	7080	7150
	W	2580	2580	2510	2555
	H	3170	3170	3170	3170
Min. turning radius (tyre)(mm)	5381	5381	5381	5381	5381
Max. breakout force (KN)	≥98	≥83	≥62	≥104	≥96
Operating weight(kg)	11090	11300	11740	11170	11200
Indent number	E3823215A36/E3823215A39/E3826215A36/E3826215A39				

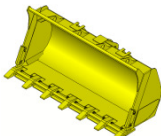
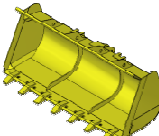
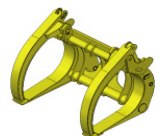
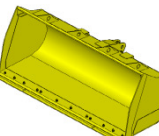


# ATTACHMENT LIST



**For Model: LG938L**

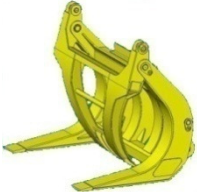
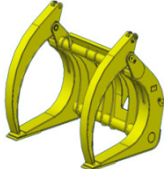
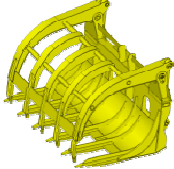
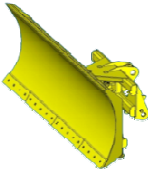


Option					
Name	Rock Bucket (special for India)	LM bucket (special for India)	LG93X Log grapple (dual above clamp, width 1700mm, open size 1900mm)	LG93X LM bucket (2.5m <sup>3</sup> ; bucket width 2510mm)	
Code	1690200048	1690200050	1690200093	1690200081	
Bucket capacity (m <sup>3</sup> )	1.2	2.5	/	2.5	
Attachment Weight (kg)	982	1050	1215	952	
Attachment dimension(mm)	L	2510	2915	1700	2510
	W	1143	1430	1619	1282
	H	1055	1233	1589	1287
Rated load(t)	3.0	3.0	3	3.0	
Max. dump height(mm)	3055	2848	2970	2746	
Dump distance(mm)	946	1152	1350	1135	
Min. turning radius (attachment)(mm)	6030	6257	5895	6021	
Overall dimension of WL(mm)	L	7000	7290	7638	7141
	W	2510	2915	2310	2510
	H	3170	3170	3170	3170
Min. turning radius (tyre)(mm)	5381	5381	5381	5381	
Max. breakout force (KN)	≥115	≥82	≥84	≥76	
Operating weight(kg)	11130	11195	11520	11097	
Indent number	E3823215A36/E3823215A39/E3826215A36/E3826215A39				

# ATTACHMENT LIST



## For Model: LG938L

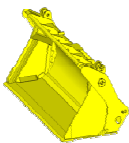
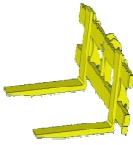
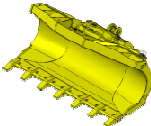
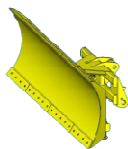
Option					
Name		Log Grapple (single above clamp, width 1814mm, open size 1619mm)	Log Grapple (dual above clamp, width 1923mm, open size 1637mm)	Grass grapple (width 2400mm, length 1728mm, open size 2592mm)	Snow blade
Code		1690200004	1690200035	1690200005	1690200007
Bucket capacity (m <sup>3</sup> )		/	/	/	/
Attachment Weight (kg)		1185	1143	1900	1730
Attachment dimension (mm)	L	1814	1923	2400	3500
	W	1572	1572	1930	1615
	H	1556	1600	1670	1100
Rated load (t)		2.4	2.4	2.0	/
Max. dump height (mm)		2835	2713	2510	/
Dump distance (mm)		1590	1469	1698	/
Min. turning radius (attachment) (mm)		5742	5829	6207	6552
Overall dimension of WL (mm)	L	7416	7416	7724	7474
	W	2310	2310	2400	3500
	H	3170	3170	3170	3170
Min. turning radius (tyre) (mm)		5381	5381	5381	5381
Max. breakout force (KN)		≥67	≥67	≥53	/
Operating weight (kg)		11430	11388	12145	11875
Indent number		E3823215AK6/E3826215AK6/E3823215AK9			

# ATTACHMENT LIST



For Model: **LG938L**



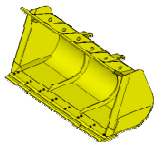
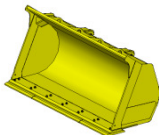
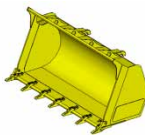
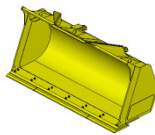
Option					
Name	Multi-purpose Bucket	Pallet fork	Side dumping bucket	Light-duty snow blade	
Code	1690200010	1690200024	1690200040	1690200008	
Bucket capacity (m <sup>3</sup> )	1.8	<u>length of the tines</u> 1800mm	1.4	/	
Attachment Weight (kg)	973	726	1523	1283	
Attachment dimension(mm)	L	2528	1796	2530	3605
	W	1128	2241	1520	1363
	H	1134	865	1180	1097
Rated load(t)	3.0	/	2.5	/	
Max. dump height(mm)	2923	2533	3765	/	
Dump distance(mm)	1054	2210	1365	/	
Min. turning radius (attachment)(mm)	5935	6131	5953	6529	
Overall dimension of WL(mm)	L	6987	8100	7379	7222
	W	2528	2510	2530	3605
	H	3170	3170	3170	3170
Min. turning radius (tyre)(mm)	5381	5381	5381	/	
Max. breakout force (KN)	≥96	/	≥79	/	
Operating weight(kg)	11118	10630	11668	11428	
Indent number	E3826215A36/ E3823215A36/ E3823215A39/ E3826215A39/				

# ATTACHMENT LIST



**For Model: LG938L**



Option				
Name	Quick coupler LM Bucket	Quick coupler GP bucket	Quick coupler bucket (ISO standard)	GP bucket (1.8m <sup>3</sup> , anti-shake off)
Code	1690200077	1690200080	1690200063	1690200088
Bucket capacity (m <sup>3</sup> )	2.5	1.8	1.8	1.8
Attachment Weight (kg)	1173	868	763	903
Attachment dimension(mm)	L	2915	2516	2520
	W	1241	1130	1204
	H	1237	1159	1155
Rated load(t)	3.0	3.0	3.0	3.0
Max. dump height(mm)	2690	2800	2800	2800
Dump distance(mm)	1355	1245	1245	1245
Min. turning radius (attachment)(mm)	6305	6090	6110	6090
Overall dimension of WL(mm)	L	7370	7270	7345
	W	2915	2516	2520
	H	3234	3234	3234
Min. turning radius (tyre)(mm)	5381	5381	5381	5381
Max. breakout force (KN)	≥64	≥73	≥73	≥73
Operating weight(kg)	11700	11400	11300	11430
Indent number	E3823215AK6/E3826215AK6/E3823215AK9			

# ATTACHMENT LIST



**For Model: LG938L**



Option						
Name	Quick coupler pallet fork(1.25m)	Quick coupler pallet fork(1.5m)	Quick coupler multi-purpose bucket(1.8m <sup>3</sup> )	Quick coupler log grapple (single above clamp,width1814mm,open size 1619mm)	LM bucket 3.0m <sup>3</sup>	
Code	1690200061	1690200062	1690200064	1690000021	1690200009	
Bucket capacity (m <sup>3</sup> )	<u>length of the tines 1250mm</u>	<u>length of the tines 1500mm</u>	1.8	/	3.0	
Attachment Weight (kg)	829	690	946	1118	1183	
Attachment dimension(mm)	L	2250	1796	2528	1814	2915
	W	1700	1926	1127	1425	1399
	H	1289	865	1134	1558	1294
Rated load(t)	/	/	3.0	/	3.0	
Max. dump height(mm)	2369	2222	2770	2441	2784	
Dump distance(mm)	1709	1882	1136	1093	1215	
Min. turning radius (attachment) (mm)	6110	5970	5990	5931	6284	
Overall dimension of WL(mm)	L	7841	8067	7176	7508	7260
	W	2520	2520	2520	2520	2915
	H	3234	3234	3234	3234	3170
Min. turning radius (tyre) (mm)	5381	5381	5381	5381	5381	
Max. breakout force (KN)	≥42	≥37	≥75	≥54	≥75	
Operating weight(kg)	11736	11597	11853	12025	11330	
Indent number	E3823215AK6/E3826215AK6/E3823215AK9				E3823215A36 E3823215A39 E3826215A36 E3826215A39	

# CONFIGURATION LIST



## Model : LG946L

Indent No.		4613115A29	4613115A2901	
Standard	Engine	Weichai WP6G160E201	√	√
	Transmission system	SDLG gearbox SDLG axle	√	√
	Hydraulic system	Pilot control Load-sensing	√	√
	Boom	Standard boom	√	√
	Control valve	2-joint valve	√	√
	Cab	Standard	√	√
	Cooling/Heating system	Heater	√	√
Attachment	Name	Code		
	GP bucket 2.3m <sup>3</sup> (Standard arm)	1690000006	●	
	LG946L GP bucket (2.3m <sup>3</sup> , width 2500mm)	1690000015		●
	HD bucket 2.3m <sup>3</sup>	1690000013	○	
	LM bucket 2.5m <sup>3</sup>	1690000007	○	
	Rock bucket 2.0m <sup>3</sup>	1690000011	○	
	LG946L Rock bucket (2.2m <sup>3</sup> )	1690000020	○	
	LG946L pallet fork (length 1500mm)	1690000016	○	
HD bucket 2.5m <sup>3</sup> (with weld bucket teeth, wear plate)	1690000012	○		
Optional	Name	Code		
	A/C (replace heater)	2935000999 (2935000888)	△	△
	Pilot control double handle (replace pilot control single handle)	2912002174 (2912002173)	△	△
	Cold region cooling module (replace standard cooling assembly)	2903001965 (2903001219)	△	
	Rotating high temperature cooling module (replace standard cooling assembly)	2903002232(2903001219+ 2933002433+4130000544)	△	△
	Swing out window lattice <sup>a</sup> (replace Standard engine hood)	2933004814 (2933002433)	△	△
	Desert type tyre (replace standard tyre)	4110002154 (4110000005)	△	△
	Cold regions coolant and hydraulic oil module (24/141) (replace coolant and hydraulic oil module(24/141)	2940000095 (2940000068)	△	△
	GP bucket +wear plate (replace standard arm GP bucket )	2917003799+2917008577 (1690000006)	△	
LM bucket +wear plate (replace standard arm GP bucket )	2917005468+2917008577 (1690000007)	△		
Optional	Name	Code		
	Rotating beacon	2937001297	◇	◇
	Oil bath type air filter module	2901004627	◇	◇
Remark : a. The machine with rotating high-temperature condition cooling system must be equipped with this option.				

# MAIN PARAMETER




## PRODUCT MODEL: LG946L ( Weichai Deutz Engine)

ENGINE MODEL	WP6G160E201	
RATED POWER/SPEED	118 kW 2000r/min	
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I	
AXLE	SDLG axle	
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control	
QUICK COUPLER	No	
RATED LOAD (kg)	4000	
MAX. DUMPING HEIGHT(mm)	2950	2915
LOAD CYCLE TIME (s)	≤10.2	≤10.2
MAX.BREAKOUT FORCE (KN)	≥125	≥118
DIMENSION (L×W×H) (mm)	7295 × 2766 × 3240	7350 × 2500 × 3240
OPERATING WEIGHT(kg)	12700	12700
INDENT NUMBER	4613115A29	4613115A2901



## CONFIGURATION: ENGINE

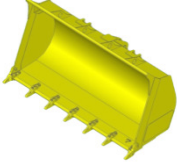

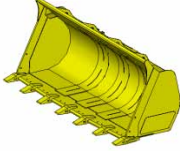
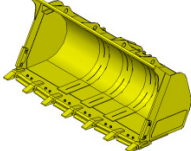
Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G160E201	Fuel type	Diesel
Type	Inline , water-cooled, four-stroke , direct injection	Rated speed (r/min)	2000
Rated power (kW)	118	Rated fuel consumption (g/kW·h)	220
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	Tier II
Idle speed(r/min)	750±50	Maximum torque (N·m)	640
Net weight(kg)	750kg (Include accessory)		

# ATTACHEMENT LIST



**For Model: LG946L**



Option				
Name	Standard arm GP Bucket	LM bucket	HD bucket	HD bucket(With weld teeth and wear plate)
Code	1690000006	1690000007	1690000013	1690000012
Bucket capacity (m <sup>3</sup> )	2.3	2.5	2.3	2.5
Attachment Weight (kg)	925	945	1184	1350
Attachment dimension(mm)	L	2766	2766	2820
	W	1316	1366	1384
	H	1200	1230	1201
Rated load(t)	4.0	4.0	4.0.	4.0
Max. dumping height(mm)	2950	2915	2935	2895
Dumping distance(mm)	1055	1090	1070	1110
Min. turning radius (attachment)(mm)	6117	6140	6165	6175
Overall dimension of WL(mm)	L	7350	7400	7420
	W	2766	2766	2820
	H	3240	3240	3240
Min. turning radius (tyre)(mm)	5365	5365	5365	5365
Max. breakout force (KN)	≥125	≥118	≥122	≥115
Operating weight(kg)	13000	13020	13259	13425
Indent number	4613115A29			


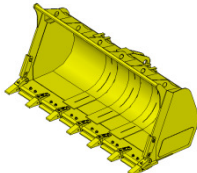
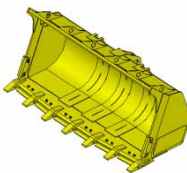
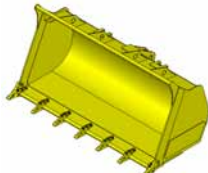


# ATTACHEMENT LIST



For Model: **LG946L**



Option				
Name	LG946L pallet fork (fork length 1500 mm)	LG946L rock bucket (2.2m <sup>3</sup> )	Rock bucket	LG946L GP bucket (2.3m <sup>3</sup> , width 2500mm)
Code	1690000016	1690000020	1690000011	1690000015
Bucket capacity (m <sup>3</sup> )	<u>length of the tines</u> <u>1500mm</u>	2.2	2.0	2.3
Attachment Weight (kg)	926	1300	1313	897
Attachment dimension(mm)	L	2474	2810	2500
	W	1977	1355	1367
	H	1289	1205	1231
Rated load(t)	/	4.0	4.0	4.0
Max. dumping height(mm)	2962	2960	2950	2915
Dumping distance(mm)	2094	1040	1050	1080
Min. turning radius (attachment)(mm)	5837	6155	6160	6020
Overall dimension of WL(mm)	L	8030	7390	7350
	W	2569	2810	2500
	H	3240	3240	3240
Min. turning radius (tyre)(mm)	5365	5365	5365	5350
Max. breakout force (KN)	/	≥126	≥124	≥120
Operating weight(kg)	12700	13375	13388	
Indent number	4613115A29			4613115A2901

# CONFIGURATION LIST



## Model : LG952H

Indent number			5212111A29
Standard	Engine	Weichai WD10G220E23	√
	Transmission system	SDLG gearbox, SDLG axle	√
	Hydraulic system	Mechanical operation single static flow	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	Standard	√
	Cooling/Heating system	Heater	√
Attachment	Name		Code
	GP bucket 2.8m <sup>3</sup>		★1690100059 ●
	Rock bucket 2.4m <sup>3</sup>		1690100003 ○
	Pallet bottom bucket 2.8m <sup>3</sup>		☆1690100067 ○
	Bucket 3.0m <sup>3</sup>		1690100040 ○
	LM bucket 3.6m <sup>3</sup> (width 3.3m) <sup>□</sup>		1690100001 ○
	LM bucket 4.2m <sup>3□</sup>		1690100002 ○
	LM bucket 4.5m <sup>3</sup> (width 3.3m) <sup>□</sup>		☆1690100065 ○
	LM bucket 3.6m <sup>3</sup> (width 3m) <sup>△</sup>		1690100112 ○
LM bucket 4.5m <sup>3</sup> (width 3m) <sup>△</sup>		1690100113 ○	
Optional	Name		Code
	PR 16 desert type tyre (replace standard tyre)	4110000579 (4110000006)	△
	PR 18 desert type tyre (replace standard tyre)	4110001966 (4110000006)	△
	PR 20 desert type tyre (replace standard tyre)	4110001967 (4110000006)	△
	Tyre 23.5-25-16PR-TT508 (replace standard tyre)	4110002095 (4110000006)	△
	20PR tyre 23.5-25-20PR-L3 (replace tyre B2980-23.5-25)	4110001533 (4110000006)	△
	Larger counter weight ( replace standard counter weight )	2928000858 (2928000797)	△
	PR20 L5 type tyre (replace standard tyre)	4110001969 (4110000006)	△
	Tube tyre 23.5-25-16PRTT E-2/L-2 (replace tube tyre GB2980-23.5-25)	4110002123 (4110000006)	△
	Removable-ladder fuel tank (replace standard fuel tank)	2902001061+2910001521 (2902000912+2910001226)	△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△
	A/C (replace heater)	2935001135 (2935000859)	△
	Swing out window lattice (replace fixed window lattice engine hood)	2933003997 (2933002274)	△
GP bucket +wear plate (replace standard arm GP bucket )	2917009701+2917004215 (1690100197)	△	
Cold region cooling system (replace standard cooling system)	2903001966 (2903001319)	△	
Cold region coolant and hydraulic oil module (45/240) (replace coolant and hydraulic oil module(45/240)	2940000096 (2940000069)	△	
Optional	Name		Code
	LM bucket wear plate <sup>□</sup>	2917003244	◇
	Wear plate <sup>□</sup>	2917004215	◇
	Oil bath type air filter	2901002432	◇
Remark : b .Machine with LM bucket d can equip this option ; c. Machine with LM bucket a can equip this option.			

# MAIN PARAMETER




## PRODUCT MODEL: LG952H (Weichai Engine)



ENGINE MODEL	WD10G220E23
RATED POWER/SPEED	162 kW 2000r/min
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Mechanical operation
QUICK COUPLER	No
RATED LOAD (kg)	4500
MAX. DUMPING HEIGHT(mm)	3070
LOAD CYCLE TIME (s)	≤10.2
MAX.BREAKOUT FORCE (KN)	≥150
DIMENSION (L×W×H) (mm)	7663 × 3024 × 3349
OPERATING WEIGHT(kg)	16400
INDENT NUMBER	5212111A29



## CONFIGURATION: ENGINE

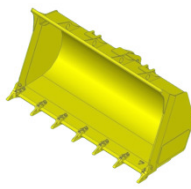
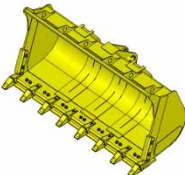
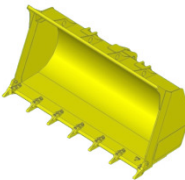
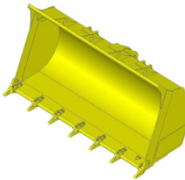
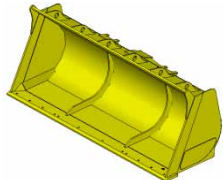
Brand & Photo	Weichai Engine 		
Model	WD10G220E23	Fuel type	diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2000
Rated power (kW)	162	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	17:1	Emission	Tier II
Idle speed(r/min)	750±20	Maximum torque (N·m)	890
Net weight(kg)	1000		

# ATTACHMENT LIST



For Model: **LG952H**



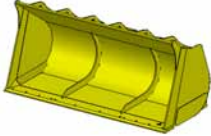
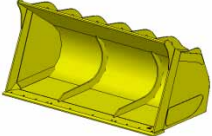
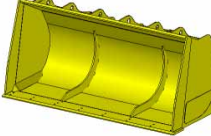
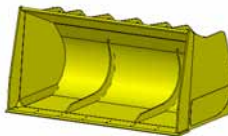
Option					
Name	GP bucket	Rock bucket	Bucket (flat bottom)	Bucket	LM bucket (width 3300mm)
Code	1690100059	1690100003	1690100067	1690100040	1690100001
Bucket capacity (m <sup>3</sup> )	2.8	2.4	2.8	3.0	3.6
Attachment Weight (kg)	1360	1553	1340	1406	1567
Attachment dimension(mm)	L	3024	3060	3024	3300
	W	1512	1422	1516	1382
	H	1295	1270	1302	1364
Rated load(t)	5.0	5.0	5.0	5.0	5.0
Max. dumping height(mm)	3070	3170	3070	3070	3035
Dumping distance(mm)	1190	1090	1190	1190	1225
Min. turning radius (attachment)(mm)	6705	6727	6705	6705	6850
Overall dimension of WL(mm)	L	7663	7554	7663	7533
	W	3024	3060	3024	3300
	H	3349	3349	3349	3349
Min. turning radius (tyre)(mm)	5765	5765	5765	5765	6201
Max. breakout force (KN)	≥150	≥173	≥150	≥150	≥143
Operating weight(kg)	16400	16595	16380	16446	16607
Indent number	5212111A29				

# ATTACHMENT LIST



For Model: **LG952H**



Option				
Name	LM bucket	LM bucket (width 3300mm)	LM bucket (width 3000mm)	LM bucket (width 3000mm)
Code	1690100002	1690100065	1690100112	1690100113
Bucket capacity (m <sup>3</sup> )	4.2	4.5	3.6	4.5
Attachment Weight (kg)	1710	1785	1494	1676
Attachment dimension(mm)	L	3300	3300	3016
	W	1512	1592	1444
	H	1465	1485	1330
Rated load(t)	5.0	5.0	5.0	5.0
Max. dumping height(mm)	2940	2886	2990	2842
Dumping distance(mm)	1320	1375	1270	1420
Min. turning radius (attachment)(mm)	6705	6900	6740	6790
Overall dimension of WL(mm)	L	7663	7743	7595
	W	3300	3300	3016
	H	3349	3349	3349
Min. turning radius (tyre)(mm)	5765	5765	5765	5765
Max. breakout force (KN)	≥128	≥120	≥135	≥115
Operating weight(kg)	16750	16825	16534	16716
Indent number	5212111A29			

# CONFIGURATION LIST



## Model : LG953N

Indent Number		5322114A2901	5322115A2902	
Standard	Engine	Weichai WD10G220E23	√	
	Transmission system	SDLG gearbox SDLG axle	√	
	Hydraulic system	Mechanical operation Load-sensing	√	
		Pilot control Load-sensing		√
	Boom	Standard boom	√	
	Control valve	2-joint valve	√	
	Cab	Standard(integrated type)	√	
		Pilot control (split type)		√
Cooling/Heating system	Heater	√	√	
Attachment	Name	Code		
	GP bucket 2.8m <sup>3</sup> (flat cutting plate)	1690100111	●	
	GP bucket 2.8m <sup>3</sup> ( flat cutting plate, thickness 10mm)	1690100195	○	
	HD bucket 2.8m <sup>3</sup>	1690100150	○	
	HD bucket (3.0m <sup>3</sup> , higher bucket bottom)	1690100205	○	
	GP bucket 3.0m <sup>3</sup>	1690100163	○	
	LG953N GP bucket 2.8m <sup>3</sup> ( trapezoid cutting plate, thickness 10mm)	1690100190	○	
	LG953N GP bucket 2.8m <sup>3</sup> ( trapezoid cutting plate, thickness 8mm)	1690100198	○	
	LM bucket 3.6m <sup>3</sup> (width 3m)	1690100109	○	
	LM bucket 3.6m <sup>3</sup> (width 3.3m)	1690100144	○	
	LM bucket 4.2m <sup>3</sup>	1690100165	○	
	LM bucket 4.5m <sup>3</sup> (width 3m)	1690100110	○	
	LG953N LM bucket (4.2m <sup>3</sup> , width 3016mm)	1690100214	○	
	Rock bucket 2.4m <sup>3</sup>	1690100114	○	
	Rock bucket 2.4m <sup>3</sup> (with wear plate , without bucket teeth)	1690100169	○	
	LG955N rock bucket (2.7m <sup>3</sup> , higher bucket bottom)	1690100207	○	
	Coal dozer	1690100120	○	
GP pallet fork	1690100131	○		

# CONFIGURATION LIST



## Model : LG953N

Indent Number		5322114 A2901	5322115 A2902	
Optional	Name	Code		
	16 PR desert type tyre (replace standard tyre)	4110000579(4110000006)	△	△
	18 PR desert type tyre (replace standard tyre)	4110001966(4110000006)	△	△
	20 PR desert type tyre (replace standard tyre)	4110001967(4110000006)	△	△
	20 PR L5 type tyre (replace standard tyre)	4110001969(4110000006)	△	△
	Tube tyre 23.5-25-16PRTT E-2/L-2 (replace tube tyre GB2980-23.5-25)	4110002123(4110000006)	△	△
	Tyre 23.5-25-16PR-TT508 (replace standard tyre)	4110002095 (4110000006)	△	△
	20 PR tyre 23.5-25-20PR-L3 (tyre GB2980-23.5-25)	4110001533 (4110000006)	△	△
	Rear view camera system pilot split type cab <sup>†</sup> ( replace pilot split type cab)	2929002456 (2929002458)		△
	Rear view camera system pilot split type cab <sup>c</sup> ( replace mechanism monolithic type cab)	2929002457 (2929002448)	△	
	Mechanism split type cab ( replace mechanism monolithic type cab)	2929002417 (2929002448)	△	
	Engine hood(with connection of rear view camera system) <sup>d</sup> (replace standard enging hood)	2933004934 (2933003429)	△	△
	Removable ladder fuel tank (replace normal fuel tank and hydraulic oil tank)	2902001295+2910001636 (2902001003+2910001632)	△	
	Removable ladder fuel tank (replace normal fuel tank and hydraulic oil tank)	2902001295+2910001637 (2902001003+2910001634)		△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△	△
	A/C (replace heater)	2935001015 (2935001014)	△	△
	Larger counter weight (replace standard counter weight)	2928001068 (2928001008)	△	△
	GP bucket +wear plate (replace GP bucket )	2917006667+2917004215 (1690100111)	△	△
Cole region coolant and hydraulic oil module (45/240)(replace coolant and hydraulic oil module(45/240) )	2940000096 (2940000069)	△	△	
Optional	Name	Code		
	LM bucket wear plate	2917004215	◇	◇
	LM bucket wear plate	2917003244	◇	◇
	HD bucket wear plate	2917008042	◇	◇
	Rotating beacon	2937001297	◇	◇
	Rear view monitoring system <sup>b</sup>	2943000025	◇	◇
	Oil bath type air filter	2901004450	◇	◇
Remark : a. The machine with 3-joint valve must be equipped with third connection ; b. Machine with b must equipped with c & d if it is mechanical operation, and with f & d if it is pilot control.				

# MAIN PARAMETER




## PRODUCT MODEL: LG953N (Weichai Engine)



ENGINE MODEL	WD10G220E23	
RATED POWER/SPEED	162 kW 2000r/min	
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I	
AXLE	SDLG axle	
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control	Mechanical operation
QUICK COUPLER	No	No
RATED LOAD (kg)	5000	5000
MAX. DUMPING HEIGHT(mm)	3080	3080
LOAD CYCLE TIME (s)	≤10.3	≤10.3
MAX.BREAKOUT FORCE (KN)	≥190	≥190
DIMENSION (L×W×H) (mm)	7794 × 3024 × 3423	7794 × 3024 × 3423
OPERATING WEIGHT(kg)	16600	16600
INDENT NUMBER	5322115A2902	5322114A2901

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Engine 		
Model	WD10G220E23	Fuel type	diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2000
Rated power (kW)	162	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	17:1	Emission	Tier II
Idle speed(r/min)	750±20	Maximum torque (N·m)	980
Net weight(kg)	1000		



# ATTACHMENT LIST



**For Model: LG953N**

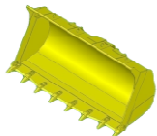
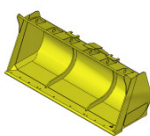
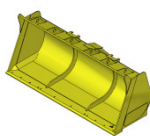
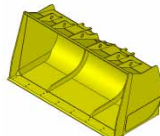
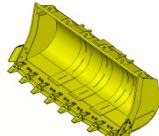
Option			
Name	GP bucket 2.8m <sup>3</sup> (flat cutting plate)	HD bucket	GP bucket
Code	1690100111	1690100150	1690100163
Bucket capacity (m <sup>3</sup> )	2.8	2.8	3.0
Attachment Weight (kg)	1408	1522	1400
Attachment dimension(mm)	L	3024	3024
	W	1512	1612
	H	1319	1338
Rated load(t)	5.0	5.0	5.0
Max. dump height(mm)	3080	3035	3008
Dump distance(mm)	1160	1200	1230
Min. turning radius (attachment)(mm)	6879	6890	6875
Overall dimension of WL(mm)	L	7794	7853
	W	3024	3024
	H	3423	3423
Min. turning radius (tyre)(mm)	6201	6201	6201
Max. breakout force (kN)	≥190	≥175	≥169
Operating weight(kg)	16600	16714	16592
Indent number	5322114A2901/5322115A2902		

# ATTACHMENT LIST



**For Model: LG953N**



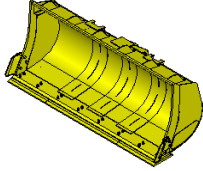
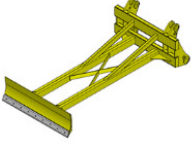
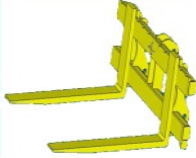
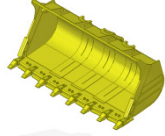
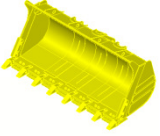
Option						
Name	GP bucket (2.8m <sup>3</sup> , flat cutting plate, thickness 10mm)	LM Bucket (width 3300mm)	LM bucket	LM bucket(width 3000mm)	Rock bucket	
Code	1690100195	1690100144	1690100165	1690100110	1690100114	
Bucket capacity (m <sup>3</sup> )	2.8	3.6	4.2	4.5	2.4	
Attachment Weight (kg)	1481	1569	1703	1677	1697	
Attachment dimension(mm)	L	3024	3300	3300	3016	3093
	W	1512	1377	1506	1649	1522
	H	1319	1377	1444	1421	1234
Rated load(t)	5.0	5.0	5.0	5.0	5.0	
Max. dump height(mm)	3078	3046	2955	2854	3106	
Dump distance(mm)	1160	1192	1280	1380	1130	
Min. turning radius (attachment)(mm)	6850	6935	6970	6870	6880	
Overall dimension of WL(mm)	L	7794	7618	7748	7890	7763
	W	3024	3300	3300	3016	3093
	H	3423	3423	3423	3423	3423
Min. turning radius (tyre)(mm)	6201	6201	6201	6201	6201	
Max. breakout force (KN)	≥185	≥177	≥158	≥142	≥192	
Operating weight(kg)	16673	16761	16895	16869	16889	
Indent number	5322114A2901/5322115A2902					

# ATTACHMENT LIST



For Model: LG953N



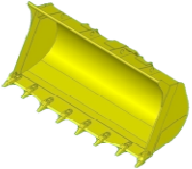
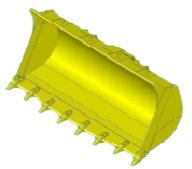
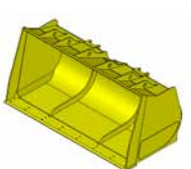
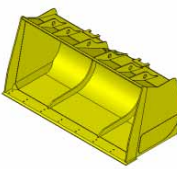
Option						
Name	Rock bucket(with wear plate, without bucket teeth)	Coal dozer	Pallet fork	HD bucket(3.0m <sup>3</sup> , higher bucket bottom plate)	LG955N Rock bucket (2.7m <sup>3</sup> , higher bucket bottom)	
Code	1690100169	1690100120	1690100131	1690100205	1690100207	
Bucket capacity (m <sup>3</sup> )	2.4	/	<u>length of the tines</u> 1250mm	3.0	2.7	
Attachment Weight (kg)	1683	532	947	1913	1845	
Attachment dimension(mm)	L	3093	3152	2470	3060	
	W	1296	1600	1894	1681	
	H	1237	695	1289	1349	
Rated load(t)	5.0	/	/	5.0	5.0	
Max. dump height(mm)	3177	/	3186	2990	3078	
Dump distance(mm)	1060	/	1780	1240	1060	
Min. turning radius (attachment)(mm)	6822	7129	6842	6910	6875	
Overall dimension of WL(mm)	L	7517	9683	8425	7923	7802
	W	3093	2780	2780	3060	3060
	H	3423	3423	3423	3423	3423
Min. turning radius (tyre)(mm)	6201	6201	6201	6201	6201	
Max. breakout force (kN)	≥213	/	/	≥166	≥185	
Operating weight(kg)	16875	15715	16130	17105	17037	
Indent number	5322114A2901/5322115A2902					

# ATTACHMENT LIST



**For Model: LG953N**



Option				
Name	LG953N GP bucket 2.8m <sup>3</sup> (trapezoid cutting plate, thickness 10mm)	LG953N GP bucket 2.8m <sup>3</sup> (trapezoid cutting plate, thickness 8mm)	LM bucket 3.6m <sup>3</sup> (width 3000mm)	LG953N LM bucket (4.2m <sup>3</sup> ,width 3016mm)
Code	1690100190	1690100198	1690100109	1690100214
Bucket capacity (m <sup>3</sup> )	2.8	2.8	3.6	4.2
Attachment Weight (kg)	1480	1383	1495	1688
Attachment dimension(mm)	L	3024	3016	3016
	W	1553	1439	1589
	H	1323	1328	1399
Rated load(t)	5.0	5.0	5.0	5.0
Max. dump height(mm)	3050	3050	3010	2896
Dump distance(mm)	1190	1190	1235	1340
Min. turning radius (attachment)(mm)	6860	6860	6816	6855
Overall dimension of WL(mm)	L	7794	7680	7830
	W	3024	3016	3016
	H	3423	3423	3423
Min. turning radius (tyre)(mm)	6201	6201	6201	6201
Max. breakout force (kN)	178	≥178	≥168	≥149
Operating weight(kg)	16672	16575	16687	16880
Indent number	5322114A2901/5322115A2902			

# CONFIGURATION LIST



## Model : LG956L

Indent number			E5612115 A39	E561211 5A36	E561611 5A39	E5616115 A36	5612115 A29
Standard	Engine	Weichai WD10G220E23	√	√			√
		DDE BF6M1013(T2)			√	√	
	Transmission system	SDLG gearbox, SDLG drive axle	√	√	√	√	√
	Hydraulic system	Pilot control	√	√	√	√	√
	Boom	Standard boom	√	√	√	√	√
	Control valve	2-joint valve					√
		3-joint valve <sup>a1</sup>	√	√	√	√	
	Brake system	Dual brake pedal	√	√	√	√	
	Cab <sup>e</sup>	Standard	√		√		√
		FOPS&ROPS		√		√	
	Cooling/Heating system	A/C(2935000972)	√	√			√
		A/C(2935001053)			√	√	
	Others	Start interlocking	√	√	√	√	
		Engine Tachometer	√	√	√	√	
		Fuel tank lock	√	√	√	√	
		Hose for Inflating tyre	√	√	√	√	
Tiltable steering colum		√	√	√	√		
Radio		√	√	√	√		
	Rotating beacon		√		√		

Name		Code					
Attachment	GP bucket 3.0m <sup>3</sup> (Standard arm)	1690100043	●	●	●	●	○
	Bucket 2.8m <sup>3</sup>	1690100044	○	○	○	○	●
	LM bucket 3.6m <sup>3</sup> (width 3.3m)	1690100009	○	○	○	○	○
	LM bucket 3.6m <sup>3</sup> (width 3m)	1690100116	○	○	○	○	○
	LM bucket 4.2m <sup>3</sup> (protruding main cutting plate)	☆1690100091	○	○	○	○	
	LM bucket 4.5m <sup>3</sup> (width 3m)	1690100117	○	○	○	○	○
	LM bucket 4.5m <sup>3</sup> (width 3.3m)	☆1690100064	○	○	○	○	○
	Rock bucket 2.0m <sup>3</sup>	☆1690100090	○	○	○	○	
	Rock bucket 2.7m <sup>3</sup>	1690100049	○	○	○	○	○
	Rock bucket 3.0m <sup>3</sup>	1690100099	○	○	○	○	○
	LG95X Rock bucket (3.0m <sup>3</sup> , with removable bucket teeth)	1690100187	○	○	○	○	○
	Side dumping bucket 2.5m <sup>3</sup> <sup>a</sup>	1690100056	○	○	○	○	
	Multi-purpose bucket 3.0m <sup>3</sup> <sup>a</sup>	1690100068	○	○	○	○	
	Pallet fork	☆1690100037	○	○	○	○	○
	Log grapple (dual above clamp,width 2622mm,open size1633mm) <sup>a</sup>	1690100030	○	○	○	○	
	Log grapple (single above clamp,width 2256mm,open size1884mm) <sup>a</sup>	☆1690100061	○	○	○	○	
	LG93X log grapple (dual above clamp,width 2100mm , open size 2012mm)	1690100206	○	○	○	○	
	LG956 heavy snow blade( blade width 3800mm)	1690100217	○	○	○	○	
Grass grapple(width 2966, min. clamping diameter 1313mm,open size 3172mm) <sup>a</sup>	☆1690100013	○	○	○	○		
Snow blade <sup>a</sup>	☆1690100014	○	○	○	○		

Continue →

# CONFIGURATION LIST



## Model : LG956L

Indent number			E5612115 A39	E561211 5A36	E5616115 A39	E561611 5A36	5612115A 29
Name	Code						
20 PR tubeless tyre(L-3) <sup>b</sup> (replace tube tyre)	2907001253 (2907001202+2907000002)	△	△	△	△	△	
Desert type tyre (replace standard tyre)	4110001966+4110000579 (4110000582+4110000006)	△	△	△	△	△	
20 PR L5 tyre (replace standard tyre)	4110001969 (4110000582+4110000006)	△	△	△	△	△	
20 PR L-5 tubeless tyre <sup>b</sup> (replace standard tyre)	2907001492 (2907001202+2907000002)	△	△	△	△	△	
20 PR tyre 23.5-25-20PR-L3 (replace standard tyre)	4110001533 (4110000582+4110000006)	△	△	△	△	△	
Larger counter weight 1800kg (replace standard counter weight 1400kg)	2928001060 (2928000819)	△	△	△	△		
Heater (replace A/C) <sup>c</sup>	2935000901	△	△	△	△		
License plate (replace rear turning light hood)	2934001384 (2934000206)	△	△	△	△	△	
Swing out window lattice engine hood (fixed window lattice engine hood)	2933003186 (2933001916)	△	△				
Swing out window lattice engine hood (fixed window lattice engine hood)	2933003186 (2933001510)					△	
Cold region cooling system (Standard cooling system)	2903001968 (2903001323)	△	△				
Larger counter weight 1800kg (replace Standard counter weight 1400kg)	2928001060 (2928000819)					△	
Pilot control double handle (replace pilot control single handle)	2912001582 (2912001581)					△	
Without cab module (With cab module)	2929001479 (2929001478)					△	
Cold region coolant and hydraulic oil module(45/265) (normal coolant and hydraulic oil module(45/265))	2940000099 (2940000072)	△	△	△	△	△	
High temperature condition hydraulic oil module viscosity 68(265L) (normal hydraulic oil module viscosity46(265L))	2940000155 (2940000154)	△	△	△	△		
GP bucket +wear plate (replace standard arm GP bucket )	2917003707+2917004215 (1690100043)	△	△	△	△		

Continue →

# CONFIGURATION LIST



## Model : LG956L

Indent number		E5612 115A39	E5612 115A36	E5616 115A39	E5616 115A36	5612 115A29
Optional	Name	Code				
	Weichai cold booting module	2901001386	◇	◇		◇
	The third hydraulic connection <sup>d</sup>	2912001649	◇	◇	◇	◇
	The third hydraulic connection <sup>dh</sup>	2912001993	◇	◇	◇	◇
	LM bucket wear plate <sup>f</sup>	2917003244	◇	◇	◇	◇
	Wear plate <sup>g</sup>	2917004215	◇	◇	◇	◇
	GP bucket wear plate	2917003651	◇	◇	◇	◇
	Rotating beacon	2937001297	◇	◇	◇	◇
	Weichai Oil bath type air filter	2901004487	◇	◇		◇
	DDE Oil bath type air filter	2901004475			◇	◇

Remark :

- a. The machine with this option must be equipped with third connection ;
- b. Normal tubeless tyre means construction machines bias tyre ;
- c. Those optional A/C code can be found in cooling/heating equipment. ;
- d. The third connection includes the pilot control valve and pipes to master valve , pipes from master valve to boom;
- f. Machine with LM bucket j can equip this option;
- g. Machine with LM bucket i can equip this option ;
- h. Special for Australia .
- a1. The machine with 3-joint valve must be equipped with third connection;

# MAIN PARAMETER



## PRODUCT MODEL: LG956L ( Weichai Engine)



ENGINE MODEL	WD10G220E23		
RATED POWER/SPEED	162 kW 2000r/min		
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I		
AXLE	SDLG axle		
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control		
QUICK COUPLER	No		
RATED LOAD (kg)	5000		
MAX. DUMPING HEIGHT(mm)	3120	3120	3180
LOAD CYCLE TIME (s)	≤11.3	≤11.3	≤11.3
MAX.BREAKOUT FORCE (KN)	≥180	≥180	≥180
DIMENSION (L×W×H) (mm)	8079×3024×3382	8079×3024×3429	8040×3024×3382
OPERATING WEIGHT(kg)	16900	17550	17250
INDENT NUMBER	E5612115A39	E5612115A36	5612115A29

## PRODUCT MODEL: LG956L ( DDE Engine)



ENGINE MODEL	BF6M1013-21T2-1090	
RATED POWER/SPEED	165 kW 2000r/min	
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I	
AXLE	SDLG axle	
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control	
QUICK COUPLER	No	No
RATED LOAD (kg)	5000	5000
MAX. DUMPING HEIGHT(mm)	3120	3120
LOAD CYCLE TIME (s)	≤11.3	≤10.8
MAX.BREAKOUT FORCE (KN)	≥180	≥180
DIMENSION (L×W×H) (mm)	8079×3024×3382	8100×3024×3380
OPERATING WEIGHT(kg)	16900	16900
INDENT NUMBER	E5616115A36	E5616115A39





# MAIN PARAMETER



## CONFIGURATION: ENGINE



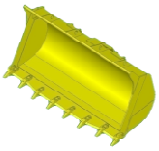
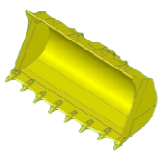
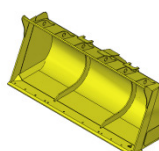
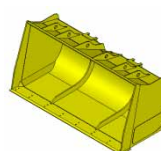
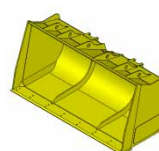
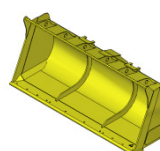
Item	Engine	
Photo		
Brand	Weichai	DDE
Model	WD10G220E23	BF6M1013-21T2-1090
Type	Inline, water-cooled, four-stroke , direct injection	Inline, water-cooled, four-stroke , direct injection
Rated power (kW)	162	165
Displacement (ml)	9726	7146
Intake system	Turbo Charger	Turbo Charger
Compression ratio	17:1	18:1
Idle speed(r/min)	750±20	750~800
Emission	Tier II	Tier II
Fuel type	diesel	diesel
Rated speed(r/min)	2000	2000
Rated fuel consumption (g/kW•h)	≤225	≤220
Number of cylinders	6	6
Cylinder diameter/stroke (mm)	126/130	108/130
Maximum torque(N•m)	980	920
Net weight(kg)	1000	700(Include accessory)

# ATTACHMENT LIST



For Model: **LG956L**



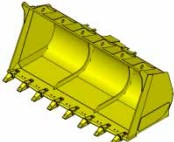
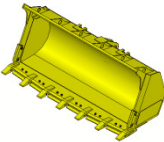
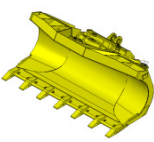
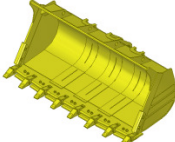
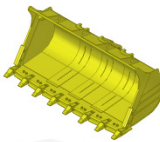

Option							
Name	Standard arm GP bucket 3.0m <sup>3</sup>	Bucket 2.8m <sup>3</sup>	LM bucket 3.6m <sup>3</sup> (width 3.3m)	LM bucket 3.6m <sup>3</sup> ( width 3m)	LM bucket 4.5m <sup>3</sup> (bucket width 3m)	LM bucket 4.5m <sup>3</sup> (width 3.3m)	
Code	1690100043	1690100044	1690100009	1690100116	1690100117	1690100064	
Bucket capacity (m <sup>3</sup> )	3.0	2.8	3.6	3.6	4.5	4.5	
Attachment Weight (kg)	1502	1453	1565	1490	1674	1781	
Attachment dimension(mm)	L	3024	3024	3300	3016	3016	3300
	W	1494	1430	1367	1423	1639	1577
	H	1377	1348	1364	1330	1423	1485
Rated load(t)	5.0	5.0	5.0	5.0	5.0	5.0	
Max. dumping height(mm)	3120	3180	3085	3042	2894	2936	
Dumping distance(mm)	1130	1090	1165	1210	1360	1314	
Min. turning radius (attachment)(mm)	6746	6695	6775	6680	6735	6860	
Overall dimension of WL(mm)	L	8079	8016	7950	8010	8222	8160
	W	3024	3024	3300	3016	3016	3300
	H	3382	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥180	≥192	≥172	≥163	≥138	≥144	
Operating weight(kg)	16900	16850	16963	16888	17072	17179	
Indent number	E5612115A39/E5612115A36/E5616115A36/E5616115A39/5612115A29						

# ATTACHMENT LIST



For Model: LG956L



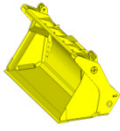
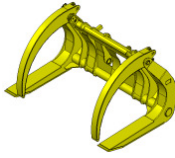
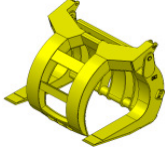
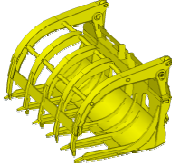
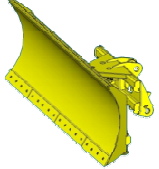
Option							
Name	LM bucket 4.2m <sup>3</sup> (protruding main cutting plate)	Rock bucket 2.0m <sup>3</sup>	Side dumping bucket 2.5m <sup>3</sup>	Rock bucket 2.7m <sup>3</sup>	Rock bucket 3.0m <sup>3</sup>	Pallet fork	
Code	1690100091	1690100090	1690100056	1690100049	1690100099	1690100037	
Bucket capacity (m <sup>3</sup> )	4.2	2.0	2.5	2.7	3.0	<u>length of the tines 1250mm</u>	
Attachment Weight (kg)	1816	1395	2448	1745	1876	927	
Attachment dimension(mm)	L	3300	3060	2958	3060	3060	2470
	W	1811	1316	1869	1475	1535	1747
	H	1466	1178	1595	1320	1382	1289
Rated load(t)	5.0	5.0	5.0	5.0	5.0	/	
Max. dumping height(mm)	2945	3281	3915	3180	3120	3244	
Dumping distance(mm)	1310	968	/	1090	1130	1835	
Min. turning radius (attachment)(mm)	6910	6677	6685	6716	6746	6600	
Overall dimension of WL(mm)	L	8380	7900	8450	8055	8110	8332
	W	3300	3060	2958	3060	3060	2780
	H	3382	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥145	≥230	≥128	≥190	≥180	/	
Operating weight(kg)	17214	16793	17846	17143	17274	16325	
Indent number	E5612115A39/E5612115A36/ E5616115A36/E5616115A39			E5612115A39/E5612115A36/E5616115A36/E561611 5A39/5612115A29			

# ATTACHMENT LIST



For Model: LG956L



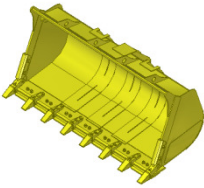

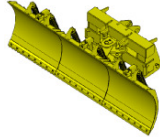
Option						
Name	Multi-purpose bucket 3.0m <sup>3</sup>	Log grapple (dual above clamp, width 2622mm, open size 1633mm)	Log grapple (single above clamp, width 2256mm, open size 1884mm)	Grass grapple (width 2966mm, min clamping diameter 1313mm, open size 3172mm)	Snow blade	
Code	1690100068	1690100030	1690100061	1690100013	1690100014	
Bucket capacity (m <sup>3</sup> )	3.0	/	/	/	/	
Attachment Weight (kg)	1754	1696	2276	2658	1810	
Attachment dimension (mm)	L	3030	2658	2256	2966	3500
	W	1405	1707	1958	2063	1615
	H	1335	1474	1750	1972	1100
Rated load (t)	5.0	5.0	5	4	/	
Max. dumping height (mm)	3138	3059	3148	2710	/	
Dumping distance (mm)	1192	1613	1989	1782	/	
Min. turning radius (attachment) (mm)	6492	6588	6646	6968	6864	
Overall dimension of WL (mm)	L	7990	8279	8525	8629	8200
	W	3030	2785	2785	2966	3500
	H	3382	3382	3382	3382	3382
Min. turning radius (tyre) (mm)	6036	6036	6036	6036	/	
Operating weight (kg)	17152	17200	17781	18163	17208	
Indent number	E5612115A39/E5612115A36/E5616115A36/E5616115A39					

# ATTACHMENT LIST



**For Model: LG956L**



Option			
Name	LG95X rock bucket (3.0m <sup>3</sup> , with removable bucket tooth )	Log grapple(dual above clamp,width 2100mm, open size 2012m)	LG956 Heavy-duty snow blade (width 3800mm)
Code	1690100187	1690100206	1690100217
Bucket capacity (m <sup>3</sup> )	3.0	/	/
Attachment Weight (kg)	1895	1878	2100
Attachment dimension(mm)	L	3060	2100
	W	1548	1719
	H	1378	1891
Rated load(t)	5.0	5.0	/
Max. dump height(mm)	3120	2850	/
Dump distance(mm)	1130	1403	/
Min. turning radius (attachment)(mm)	6735	6449	6970
Overall dimension of WL(mm)	L	8130	8286
	W	3060	2785
	H	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036
Max. breakout force (KN)	≥180	/	/
Operating weight(kg)	17293	17383	17500
Indent number	E5612115A39/E5612115 A36/E5616115A36/E561 6115A39/5612115A29	E5612115A39/E5612115A36/E5616115A 36/E5616115A39	

# CONFIGURATION LIST



## Model: LG956N

Indent number			5622115A2903
Standard	Engine	Weichai WD10G220E23	√
	Transmission system	SDLG gearbox 、 SDLG axle	√
	Hydraulic system	Pilot control single handle 、 load-sensing	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	Standard cab	√
	Cooling/Heating system	A/C	√
Attachment	Name	Code	
	LM bucket 3.6m <sup>3</sup>	1690100173	○
	LM bucket 4.5m <sup>3</sup>	1690100174	○
	Rock bucket	1690100184	○
	GP bucket(2.8m <sup>3</sup> , protruding main cutting plate)	1690100202	●
	GP bucket (2.8m <sup>3</sup> , flat cutting plate)	1690100211	○
Optional	Name	Code	
	Tubeless radial tyre (replace standard tyre)	2907001902 (2907001519+2909000959)	△
	20 PR tyre 23.5-25-20PR-L3 (replace standard tyre)	4110001533 (4110000582+4110000006)	△
	Tubeless tyre (replace tube tyre)	2907002126 (2907001519+2909000959)	△
Optional	Name	Code	
	LG956N Oil bath type air filter	2901004338	◇
	LM bucket wear plate	2917004215	◇

# MAIN PARAMETER




## PRODUCT MODEL: LG956N ( Weichai Engine)



ENGINE MODEL	WD10G220E23
RATED POWER/SPEED	162 kW 2000 r/min
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	No
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	3110
LOAD CYCLE TIME (s)	≤10.0
MAX.BREAKOUT FORCE (KN)	≥180
DIMENSION (L×W×H) (mm)	8250×3060×3450
OPERATING WEIGHT(kg)	17300
INDENT NUMBER	5622115A2903

## CONFIGURATION: ENGINE



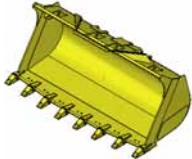
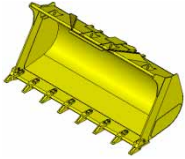
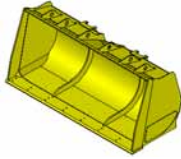
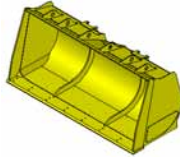
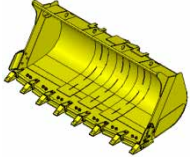
Brand & Photo	Weichai Engine 		
Model	WD10G220E23	Fuel type	diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2000
Rated power (kW)	162	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	17:1	Emission	Tier II
Idle speed(r/min)	750±20	Maximum torque (N·m)	980
Net weight(kg)	1000		

# ATTACHMENT LIST



**For Model: LG956N**



Option					
Name	GP bucket(2.8m <sup>3</sup> , protruding main cutting plate)	GP bucket (2.8m <sup>3</sup> , flat cutting plate)	LM bucket 3.6m <sup>3</sup>	LM bucket 4.5m <sup>3</sup>	Rock bucket
Code	1690100202	1690100211	1690100173	1690100174	1690100184
Bucket capacity (m <sup>3</sup> )	2.8	2.8	3.6	4.5	2.8
Attachment Weight (kg)	1606	1524	1494	1678	1762
Attachment dimension(mm)	L	3060	3024	3016	3090
	W	1661	1510	1438	1648
	H	1368	1370	1330	1423
Rated load(t)	5.0	5.0	5.0	5.0	5.0
Max. dumping height(mm)	3110	3180	3105	2960	3110
Dumping distance(mm)	1150	1080	1155	1300	1150
Min. turning radius (attachment)(mm)	6880	6866	6522	6890	6880
Overall dimension of WL(mm)	L	8250	8100	8030	8237
	W	3060	3024	3016	3016
	H	3450	3450	3450	3450
Min. turning radius (tyre)(mm)	6200	6200	6200	6200	6200
Max. breakout force (KN)	≥180	≥197	≥180	≥152	≥180
Operating weight(kg)	17300	17220	17188	17372	17454
Indent number	5622115A2903				



# CONFIGURATION LIST



## Model : LG958L

Indent number			E5812 215A39	E58162 15A3901	E5812 215A36	E5816 215A39	E5816 215A36
Standard	Engine	Weichai WD10G220E21	√		√		
		DDE BF6M1013(T2)				√	√
		DDE BF6M1013(T3)		√			
	Transmission system	ZF gearbox、SDLG axle	√	√	√	√	√
	Hydraulic system	Pilot control single handle	√	√	√	√	√
	Boom	Standard boom	√	√	√	√	√
	Control valve	3-joint valve	√	√	√	√	√
	Brake system	Dual brake pedal	√	√	√	√	√
	Cab <sup>a</sup>	Standard	√	√		√	
		FOPS&ROPS			√		√
	Cooling/Heating system	A/C(2935000985)	√		√		
		A/C(2935001053)		√		√	√
	Quick coupler	Quick coupler					
	Others	Start interlocking	√	√	√	√	√
		Engine Tachometer	√	√	√	√	√
		Fuel tank lock	√	√	√	√	√
		Hose for Inflating tyre	√	√	√	√	√
Tiltable steering colum		√	√	√	√	√	
Radio		√	√	√	√	√	
Rotating beacon				√		√	

continue →

# CONFIGURATION LIST



**Model : LG958L**

	Name	Code	E5812	E58162	E5812	E5816	E5816
			215A39	15A3901	215A36	215A39	215A36
Attachment	GP bucket 3.0m <sup>3</sup> (standard )	1690100043	●	●	●	●	●
	Bucket 2.8m <sup>3</sup>	1690100044	○	○	○	○	○
	LM bucket 3.6m <sup>3</sup> (width 3300mm)	1690100009	○	○	○	○	○
	LM bucket4.2m <sup>3</sup> (protruding main cutting plate)	☆1690100091	○	○	○	○	○
	LM bucket4.5m <sup>3</sup> (width 3300mm)	☆1690100064	○	○	○	○	○
	Rock bucket 2.0m <sup>3</sup>	☆1690100090	○	○	○	○	○
	Rock bucket 2.7m <sup>3</sup>	1690100049	○	○	○	○	○
	Rock bucket 3.0m <sup>3</sup>	1690100099	○	○	○	○	○
	LG95X Rock bucket(3.0m <sup>3</sup> , with removable bucket teeth)	1690100187	○	○	○	○	○
	Side dumping bucket 2.5m <sup>3b</sup>	1690100056	○	○	○	○	○
	Multi-purpose bucket3.0m <sup>3b</sup>	1690100068	○	○	○	○	○
	GP Pallet fork	☆1690100037	○	○	○	○	○
	Log grapple(single above clamp,width 2256mm,open size1884mm) <sup>b</sup>	☆1690100061	○	○	○	○	○
	Log grapple(dual above clamp,width 2622mm,open size1633mm) <sup>b</sup>	1690100030	○	○	○	○	○
	Log grapple(dual above clamp,width 2100mm , open size2012mm)	1690100206	○	○	○	○	○
	Grass grapple(width 2966mm,min. clamping diameter 1313mm,open size 3172mm) <sup>b</sup>	☆1690100013	○	○	○	○	○
	Snow blade <sup>b</sup>	☆1690100014	○	○	○	○	○
	LG956 heavy-duty snow blade(blade width 3800mm)	1690100217	○	○	○	○	○
Tree grapple(width 2500 , clamping diameter 1380mm , open size 3263mm)	1690100191	○	○	○			

**continue→**

# CONFIGURATION LIST



## Model : LG958L

	Name	Code	E5812	E58162	E5812	E5816	E5816
			215A39	15A3901	215A36	215A39	215A36
Optional	Hangchi 4WG180 transmission (ZF 4WG200 transmission)	29050012401 (29050017112)	△	△	△	△	△
	20 PR L-5 tubeless tyre (replace tube tyre)	2907001492 (2907001202/2907000002)	△	△	△	△	△
	20PR tubeless tyre (L-3) <sup>c</sup> (replace tube tyre)	2907001253 (2907001202/2907000002)	△	△	△	△	△
	Desert type tyre (replace standard tyre)	4110001966+4110000579 (4110000582+4110000006)	△	△	△	△	△
	20 PR L5 tyre (replace standard tyre)	4110001969 (4110000582+4110000006)	△	△	△	△	△
	20 PR 23.5-25-20PR-L3 tyre (replace standard tyre)	4110001533 (4110000582+4110000006)	△	△	△	△	△
	Larger counter weight 1800kg (replace standard counter weight 1400kg)	2928001060 (2928000819)	△	△	△	△	△
	Swing out window lattice engine hood (fixed window lattice engine hood)	2933003186 (2933001916)	△		△		
	Pilot control dual handle (replace Pilot control single handle)	2912001582 (2912001581)	△	△	△	△	△
	Heater (replace A/C) <sup>d</sup>	2935000901	△	△	△	△	△
	Lamp bracket special for India (replace turning light module)	2934002187 (2934002188)	△	△	△	△	△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△	△	△	△	△
	GP bucket + wear plate (replace standard arm GP bucket)	2917003707+2917004215 (1690100043)	△	△	△	△	△
	High temperature condition rotatable cooling system (Standard cooling module)	2903002599+2933003788 (2903000971+2933001916)	△		△		
	Cold region coolant and hydraulic oil module(45/265) ( replace coolant and hydraulic oil module	2940000099 (2940000072)	△	△	△	△	△
	Cold region coolant and hydraulic oil module(45/275) (replace coolant and hydraulic oil module45/275)	2940000101 (2940000108)					
	High temperature condition hydraulic oil module viscosity 68(265L)(normal hydraulic oil module viscosity 46(265L))	2940000155 (2940000154)	△	△	△	△	△
High temperature condition hydraulic oil module viscosity 68(275L) (normal hydraulic oil module viscosity 46(275L))	2940000159 (2940000158)						
Optional	Name	Code					
	Weichai cold booting module	2901001386	◇		◇		
	The third hydraulic connection <sup>e</sup>	2912001649	◇	◇	◇	◇	◇
	The third hydraulic connection <sup>ef</sup>	2912001993	◇	◇	◇	◇	◇
	LM bucket wear plate <sup>g</sup>	2917003244	◇	◇	◇	◇	◇
	GP bucket wear plate	2917003651	◇	◇	◇	◇	◇
	Rotating beacon	2937001297	◇	◇		◇	
LG956L/958L with DDE Oil bath type air filter	2901004475		◇		◇	◇	

# MAIN PARAMETER



## PRODUCTS MODEL: LG958L ( Weichai Engine)

ENGINE MODEL	WD10G220E21	
RATED POWER/SPEED	162 kW 2200r/min	
TRANSMISSION	ZF Gearbox + Forward IV / Reverse III	
AXLE	SDLG axle	
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control	
QUICK COUPLER	No	No
RATED LOAD (kg)	5000	5000
MAX. DUMPING HEIGHT(mm)	3120	3120
LOAD CYCLE TIME (s)	11.3	≤11.3
MAX.BREAKOUT FORCE (KN)	180	≥180
DIMENSION (L×W×H) (mm)	8079×3024×3382	8079×3024×3382
OPERATING WEIGHT(kg)	16840	16600
INDENT NUMBER	E5812215A36	E5812215A39

## PRODUCTS MODEL: LG958L ( DDE Engine)



ENGINE MODEL	BF6M1013-21T2-1097	
RATED POWER/SPEED	160 kW 2200r/min	
TRANSMISSION	ZF Gearbox + Forward IV / Reverse III	
AXLE	SDLG axle	
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control	
QUICK COUPLER	No	No
RATED LOAD (kg)	5000	5000
MAX. DUMPING HEIGHT(mm)	3120	3120
LOAD CYCLE TIME (s)	≤11.3	≤11.3
MAX.BREAKOUT FORCE (KN)	≥180	≥180
DIMENSION (L×W×H) (mm)	8079×3024×3382	8079×3024×3382
OPERATING WEIGHT(kg)	16900	16900
INDENT NUMBER	E5816215A39	E5816215A36

# MAIN PARAMETER




## PRODUCTS MODEL: LG958L ( DDE Engine)

ENGINE MODEL	BF6M1013-T3
RATED POWER/SPEED	169 kW 2200r/min
TRANSMISSION	ZF Gearbox + Forward IV / Reverse III
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	No
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	3120
LOAD CYCLE TIME (s)	≤11.3
MAX.BREAKOUT FORCE (KN)	≥180
DIMENSION (L×W×H) (mm)	8079×3024×3382
OPERATING WEIGHT(kg)	16900
INDENT NUMBER	E5816215A3901





## CONFIGURATION: ENGINE

Brand & Photo	 <p>DDE Engine</p>		
Model	BF6M1013-T3	Fuel type	Diesel
Type	Inline, water-cooled , four-stroke, direct injection	Rated speed (r/min)	2200
Rated power (kW)	169	Rated fuel consumption (g/kW·h)	230
Displacement (ml)	7146	Number of cylinders	6
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	108/130
Compression ratio	18: 1	Emission	Tier III
Idle speed(r/min)	750~800	Maximum torque (N·m)	910
Net weight(kg)	720(Include accessory)		

## Configuration: Engine



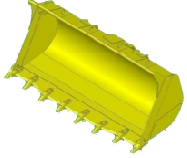
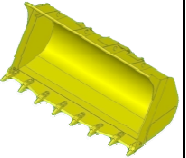
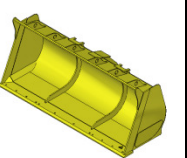
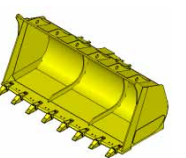
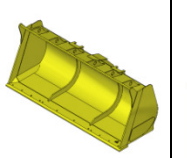
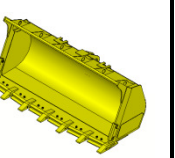
Item	Engine	
Photo		
Brand	Weichai	DDE
Model	WD10G220E21	BF6M1013-T2
Type	Inline, water-cooled , four-stroke , direct injection	Inline, water-cooled, four-stroke ,direct injection
Rated power (kW)	162	160
Displacement (ml)	9726	7146
Intake system	Turbo charger	Turbo charger
Compression ratio	17:1	18:1
Idle speed(r/min)	750±20r/min	750~800r/min
Emission	Tier II	Tier II
Fuel type	diesel	diesel
Rated speed(r/min)	2200	2200
Rated fuel consumption (g/kW•h)	225	230
Number of cylinders	6	6
Cylinder diameter/stroke (mm)	126/130	108/130
Maximum torque(N•m)	860	910
Net weight(kg)	1000	700 (Include accessory)

# ATTACHMENT LIST



**For Model: LG958L**



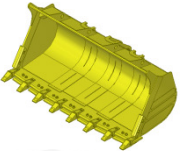
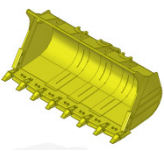
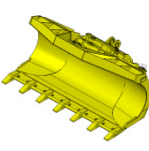
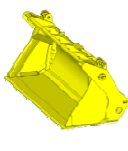

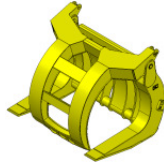
Option							
Name	Standard arm GP bucket 3.0m <sup>3</sup>	Bucket 2.8m <sup>3</sup>	LM bucket 3.6m <sup>3</sup> ( width 3300mm)	LM bucket 4.2m <sup>3</sup> ( protruding main cutting plate )	LM bucket 4.5m <sup>3</sup> (width 3300mm)	Rock bucket 2.0m <sup>3</sup>	
Code	1690100043	1690100044	1690100009	1690100091	1690100064	1690100090	
Bucket capacity (m <sup>3</sup> )	3.0	2.8	3.6	4.2	4.5	2.0	
Attachment Weight (kg)	1502	1453	1565	1816	1781	1395	
Attachment dimension(mm)	L	3024	3024	3300	3300	3300	3060
	W	1494	1430	1367	1811	1577	1316
	H	1377	1348	1364	1466	1485	1178
Rated load(t)	5.0	5.0	5.0	5.0	5.0	5.0	
Max. dumping height(mm)	3120	3180	3085	2945	2936	3281	
Dumping distance(mm)	1130	1090	1165	1307	1314	968	
Min. turning radius (attachment)(mm)	6746	6695	6812	6910	6860	6677	
Overall dimension of WL(mm)	L	8079	8016	7950	8380	8160	7900
	W	3024	3024	3300	3300	3300	3060
	H	3382	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥180	≥192	≥172	≥145	≥144	≥230	
Operating weight(kg)	16600	16551	16663	16914	16879	16493	
Indent number	E5812215A39/E5816215A3901/E5812215A36/E5816215A39/E5816215A36						

# ATTACHMENT LIST



**For Model: LG958L**



Option							
Name	Rock bucket 2.7m <sup>3</sup>	Rock bucket 3.0m <sup>3</sup>	Side dumping bucket 2.5m <sup>3</sup>	Multi-purpose Bucket	Pallet fork	Log grapple (single above clamp, width 2256mm, open size 1884mm)	
Code	1690100049	1690100099	1690100056	1690100068	1690100037	1690100061	
Bucket capacity (m <sup>3</sup> )	2.7	3.0	2.5	3.0	<u>length of the tines 1250mm</u>	/	
Attachment Weight (kg)	1745	1876	2496	1753	927	2276	
Attachment dimension(mm)	L	3060	3060	2950	3062	2470	2256
	W	1475	1535	1879	1404	1750	1958
	H	1320	1382	1594	1335	1289	1750
Rated load(t)	5.0	5.0	5.0	5.0	/	5	
Max. dumping height(mm)	3180	3120	/	3372	3214	3148	
Dumping distance(mm)	1090	1130	/	1305	1702	1989	
Min. turning radius (attachment)(mm)	6716	6746	6781	6665	6253	6646	
Overall dimension of WL(mm)	L	8055	8110	8150	7622	8022	8525
	W	3060	3060	2950	3062	2763	2785
	H	3382	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥190	≥180	≥181	≥231	/	≥123	
Operating weight(kg)	16843	16974	17594	16851	16026	17781	
Indent number	E5812215A39/E5816215A3901/E5812215A36/E5816215A39/E5816215A36						

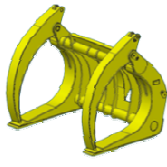
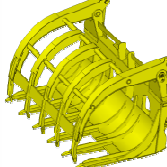
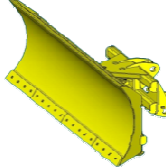
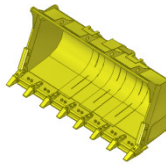




# ATTACHMENT LIST



**For Model: LG958L**



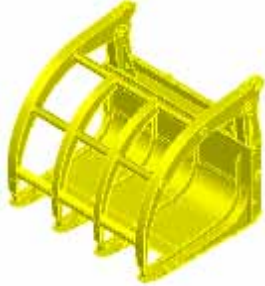
Option							
Name	Log grapple (dual above clamp, width 2622mm, open size 1633mm)	Grass grapple(width 2966mm, min. clamping diameter 1313mm, open size 3172mm)	Obstacle avoidance snow blade	LG95X rock bucket(3.0m <sup>3</sup> , with removable bucket tooth )	Log grapple (dual above clamp, width 2100mm, open size 2012mm)	LG956 heavy-duty snow blade (width 3800mm)	
Code	1690100030	1690100013	1690100014	1690100187	1690100206	1690100217	
Bucket capacity (m <sup>3</sup> )	/	/	/	3.0	/	/	
Attachment Weight (kg)	1696	2658	1810	1895	1878	2100	
Attachment dimension(mm)	L	2658	2966	3500	3060	2100	3800
	W	1707	2063	1615	1548	1719	1615
	H	1474	1972	1100	1378	1891	1100
Rated load(t)	5.0	4.0	/	5.0	5.0	/	
Max. dumping height(mm)	3059	2710	/	3120	2850	/	
Dumping distance(mm)	1613	1782	/	1130	1403	/	
Min. turning radius (attachment)(mm)	6588	6968	6986	6735	6449	7172	
Overall dimension of WL(mm)	L	8279	8629	7947	8130	8286	7885
	W	2785	2966	3500	3060	2785	3800
	H	3382	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥147	≥115	/	≥180	≥124	/	
Operating weight(kg)	17200	18163	16908	16693	17383	17198	
Indent number	E5812215A39/E5816215A3901/E5812215A36/E5816215A39/E5816215A36						

# ATTACHMENT LIST



**For Model: LG958L**



Option					
Name	Tree grapple(width 2500mm, clamping diameter 1380mm, open size 3263mm)	Rated load(t)	3.0	Min. turning radius (tyre) (mm)	6039
Code	1690100191	Max. dumping height(mm)	2480	Max. Breakout force(KN)	≥91
Bucket capacity (m <sup>3</sup> )	/	Dumping distance(mm)	1721	Operating weight(kg)	18485
Attachment Weight (kg)	2688	Min. turning radius(attachment ) (mm)	6901	Indent Number	E5812215A39 E5816215A3901 E5812215A36
Attachment dimension(mm)	L	2500	Overall dimension of WL(mm)	L	8911
	W	2232		W	2785
	H	1973		H	3382

# CONFIGURATION LIST



## Model : LG958N

Indent number			□5822215A2901
Standard	Engine	Weichai WD10G220E22	√
	Transmission system	VRT200 gearbox 、 SDLG axle	√
	Hydraulic system	Pilot control single handle	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	Standard cab	√
	Cooling/Heating system	A/C	√
Attachment	Name	Code	
	LM bucket 3.6m <sup>3</sup>	1690100173	○
	LM bucket 4.5m <sup>3</sup>	1690100174	○
	Rock bucket	1690100184	○
	GP bucket 2.8m <sup>3</sup> (protruding cutting plate)	1690100202	●
	GP bucket 2.8m <sup>3</sup> (flat cutting plate)	1690100211	○
Optional	Name	Code	
	Radial tubeless tyre (replace standard tyre)	2907001902 (2907001519+2909000959)	△
	20PR 23.5-25-20PR-L3 tyre (replace standard tyre)	4110001533 (4110000582+4110000006)	△
	Tubeless tyre (replace tube tyre)	2907002126 (2907001519+2909000959)	△
	Tubeless tyre (replace tube tyre)	2907002126 (2907001519+2909000959)	△
Optional	Name	Code	
	LM bucket wear plate	2917004215	△

# MAIN PARAMETER




## PRODUCT MODEL: LG958N ( Weichai Engine)

ENGINE MODEL	WD10G220E22
RATED POWER/SPEED	162 kW 2100 r/min
TRANSMISSION	VRT200 Gearbox
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	No
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	3110
LOAD CYCLE TIME (s)	≤11.8
MAX.BREAKOUT FORCE (KN)	≥180
DIMENSION (L×W×H) (mm)	8250×3060×3450
OPERATING WEIGHT(kg)	17300
INDENT NUMBER	5822215A2901



## CONFIGURATION: ENGINE

Brand & Photo	Weichai Engine 		
Model	WD10G220E22	Fuel type	diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2100
Rated power (kW)	162	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	17:1	Emission	Tier II
Idle speed(r/min)	750±20	Maximum torque (N·m)	920
Net weight(kg)	1000		

# ATTACHMENT LIST



**For Model: LG958N**



Option						
Name	GP bucket 2.8m <sup>3</sup> (protruding cutting plate)	GP bucket 2.8m <sup>3</sup> (flat cutting plate)	LM bucket 3.6m <sup>3</sup>	LM bucket 4.5m <sup>3</sup>	Rock bucket	
Code	1690100202	1690100211	1690100173	1690100174	1690100184	
Bucket capacity (m <sup>3</sup> )	2.8	2.8	3.6	4.5	2.8	
Attachment Weight (kg)	1606	1524	1494	1678	1762	
Attachment dimension(mm)	L	3060	3024	3016	3016	3090
	W	1661	1510	1438	1648	1661
	H	1368	1370	1330	1423	1335
Rated load(t)	5.0	5.0	5.0	5.0	5.0	
Max. dumping height(mm)	3110	3180	3105	2960	3110	
Dumping distance(mm)	1150	1080	1155	1300	1150	
Min. turning radius (attachment)(mm)	6880	6866	6522	6890	6880	
Overall dimension of WL(mm)	L	8250	8100	8030	8237	8250
	W	3060	3024	3016	3016	3090
	H	3450	3450	3450	3450	3450
Min. turning radius (tyre)(mm)	6200	6200	6200	6200	6200	
Max. breakout force (KN)	≥180	≥197	≥180	≥152	≥180	
Operating weight(kg)	17300	17220	17188	17372	17454	
Indent number	5822215A2901					

# CONFIGURATION LIST



## Model : LG958L(CE)

Indent number			□C5811215AK6	
Standard	Engine	SDLG D7E	√	
	Transmission system	ZF gearbox、SDLG axle	√	
	Hydraulic system	Pilot control single handle	√	
	Boom	Standard boom	√	
	Control valve	3-joint valve	√	
	Brake system	Dual brake pedal	√	
	Cab	FOPS&ROPS	√	
	Cooling/Heating system	A/C	√	
	Quick coupler	Quick coupler	√	
	Others	Start interlocking		√
		Engine Tachometer		√
		Fuel tank lock		√
		Hose for Inflating tyre		√
Tiltable steering colum			√	
Radio			√	
Rotating beacon		√		
Attachment	Name	Code		
	Quicke coupler GP bucket (3.0m <sup>3</sup> , prevent shake off)	1690100203	●	
	Quicke coupler LM bucket(4.5m <sup>3</sup> )	1690100166	○	
	Quicke coupler pallet fork	1690100167	○	
Optional	Name	Code		
	20 PR L5 tyre (replace standard tyre)	4110001969 (4110000582+4110000006)	△	
	Tubeless radial tyre (replace standard tyre)	2907001902 (2907001519+2909000959)	△	
	20 PR tyre 23.5-25-20PR-L3 (replace standard tyre)	4110001533 (4110000582+4110000006)	△	
	Tubeless tyre (replace tube tyre)	2907002126 (2907001519+2909000959)	△	

# MAIN PARAMETER




## PRODUCT MODEL: LG958L(CE) ( SDLG Engine)



ENGINE MODEL	SDLG D7E
RATED POWER/SPEED	162 kW 2100 r/min
TRANSMISSION	ZF gearbox
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	Yes
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	2945
LOAD CYCLE TIME (s)	≤12.64
MAX.BREAKOUT FORCE (KN)	≥152
DIMENSION (L×W×H) (mm)	8304×3016×3545
OPERATING WEIGHT(kg)	18170
INDENT NUMBER	C5811215AK6

## CONFIGURATION: ENGINE



Engine & Photo	 <p>SDLG Engine</p>		
Engine Model	SDLG D7E	Type of fuel	diesel
Engine Type	Inline, water-cooled, four-stroke, direct injection	Engine rated speed	2100
Engine Power (KW)	162	Rated fuel consumption r	229
Displacement (ml)	7146	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke	108/130
Compression ratio	18:1	Emission	Tier III
Idle speed	750	Maximum torque	1050
Net weight	730		

# ATTACHMENT LIST



For Model: **LG958L(CE)**



Option			
Name	Quick coupler GP bucket 3.0m <sup>3</sup> (anti-shake off)	Quick coupler LM Bucket 4.5 m <sup>3</sup>	Quick coupler pallet fork
Code	1690100203	1690100166	1690100167
Bucket capacity (m <sup>3</sup> )	3.0	4.5	<u>length of the tines</u> <u>1250mm</u>
Attachment Weight (kg)	1661	1918	938
Attachment dimension(mm)	L	3016	2470
	W	1431	1726
	H	1365	1289
Rated load(t)	5.0	5.0	/
Max. dump height(mm)	2945	2786	2708
Dumping distance(mm)	1300	1460	1599
Min. turning radius (attachment)(mm)	6775	6820	6266
Overall dimension of WL(mm)	L	8304	8387
	W	3016	2780
	H	3545	3545
Min. turning radius (tyre)(mm)	6040	6040	6040
Max. breakout force (KN)	≥152	≥131	/
Operating weight(kg)	18170	18427	17447
Indent number	C5811215AK6		



# CONFIGURATION LIST



## Model : LG959

Indent number			E5912225 A39	E5916225A K601
Standard	Engine	DDE BF6M1013(T2)		√
		Weichai WD10G220E21	√	
	Transmission system	ZF gearbox , ZF axle	√	√
	Hydraulic system	Pilot control single handle	√	√
	Boom	Standard boom	√	√
	Control valve	3-joint valve	√	√
	Brake system	Dual brake pedal	√	√
	Cab <sup>a</sup>	Standard	√	
		FOPS&ROPS		√
	Cooling/Heating system	A/C(2935001053)		√
		A/C(2935000985)	√	
	Quick coupler	Quick coupler		√
	Others	Start interlocking	√	√
		Engine Tachometer	√	√
		Fuel tank lock	√	√
Hose for Inflating tyre		√	√	
Tiltable steering column		√	√	
Radio		√	√	
Rotating beacon			√	
Attachment	Name	Code		
	GP bucket 3.0m <sup>3</sup> (standard arm)	1690100043	•	
	Bucket 2.8m <sup>3</sup>	1690100044	○	
	LM bucket 3.6m <sup>3</sup> (width 3300mm)	1690100009	○	
	LM bucket 4.2m <sup>3</sup> (protruding main cutting plate )	☆1690100091	○	
	LM bucket4.5m <sup>3</sup> ( width 3300mm)	☆1690100064	○	
	Rock bucket 2.0m <sup>3</sup>	☆1690100090	○	
	Rock bucket 2.7m <sup>3</sup>	1690100049	○	
	Rock bucket 3.0m <sup>3</sup>	1690100099	○	
	LG95X Rock bucket (3.0m <sup>3</sup> , with removable bucket teeth)	1690100187	○	
	Side dumping bucket2.5m <sup>3b</sup>	1690100056	○	
	GP pallet fork	☆1690100037	○	
	Log grapple (dual above clamp,width 2622mm,open size 1633mm) <sup>b</sup>	1690100030	○	
	Log grapple (single above clamp,width 2256mm,open size 1884mm) <sup>b</sup>	☆1690100061	○	
	Loggrapple (dual above clamp,width 2100mm , open size 2012mm)	1690100206	○	
	Grass grapple(width 2966,min. grasp diameter 1313mm,open size 3172mm) <sup>b</sup>	☆1690100013	○	
	LG956 heavy snow blade(blade width 3800)	1690100217	○	
	Snow blade <sup>b</sup>	☆1690100014	○	
	Multi-purpose bucket	1690100068	○	
	Tree branch grapple(width 2500mm, clamping diameter 1380mm, open size 3263mm)	1690100191	○	
LG959 Quick coupler GP bucket(3.0m <sup>3</sup> , prevent shake off)	1690100203		•	
LG959 Quick coupler LM bucket ( 4.5m <sup>3</sup> )	1690100166		○	
Quick coupler pallet fork	1690100167		○	

Continue →

# CONFIGURATION LIST



## Model : LG959

	Name	Code	E5912 225A39	E5916 225AK601
Optional	20 tubeless tyre <sup>c</sup> (replace tube tyre)	2907001394 (2907001242/2907000905)	△	△
	20PR L-5 tyre (replace standard tyre)	2907001487 (2907001242+2907000905)	△	△
	Radial tubeless tyre (replace tube tyre)	2907000997 (2907001242+2907000905)	△	△
	Desert type tyre (replace standard tyre)	4110001966+4110000579 (4110000582+4110000006)	△	△
	20 PR L5 tyre (replace standard tyre)	4110001969 (4110000582+4110000006)	△	△
	20 PR tyre 23.5-25-20PR-L3 (replace standard tyre)	4110001533 (4110000582+4110000006)	△	△
	Larger counter weight 1800kg (replace standard counter weight 1400kg)	2928001060 (2928000819)	△	△
	GP bucket +wear plate (replace standard arm GP bucket )	2917003707+2917004215 (1690100043)	△	
	Swing out window lattice engine hood (fixed window lattice engine hood)	2933003186 (2933001916)	△	
	Cold region coolant and hydraulic oil module (45/265) (replace coolant and hydraulic oil module(45/265)	2940000099 (2940000072)	△	
	Cold region coolant and hydraulic oil module (45/275) (replace coolant and hydraulic oil module(45/275)	2940000101 (2940000108)		△
	High temperature condition hydraulic oil module viscosity 68(265L) (replace normal hydraulic oil module viscosity 46(265L))	2940000155 (2940000154)	△	
	High temperature condition hydraulic oil module viscosity 68(275L) (replace normal hydraulic oil module viscosity 46(275L))	2940000159 (2940000158)		△
	Optional	Name	Code	
The third hydraulic connection <sup>d</sup>		2912001649	◇	
The third hydraulic connection <sup>d e</sup>		2912001993	◇	
LM bucket wear plate		2917003244	◇	
GP bucket wear plate		2917003651	◇	
Rotating beacon		2937001297	◇	

Remark :

- a. The cab of machine with DDE engine equipped with laminated glass ;
- b. The machine with this option must be equipped with third connection ;
- c. Normal tubeless tyre means construction machines bias tyre ;
- d. The third connection includes the pilot control valve and pipes to master valve , pipes from master valve to boom ;
- e. Special for Australia

# MAIN PARAMETER



## PRODUCT MODEL: LG959 ( Weichai Engine)



ENGINE MODEL	WD10G220E21 (G0312)
RATED POWER/SPEED	162 kW 2200r/min
TRANSMISSION	ZF Fixed axle electro-hydraulic shift+ Forward IV/ Reverse III
AXLE	ZF axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	NO
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	3120
LOAD CYCLE TIME (s)	≤11.3
MAX.BREAKOUT FORCE (KN)	≥180
DIMENSION (L×W×H) (mm)	8079×3024×3382
OPERATING WEIGHT(kg)	16600
INDENT NUMBER	E5912225A39



## PRODUCT MODEL: LG959 (DDE Engine)



ENGINE MODEL	BF6M1013-21T2-1097
RATED POWER/SPEED	160kW 2200r/min
TRANSMISSION	ZF Fixed axle electro-hydraulic shift+ Forward IV/ Reverse III
AXLE	ZF axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	YES
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	2860
LOAD CYCLE TIME (s)	≤11.3
MAX.BREAKOUT FORCE (KN)	≥140
DIMENSION (L×W×H) (mm)	8390×3016×3382
OPERATING WEIGHT(kg)	17480
INDENT NUMBER	E5916225AK601

## CONFIGURATION: ENGINE



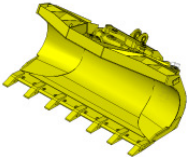


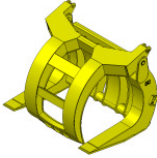
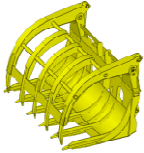
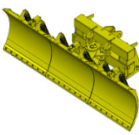
Item	Engine	
Photo		
Brand	Weichai	DDE
Model	WD10G220E21	BF6M1013-21T2-1097
Type	Inline, water-cooled, four-stroke ,direct injection	Inline, water-cooled, four-stroke, direct injection
Rated power (kW)	162	160
Displacement (ml)	9726	7146
Intake system	Turbo charger	Turbo Charger
Compression ratio	17: 1	18:1
Idle speed(r/min)	750±20	750~800
Emission	Tier II	Tier II
Fuel type	diesel	diesel
Rated speed(r/min)	2200	2200
Rated fuel consumption (g/kW·h)	225	230
Number of cylinders	6	6
Cylinder diameter/stroke (mm)	126/130	108/130
Maximum torque(N·m)	860	910
Net weight(kg)	1000	700 (Include accessory)

# ATTACHMENT LIST



For Model: LG959



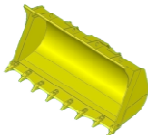
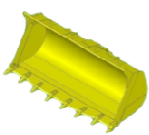
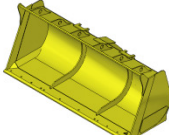
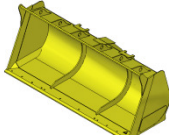
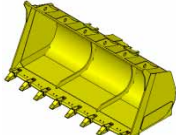
Option							
Name	Side dumping bucket	GP pallet fork	Log Grapple (dual above clamp,width 2622mm,open size 1633mm)	Log Grapple (single above clamp,width 2256mm,open size 1884mm)	Grass grapple(width 2966mm ,min. clamping diameter 1313mm,open size 3172mm)	Snow blade	
Code	1690100056	1690100037	1690100030	1690100061	1690100013	1690100014	
Bucket capacity (m <sup>3</sup> )	2.5	<u>length of the tines 1250mm</u>	/	/	/	/	
Attachment Weight (kg)	2496	928	1696	2276	2658	1810	
Attachment dimension(mm)	L	2950	2470	2658	2256	2966	3500
	W	1879	1745	1707	1958	2063	1615
	H	1594	1289	1474	1750	1972	1100
Rated load(t)	5.0	/	5	5	4.0	/	
Max. dumping height(mm)		3214	3059	3148	2710	/	
Dumping distance(mm)		1702	1613	1989	1782	/	
Min. turning radius (attachment)(mm)	6781	6253	6588	6646	6968	7036	
Overall dimension of WL(mm)	L	8150	8022	8279	8525	8629	7885
	W	2950	2763	2785	2785	2966	3500
	H	3382	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥181	/	≥147	≥123	≥115	/	
Operating weight(kg)	17594	16026	17200	17781	18163	16908	
Indent number	E5912225A39						

# ATTACHMENT LIST



For Model: LG959



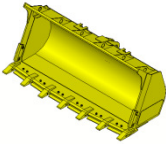
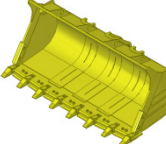
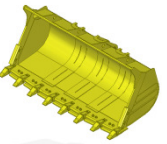
Option					
Name	GP bucket (Standard arm)	Bucket	LM bucket (width 3300mm)	LM bucket (width 3300mm)	LM bucket ( protruding main cutting plate )
Code	1690100043	1690100044	1690100009	1690100064	1690100091
Bucket capacity (m <sup>3</sup> )	3.0	2.8	3.6	4.5	4.2
Attachment Weight ( kg )	1502	1453	1565	1781	1816
Attachment dimension(mm)	L	3024	3024	3300	3300
	W	1494	1430	1367	1577
	H	1377	1348	1364	1485
Rated load(t)	5.0	5.0	5.0	5.0	5.0
Max. dumping height(mm)	3120	3180	3085	2936	2945
Dumping distance(mm)	1130	1090	1165	1314	1307
Min. turning radius (attachment)(mm)	6746	6695	6775	6860	6910
Overall dimension of WL(mm)	L	8097	8016	7950	8160
	W	3024	3024	3300	3300
	H	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036
Max. breakout force (KN)	≥180	≥192	≥172	≥144	≥145
Operating weight(kg)	16600	16551	16663	16879	16914
Indent number	E5912225A39				

# ATTACHMENT LIST



**For Model: LG959**



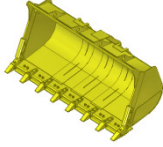

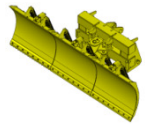
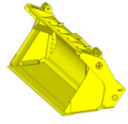
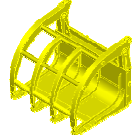
Option			
Name	Rock bucket	Rock bucket	Rock bucket
Code	1690100090	1690100049	1690100099
Bucket capacity (m <sup>3</sup> )	2.0	2.7	3.0
Attachment Weight (kg)	1395	1745	1876
Attachment dimension(mm)	L	3060	3060
	W	1316	1475
	H	1178	1320
Rated load(t)	5.0	5.0	5.0
Max. dumping height(mm)	3281	3180	3120
Dumping distance(mm)	968	1090	1130
Min. turning radius (attachment)(mm)	6677	6716	6746
Overall dimension of WL(mm)	L	7900	8055
	W	3060	3060
	H	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036
Max. breakout force (KN)	≥230	≥190	≥180
Operating weight(kg)	16493	16843	16974
Indent number	E5912225A39		

# ATTACHMENT LIST



**For Model: LG959**



Option						
Name	LG95X Rock bucket (3.0m <sup>3</sup> , with removable bucket tooth)	Log Grapple (dual above clamp, width 2100mm, open size 2012mm)	LG956 Heavy-duty snow blade (width 3800)	Multi-purpose bucket	Tree branch grapple (width 2500mm, clamping diameter 1380mm, open size 3263mm)	
Code	1690100187	1690100206	1690100217	1690100068	1690100191	
Bucket capacity (m <sup>3</sup> )	3.0	/	/	3.0	/	
Attachment Weight (kg)	1895	1878	2100	1753	2688	
Attachment dimension (mm)	L	3060	2100	3800	3062	2500
	W	1548	1719	1615	1404	2232
	H	1378	1891	1100	1335	1973
Rated load (t)	5.0	5.0	/	5.0	3.0	
Max. dumping height (mm)	3120	2850	/	3372	2480	
Dumping distance (mm)	1130	1403	/	1305	1721	
Min. turning radius (attachment) (mm)	6735	6449	7172	6665	6901	
Overall dimension of WL (mm)	L	8130	8286	7885	7622	8911
	W	3060	2785	3800	3062	2785
	H	3382	3382	3382	3382	3382
Min. turning radius (tyre) (mm)	6036	6036	6036	6036	6039	
Max. breakout force (KN)	≥180	≥124	/	≥231	≥91	
Operating weight (kg)	16993	17383	17198	16851	18485	
Indent number	E5912225A39					



# ATTACHMENT LIST



**For Model: LG959**



Option			
Name	LG959 Quick coupler GP bucket (3.0m <sup>3</sup> , anti-shake off)	Quick coupler GP bucket	Quick coupler pallet fork
Code	1690100203	1690100166	1690100167
Bucket capacity (m <sup>3</sup> )	3.0	4.5	<u>length of the tines</u> <u>1250mm</u>
Attachment Weight (kg)	1661	1918	938
Attachment dimension(mm)	L	3016	2470
	W	1431	1726
	H	1365	1289
Rated load(t)	5.0	5.0	/
Max. dumping height(mm)	2860	2700	3107
Dumping distance(mm)	1410	1570	1966
Min. turning radius (attachment)(mm)	6800	6860	6214
Overall dimension of WL(mm)	L	8280	8313
	W	3016	2763
	H	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036
Max. breakout force (KN)	≥120	≥104	/
Operating weight(kg)	17480	17737	16036
Indent number	E5916225AK601		

# CONFIGURATION LIST



## Model : LG968

Indent number			E6812213A39	
Standard	Engine	Weichai WD10G240E21	√	
	Transmission system	ZF gearbox SDLG axle	√	
	Hydraulic system	Pilot control single handle	√	
	Boom	Standard boom	√	
	Control valve	3-joint valve	√	
	Brake system	Dual brake pedal	√	
	Cab	Standard		√
		FOPS&ROPS		
	Cooling/Heating system	A/C	√	
	Others	Start interlocking		√
		Engine Tachometer		√
		Fuel tank lock		√
		Hose for Inflating tyre		√
Tiltable steering column			√	
Radio			√	
	Rotating beacon			
Attachment	Name	Code		
	GP bucket	1690600005	●	
	LM bucket 4.5m <sup>3g</sup>	1690600020	○	
	LM bucket 5.0 m <sup>3</sup> (width 3.3m) <sup>g</sup>	1690600015	○	
	LM bucket 5.0 m <sup>3</sup> (width 3m) <sup>e</sup>	1690600028	○	
	LM bucket 5.5m <sup>3g</sup>	1690600021	○	
	Rock bucket 3.0m <sup>3</sup> (trapezoid main cutting plate)	1690600022	○	
	High dumping bucket 3.5m <sup>3</sup>	1690600029	○	
	Pallet fork	☆1690600003	○	
	Log grapple(dual above clamp, width 2690mm,open size1674mm) <sup>a</sup>	☆1690600004	○	
	Obstacle avoidance snow blade <sup>a</sup>	☆1690600011	○	

continue→

# CONFIGURATION LIST



## Model : LG968

	Name	Code	E6812213A39
Optional	20 PR Tubeless tyre <sup>b</sup> (replace tube tyre)	2907001253 (2907001530+2907001202)	△
	Desert tyre (replace standard tyre)	4110001967+4110001966 (4110001533+4110000582)	△
	20 PR L5 tyre (replace standard tyre)	4110001969 (4110001533+4110000582)	△
	Dual handles (replace single handle)	2912001582 (2912001581)	△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△
	Swing out window lattice engine hood (fixed window lattice engine hood)	2933003186 (2933001916)	△
	High temperature condition rotatable cooling system (Standard cooling module)	2903002629+2933003788 (2903000990+2933001916)	△
	Cold region coolant and hydraulic oil module(45/270) ( replace coolant and hydraulic oil module(45/270 ) )	2940000102 (2940000109)	△
	High temperature condition hydraulic oil module viscosity 68(270L) (normal hydraulic oil module viscosity 46(270L))	2940000157 (2940000156)	△
Optional	Name	Code	
	The third hydraulic connection <sup>c</sup>	2912001673	◇
	The third hydraulic connection <sup>cd</sup>	2912002267	◇
	LM bucket wear plate <sup>f</sup>	2917004215	◇
	LM bucket wear plate <sup>h</sup>	2917003244	◇
	Rotating beacon	2937001297	◇
	Weichai cold booting module	2901002295	◇
LG968 Oil bath type air filter	2901004295	◇	

Remark :

- a. The machine with this option must be equipped with third connection ;
- b. Normal tubeless tyre means construction machines bias tyre ;
- c. The third connection includes the pilot control valve and pipes to master valve , pipes from master valve to boom ;
- d. Special for Australia ;
- f. Machine with bucket e can equip this option ;
- h. Machine with bucket g can equip this option.

# MAIN PARAMETER




## PRODUCT MODEL: LG968 (Weichai Engine)



ENGINE MODEL	WD10G240E21
RATED POWER/SPEED	175kW 2200r/min
TRANSMISSION	ZF Fixed axle electro-hydraulic shift+ Forward IV/ Reverse III
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	NO
RATED LOAD (kg)	6000
MAX. DUMPING HEIGHT(mm)	3250mm
LOAD CYCLE TIME (s)	≤12
MAX.BREAKOUT FORCE (KN)	≥198
DIMENSION (L×W×H) (mm)	8362×3210×3380
OPERATING WEIGHT(kg)	18400
INDENT NUMBER	E6812213A39

## CONFIGURATION: ENGINE



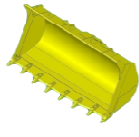
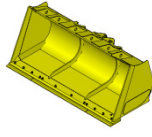
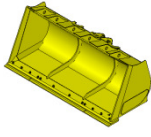
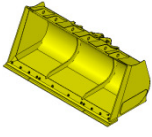
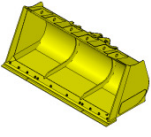
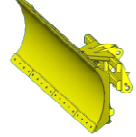
Brand & Photo	Weichai Engine 		
Model	WD10G240E21	Fuel type	diesel
Type	Inline, water-cooled , four-stroke ,direct injection	Rated speed (r/min)	2200
Rated power (kW)	175	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	17: 1	Emission	Tier II
Idle speed(r/min)	750±20	Maximum torque (N·m)	920
Net weight(kg)	1000		

# ATTACHMENT LIST



For Model: LG968



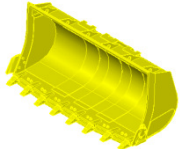

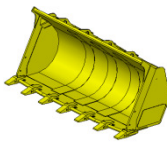
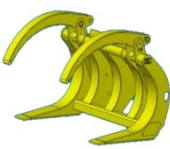
Option							
Name	GP bucket	LM bucket	LM bucket(width 3300mm)	LM bucket(width 3000mm)	LM bucket	Snow blade	
Code	1690600005	1690600020	1690600015	1690600028	1690600021	1690600011	
Bucket capacity (m <sup>3</sup> )	3.5	4.5	5.0	5.0	5.5	/	
Attachment Weight (kg)	1852	2007	2117	1803	2004	1810	
Attachment dimension(mm)	L	3210	3300	3300	3016	3300	3500
	W	1574	1645	1730	1728	1795	1615
	H	1435	1503	1557	1554	1586	1105
Rated load(t)	6.0	6.0	6.0	6.0	6.0	/	
Max. dumping height(mm)	3250	3114	3040	3000	2994	/	
Dumping distance(mm)	1033	1169	1220	1282	1266	/	
Min. turning radius (attachment)(mm)	7335	7521	7561	7490	7592	7423	
Overall dimension of WL(mm)	L	8362	8442	8503	8527	8568	8358
	W	3210	3300	3300	3016	3300	3500
	H	3380	3380	3380	3380	3380	3380
Min. turning radius (tyre)(mm)	6721	6721	6721	6721	6721	6721	
Max. breakout force (KN)	≥198	≥169	≥159	≥150	≥152	/	
Operating weight(kg)	18400	18555	18665	15681	18552	18358	
Indent number	E6812213A39						

# ATTACHMENT LIST



**For Model: LG968**



Option				
Name	Rock bucket	Pallet fork	High dumping bucket	Log Grapple (dual above clamp,width 2690mm,open size 1674mm) <sup>a</sup>
Code	1690600022	1690600003	1690600029	1690600004
Bucket capacity (m <sup>3</sup> )	3.0	<u>length of the tines 1410mm</u>	3.5	/
Attachment Weight (kg)	1989	988	1898	2308
Attachment dimension(mm)	L	3243	2100	2915
	W	1612	2048	1712
	H	1352	960	1540
Rated load(t)	6.0	/	6.0	6.0
Max. dumping height(mm)	3257	3092	4855	2999
Dumping distance(mm)	1041	1674	1253	1515
Min. turning radius (attachment)(mm)	7340	6698	7058	7049
Overall dimension of WL(mm)	L	8747	8647	8100
	W	3243	2780	2915
	H	3382	3382	3382
Min. turning radius (tyre)(mm)	6721	6721	6721	6721
Max. breakout force (KN)	≥199	/	≥189	≥155
Operating weight(kg)	18738	17536	18446	18796
Indent number	E6812213A39			

# CONFIGURATION LIST



## Model : LG968N

Indent number			□E6822215A39	□6822215A2902
Standard	Engine	Weichai WD10G240E22	√	
		Weichai WD10G240E202		√
	Transmission system	VRT200 gearbox , SDLG axle	√	√
	Hydraulic system	Pilot control ,load sensing	√	√
	Boom	Standard boom	√	√
		2-joint valve		√
	Control valve	3-joint valve	√	
		Cab	Standard	√
Cooling/Heating system	A/C	√	√	
Attachment	Name	Code		
	LG968N GP bucket(3.5m <sup>3</sup> , protruding cutting plate)	1690600026	●	●
	LG968N GP bucket(3.5m <sup>3</sup> ,flat cutting plate)	1690600046	○	○
	LG968N LM bucket ( 4.5m <sup>3</sup> ) <sup>a</sup>	1690600032	○	○
	LG968N LM bucket ( 4.5m <sup>3</sup> ,width 3300mm ) <sup>b</sup>	1690600038	○	○
	LG968N LM bucket ( 5.0m <sup>3</sup> ) <sup>a</sup>	1690600033	○	○
	LG968N LM bucket ( 5.5m <sup>3</sup> ) <sup>a</sup>	1690600034	○	○
	LG968N LM bucket ( 5.0m <sup>3</sup> , width 3300mm ) <sup>b</sup>	1690600042	○	○
	LG968N LM bucket ( 5.5m <sup>3</sup> , width 3300mm ) <sup>b</sup>	1690600043	○	○
	Rock bucket 3.0m <sup>3</sup>	1690600044	○	○
LG968N HD bucket ( 3.5m <sup>3</sup> , higher bucket bottom )	1690600047	○	○	
Optional	Name	Code		
	Hydraulic operation dual handles (replace Hydraulic operation single handle)	2912002516 (2912002521)	△	△
	Hydraulic operation three handles (replace Hydraulic operation single handle))	2912002524 (2912002521)	△	
Optional	Name	Code		
	Wear plate ( width 3000mm ) <sup>c</sup>	2917004215	◇	◇
	Wear plate ( width3300mm ) <sup>d</sup>	2917003244	◇	◇
	LG968N oil bath type air filter	2901004569	◇	
Remark :				
a. Machine with this LM bucket equip wear plate c;				
b. Machine with this LM bucket equip wear plate d.				

# MAIN PARAMETER



## PRODUCTS MODEL: LG968N ( Weichai Engine)



ENGINE MODEL	WD10G240E22
RATED POWER/SPEED	175 kW 2100 r/min
TRANSMISSION	VRT200 gearbox
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	NO
RATED LOAD (kg)	6000
MAX. DUMPING HEIGHT(mm)	3260 mm
LOAD CYCLE TIME (s)	≤12.2
MAX.BREAKOUT FORCE (KN)	≥210
DIMENSION (L×W×H) (mm)	8560 × 3220 × 3550
OPERATING WEIGHT(kg)	20210
INDENT NUMBER	E6822215A39

## PRODUCTS MODEL: LG968N ( Weichai Engine)





ENGINE MODEL	WD10G240E202
RATED POWER/SPEED	178 kW 2100 r/min
TRANSMISSION	VRT200 gearbox
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	NO
RATED LOAD (kg)	6000
MAX. DUMPING HEIGHT(mm)	3260 mm
LOAD CYCLE TIME (s)	≤12.2
MAX.BREAKOUT FORCE (KN)	≥210
DIMENSION (L×W×H) (mm)	8560 × 3220 × 3440
OPERATING WEIGHT(kg)	19400
INDENT NUMBER	6822215A2902





## Configuration: Engine

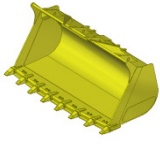
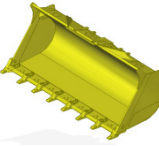
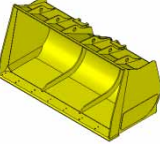
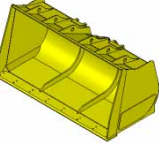
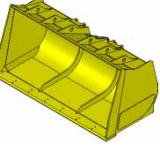
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Photo		
Brand	Weichai	Weichai
Model	WD10G240E22	WD10G240E202
Type	Inline, water-cooled, four-stroke, direct injection	Inline, water-cooled, four-stroke, direct injection
Rated power (kW)	175	178
Displacement (ml)	9726	9726
Intake system	Turbo charger	Turbo charger
Compression ratio	17:1	17:1
Idle speed(r/min)	750±20	750±20
Emission	GB 20891-2007	GB 20891-2007
Fuel type	diesel	diesel
Rated speed(r/min)	2100	2100
Rated fuel consumption (g/kW·h)	225	230
Number of cylinders	6	6
Cylinder diameter/stroke (mm)	126/130	126/130
Maximum torque(N·m)	960	1100
Net weight(kg)	1000	1000

# ATTACHMENT LIST



**For Model: LG968N**



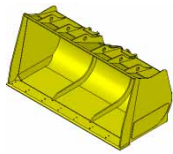
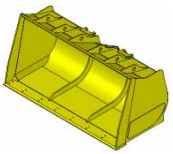
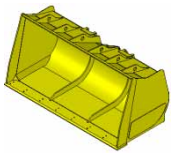
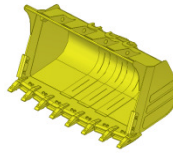
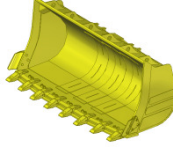
Option						
Name	LG968N GP bucket(3.5m <sup>3</sup> , protruding cutting plate)	LG968N GP bucket(3.5m <sup>3</sup> , flat cutting plate)	LG968N LM Bucket (4.5m <sup>3</sup> )	LG968N LM Bucket (4.5m <sup>3</sup> ,width 3300)	LG968N LM Bucket(5.0m <sup>3</sup> )	
Code	1690600026	1690600046	1690600032	1690600038	1690600033	
Bucket capacity (m <sup>3</sup> )	3.5	3.5	4.5	4.5	5.0	
Attachment Weight (kg)	2027	1871	1720	1800	1797	
Attachment dimension(mm)	L	3220	3200	3016	3300	3016
	W	1783	1676	1678	1608	1778
	H	1473	1473	1423	1395	1471
Rated load(t)	6.0	6.0	6.0	6.0	6.0	
Max. dumping height(mm)	3260	3280	3180	3229	3109	
Dumping distance(mm)	1100	1050	1180	1131	1251	
Min. turning radius (attachment)(mm)	7086	7125	7030	7143	7058	
Overall dimension of WL(mm)	L	8560	8453	8455	8355	8555
	W	3220	3200	3016	3300	3016
	H	3550	3550	3550	3550	3550
Min. turning radius (tyre)(mm)	6400	6400	6400	6400	6400	
Max. breakout force (KN)	≥210	≥223	≥192	≥203	≥180	
Operating weight(kg)	20210	20054	19903	19983	19980	
Indent number	E6822215A39/6822215A2902					

# ATTACHMENT LIST



**For Model: LG968N**



Option						
Name	LG968N LM Bucket (5.5m <sup>3</sup> )	LG968N LM Bucket (5.0m <sup>3</sup> , width 3300)	LG968N LM Bucket (5.5m <sup>3</sup> , width 3300mm)	LG968N HD bucket (3.5m <sup>3</sup> , higher bucket bottom)	Rock bucket 3.0m <sup>3</sup>	
Code	1690600034	1690600042	1690600043	1690600047	1690600044	
Bucket capacity (m <sup>3</sup> )	5.5	5.0	5.5	3.5	3.0	
Attachment Weight (kg)	1875	1860	1940	2220	2023	
Attachment dimension(mm)	L	3016	3300	3300	3220	3253
	W	1878	1668	1768	1804	1628
	H	1503	1423	1471	1444	1338
Rated load(t)	6.0	6.0	6.0	6.0	6.0	
Max. dumping height(mm)	3038	3186	3116	3260	3384	
Dumping distance(mm)	1322	1174	1244	1100	976	
Min. turning radius (attachment)(mm)	7085	7158	7185	7120	7100	
Overall dimension of WL(mm)	L	8655	8445	8545	8581	8405
	W	3016	3300	3300	3220	3253
	H	3550	3550	3550	3550	3550
Min. turning radius (tyre)(mm)	6400	6400	6400	6400	6400	
Max. breakout force (KN)	≥169	≥194	≥181	≥210	≥241	
Operating weight(kg)	20058	20043	20123	20403	20206	
Indent number	E6822215A39/6822215A2902					

# CONFIGURATION LIST



## Model : LG978

Indent number			7813215A26
Standard	Engine	Weichai WD12G310E221	√
	Transmission system	SDLG HT220 gearbox, SDLG axle	√
	Hydraulic system	Pilot control single handle	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	FOPS&ROPS	√
	Cooling/Heating system	A/C	√
	Others	Radio	
Rotating beacon			√
Attachment	Name	Code	
	GP bucket 4.2m <sup>3</sup> (reinforced)	1690700009	●
	Rock bucket 3.5m <sup>3</sup>	1690700004	○
	LM bucket 5.0m <sup>3a</sup>	1690700006	○
	LG978 LM bucket ( 7.0m <sup>3</sup> ) <sup>a</sup>	1690700014	○
	LG97X LM bucket ( 6.0m <sup>3</sup> ) <sup>a</sup>	1690700015	○
	LG978 GP bucket 4.2m <sup>3</sup> (with wear plate)	1690700011	○
Optional	Name	Code	
	26.5-25 tube tyre (26.5-29 tubeless tyre)	2907001905 (2907001665)	△
	26.5-25 tubeless tyre (26.5-29 tubeless tyre)	2907001906 (2907001665)	△
	L5 tyre (replace L3 standard)	2907001909 (2907001665)	△
	LG978 export label (LG978 domestic label )	2936001787 ( 2936001248 )	△
	Optional	Name	Code
Wear plate <sup>b</sup>		2917008956	◇
Remark : a. Machine with this option can equip wear plate b.			

# MAIN PARAMETER




## PRODUCT MODEL: LG978 (Weichai Engine)



ENGINE MODEL	Weichai Engine WD12G310E221
RATED POWER/SPEED	226kW 2100r/min
TRANSMISSION	SDLG HT 220 gearbox
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control single handle
QUICK COUPLER	NO
RATED LOAD (kg)	7000
MAX. DUMPING HEIGHT(mm)	3252
LOAD CYCLE TIME (s)	≤11.7
MAX.BREAKOUT FORCE (KN)	≥216
DIMENSION (L×W×H) (mm)	8892x3320x3665
OPERATING WEIGHT(kg)	23640
INDENT NUMBER	7813215A26



## CONFIGURATION: ENGINE

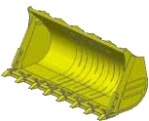
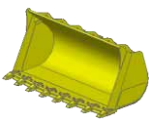
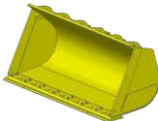
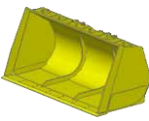
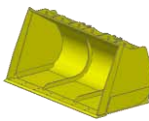
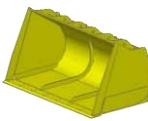
Brand & Photo	Weichai 		
Model	WD12G310E221	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2100
Rated power (kW)	226	Rated fuel consumption (g/kW·h)	225
Displacement (ml)	11596	Number of cylinders	6
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	126/155
Compression ratio	17: 1	Emission	Tier II
Idle speed(r/min)	750±20	Maximum torque (N·m)	1350
Net weight(kg)	1000		

# ATTACHMENT LIST



For Model: **LG978**



Option						
Name	Rock bucket	GP bucket (reinforced)	LG978 GP bucket (With wear plate)	LM bucket	LG97X LM bucket (6.0m <sup>3</sup> )	LG978 LM bucket (7.0m <sup>3</sup> )
Code	1690700004	1690700009	1690700011	1690700006	1690700015	1690700014
Bucket capacity (m <sup>3</sup> )	3.5	4.2	4.2	5.0	6.0	7.0
Attachment Weight (kg)	2224	2018	2258	2080	2278	2488
Attachment dimension(mm)	L	3230	3320	3170	3170	3170
	W	1563	1752	1558	1693	1873
	H	1444	1486	1448	1453	1563
Rated load(t)	7.0	7.0	7.0	7.0	7.0	7.0
Max. dumping height(mm)	3370	3252	3252	3121	2994	2857
Dumping distance(mm)	1125	1242	1242	1353	1480	1617
Min. turning radius (attachment)(mm)	7344	7652	7330	7378	7453	7538
Overall dimension of WL(mm)	L	8745	8892	8745	8870	9050
	W	3230	3320	3170	3170	3170
	H	3665	3665	3665	3665	3665
Min. turning radius (tyre)(mm)	6876	6876	6876	6876	6876	6876
Max. breakout force (KN)	≥249	≥216	≥216	≥189	≥167	≥149
Operating weight(kg)	23597	23640	23880	23702	23900	24110
Indent number	7813215A26/7813215A36					

# CONFIGURATION LIST



## Model : LG979

Indent number			□7908225A2601
Standard	Engine	SDLG D13	√
	Transmission system	SDLG HT200 gearbox, VOLVO axle	√
	Hydraulic system	Pilot control	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	FOPS&ROPS	√
	Cooling/Heating system	A/C	√
	Others	Radio Rotating beacon	√
Attachment	Name	Code	
	GP bucket 4.2m <sup>3</sup> (reinforced)	1690700009	●
	Rock bucket 3.5m <sup>3</sup>	1690700004	○
	Rock bucket 5.0m <sup>3a</sup>	1690700006	○
	LG978 GP bucket 4.2m <sup>3</sup> (with wear plate)	1690700011	○
	LG978 LM bucket ( 7.0m <sup>3</sup> ) <sup>a</sup>	1690700014	○
LG97X LM bucket ( 6.0m <sup>3</sup> ) <sup>a</sup>	1690700015	○	
Optional	Name	Code	
	LG979 export label ( replace mark and label )	2936001796 ( 2936001804 )	△
Optional	Name	Code	
	LG97X bucket wear plate <sup>b</sup>	2917008956	◇
Remark : a. Machine with this option can equip wear plate b.			

# MAIN PARAMETER




## PRODUCTS MODEL: LG979 ( SDLG Engine)



ENGINE MODEL	D13-15185586-7T
RATED POWER/SPEED	226 kW 2100r/min
TRANSMISSION	SDLG HT200Fixed shaft hydro-electric gearshift + Forward IV / Reverse IV
AXLE	VOLVO axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	No
RATED LOAD (kg)	7000
MAX. DUMPING HEIGHT(mm)	3242
LOAD CYCLE TIME (s)	≤11.7
MAX.BREAKOUT FORCE (KN)	≥216
DIMENSION (L×W×H) (mm)	8993×3320×3665
OPERATING WEIGHT(kg)	23640
INDENT NUMBER	7908225A2601



## CONFIGURATION: ENGINE

Brand & Photo	SDLG Engine 		
Model	D13-15185586-7T	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2100
Rated power (kW)	226	Rated fuel consumption (g/kW·h)	220±5%
Displacement (ml)	12777	Number of cylinders	6
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	131/158
Compression ratio	18.5:1	Emission	Tier II
Idle speed(r/min)	700	Maximum torque (N·m)	1460
Net weight(kg)	1160		

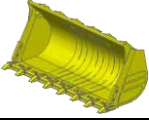
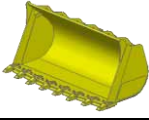

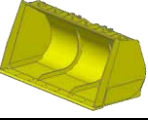
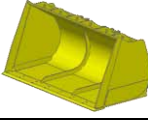
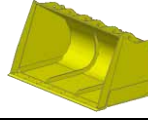


# ATTACHMENT LIST



**For Model: LG979**



Option						
Name	Rock bucket	GP bucket (reinforced)	LG978 GP bucket (with wear plate)	LM bucket	LG97X LM bucket (6.0m <sup>3</sup> )	LG978 LM bucket (7.0m <sup>3</sup> )
Code	1690700004	1690700009	1690700011	1690700006	1690700015	1690700014
Bucket capacity (m <sup>3</sup> )	3.5	4.2	4.2	5.0	6.0	7.0
Attachment Weight (kg)	2224	2018	2258	2080	2278	2488
Attachment dimension(mm)	L	3230	3320	3170	3170	3170
	W	1563	1752	1558	1693	1873
	H	1444	1486	1448	1453	1563
Rated load(t)	7.0	7.0	7.0	7.0	7.0	7.0
Max. dumping height(mm)	3370	3252	3252	3121	2994	2857
Dumping distance(mm)	1125	1242	1242	1353	1480	1617
Min. turning radius (attachment)(mm)	7344	7565	7330	7378	7453	7538
Overall dimension of WL(mm)	L	8745	8993	8745	8870	9050
	W	3230	3320	3170	3170	3170
	H	3665	3665	3665	3665	3665
Min. turning radius (tyre)(mm)	6876	6876	6876	6876	6876	6876
Max. breakout force (KN)	≥249	≥216	≥216	≥189	≥167	≥149
Operating weight(kg)	23597	23640	23880	23702	23900	24110
Indent number	7908225A2601					

# CONFIGURATION LIST



## Model : LG989

Indent number			□8908225A2601
Standard	Engine	SDLG D13	√
	Transmission system	SDLG HT220 gearbox , Volvo axle	√
	Hydraulic system	Pilot control single handle	√
	Boom	Standard boom	√
	Control valve	2-joint valve	√
	Cab	FOPS&ROPS	√
	Cooling/Heating system	A/C	√
	Others	Radio Rotating beacon	√ √
Attachment	Name	Code	
	LG989 standard bucket (4.5m <sup>3</sup> )	1690700016	•
Optional	Name	Code	
	LG989 export label (replace mark and label )	2936001794 ( 2936001614 )	△
Optional	Name	Code	

# MAIN PARAMETER




## PRODUCT MODEL: LG989 (SDLG Engine)



ENGINE MODEL	D13-15185586-8T
RATED POWER/SPEED	245kW 2100r/min
TRANSMISSION	SDLG HT220 Fixed shaft hydro-electric gearshift + Forward IV / Reverse IV
AXLE	Volvo axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	NO
RATED LOAD (kg)	8000
MAX. DUMPING HEIGHT(mm)	3300
LOAD CYCLE TIME (s)	≤11.8
MAX.BREAKOUT FORCE (KN)	≥244
DIMENSION (L×W×H) (mm)	9271×3320×3725
OPERATING WEIGHT(kg)	26500
INDENT NUMBER	8908225A2601

## CONFIGURATION: ENGINE



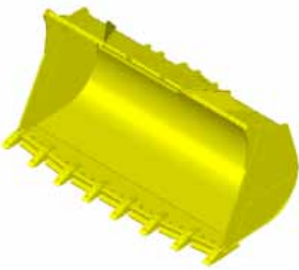
Brand & Photo	SDLG Engine 			
	Model	D13-15185586-8T	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2100	
Rated power (kW)	245	Rated fuel consumption (g/kW·h)	220±5%	
Displacement (ml)	12777	Number of cylinders	6	
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	131/158	
Compression ratio	18.5:1	Emission	Tier II	
Idle speed(r/min)	700	Maximum torque (N·m)	1450	
Net weight(kg)	1160			

# ATTACHMENT LIST



**For Model: LG989**



Option					
Name	LG989 GP bucket(4.5m <sup>3</sup> )	Rated load(t)	8.0	Min. turning radius (tyre) (mm)	6739
Code	1690700016	Max. dumping height(mm)	3300	Max. Breakout force(KN)	≥240
Bucket capacity (m <sup>3</sup> )	4.5	Dumping distance(mm)	1390	Operating weight(kg)	26500
Attachment Weight (kg)	2524	Min. turning radius(attachment) (mm)	7450	Indent Number	8908225A26 01
Attachment dimension(mm)	L	3320	Overall dimension of WL(mm)	L	9271
	W	1860		W	3170
	H	1653		H	3725

# CONFIGURATION LIST



## Model : LNG loader

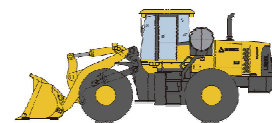
Product model			LG956L	LG968
Indent number			☆561211 5A2904	☆681221 3A3901
Standard	Engine	Weichai WP10G220E33NG	√	
		Weichai WP10NG260E30		√
	Transmission system	SDLG gearbox , SDLG axle	√	
		ZF gearbox、SDLG axle		√
	Hydraulic system	Pilot control single handle、load-sensing	√	√
	Lifting arm	standard arm	√	√
	Control valve	2-joint valve	√	
		3-joint valve <sup>a</sup>		√
Cab	Standard cab	√	√	
Cooling/Heating system	A/C	√	√	
Attachment	Name	Code		
	Rock bucket 2.7m <sup>3</sup> (with wear plate)	1690100049	○	
	Bucket 3.0m <sup>3</sup>	1690100043	○	
	GP bucket 2.8m <sup>3</sup>	1690100044	●	
	LM bucket3.6m <sup>3</sup> (width 3.3m) <sup>d</sup>	1690100009	○	
	LM bucket4.5m <sup>3</sup> (width3.3m) <sup>d</sup>	1690100064	○	
	LM bucket3.6m <sup>3</sup> (width3m) <sup>f</sup>	1690100116	○	
	LM bucket4.5m <sup>3</sup> (width3m) <sup>f</sup>	1690100117	○	
	Rock bucket 3.0m <sup>3</sup>	1690100099	○	
	LG95X Rock bucket(3.0m <sup>3</sup> , with removable bucket teeth)	1690100187	○	
	GP pallet fork	1690100037	○	
	GP bucket 3.5m <sup>3</sup>	1690600005		●
	LM bucket 4.5m <sup>3</sup>	1690600020		○
	LM bucket 5.5m <sup>3</sup>	1690600021		○
	Rock bucket 3.0m <sup>3</sup> (trapezoid main blade)	1690600022		○
	Log grapple (dual above clamp) <sup>a</sup>	1690600004		○
Obstacle avoidance snow blade <sup>a</sup>	1690600011		○	
Optional	Name	Code		
	20 PR tubeless tyre <sup>b</sup> (replace tube tyre)	2907001253 (2907001202+2907000002)	△	
	Desert type tyre (replace standard tyre)	4110001966+4110000579 (4110000582+4110000006)	△	
	20 PR L5 tyre (replace standard tyre)	4110001969 (4110000582+4110000006)	△	
	20 PR L-5 tubeless tyre <sup>b</sup> (replace standard tyre)	2907001492 (2907001202+2907000002)	△	
	20 PR tyre 23.5-25-20PR-L3 (replace standard tyre)	4110001533 (4110000582+4110000006)	△	
	Larger counter weight 1800kg (replace standard counter weight 1400kg)	2928001060 (2928000819)	△	
	Dual handles (replace single handle)	2912001582 (2912001581)		△
	License plate (replace rear turning light hood)	2934001384 (2934000206)	△	△
Optional	Name	Code		
	LM bucket wear plate <sup>c</sup>	2917003244	◇	
	Wear plate <sup>e</sup>	2917004215	◇	
	GP bucket wear plate <sup>g</sup>	2917003651	◇	

Remark : a. The machine with 3-joint valve must be equipped with third connection; b. Normal tubeless tyre means construction machines bias tyre ;  
c. Machine with LM bucket d can equip this option ; e. Machine with LM bucket f can equip this option ; g. Equipped with GP bucket.

# MAIN PARAMETER




## PRODUCT MODEL: LG956L(LNG) ( Weichai Engine)



ENGINE MODEL	WP10G220E33NG
RATED POWER/SPEED	162kW 2000r/min
TRANSMISSION	SDLG Planetary power shift + Forward II / Reverse I
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	No
RATED LOAD (kg)	5000
MAX. DUMPING HEIGHT(mm)	3190
LOAD CYCLE TIME (s)	≤11.3
MAX.BREAKOUT FORCE (KN)	≥180
DIMENSION (L×W×H) (mm)	8040×3060×3382
OPERATING WEIGHT(kg)	17120
INDENT NUMBER	5612115A2904

## CONFIGURATION: ENGINE



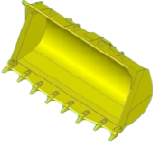
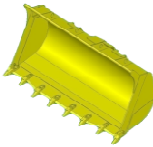
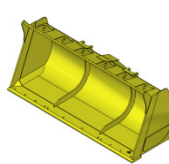
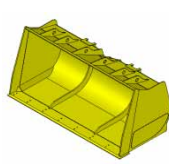
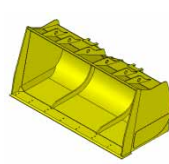
Brand & Photo	Weichai Engine 		
Model	WP10G220E33NG	Fuel type	LNG
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2000
Rated power (kW)	162	Rated fuel consumption (g/kW·h)	205
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	11.6:1	Emission	Tier II
Idle speed(r/min)	750±25	Maximum torque (N·m)	980
Net weight(kg)	850		

# ATTACHMENT LIST



For Model: LG956L(LNG)



Option					
Name	Standard arm GP bucket 3.0m <sup>3</sup>	GP bucket 2.8m <sup>3</sup>	LM bucket 3.6m <sup>3</sup> (width 3.3m)	LM bucket 3.6m <sup>3</sup> (width 3m)	LM bucket 4.5m <sup>3</sup> (width 3m)
Code	1690100043	1690100044	1690100009	1690100116	1690100117
Bucket capacity (m <sup>3</sup> )	3.0	2.8	3.6	3.6	4.5
Attachment Weight (kg)	1502	1453	1565	1490	1674
Attachment dimension(mm)	L	3024	3024	3300	3016
	W	1494	1430	1367	1423
	H	1377	1348	1364	1330
Rated load(t)	5.0	5.0	5.0	5.0	5.0
Max. dumping height(mm)	3120	3170	3085	3042	2894
Dumping distance(mm)	1130	1080	1165	1210	1360
Min. turning radius (attachment)(mm)	6746	6695	6775	6680	6735
Overall dimension of WL(mm)	L	8079	8016	7950	8010
	W	3024	3024	3300	3016
	H	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036
Max. breakout force (KN)	≥180	≥192	≥172	≥163	≥138
Operating weight(kg)	16900	16850	16963	16888	17072
Indent number	5612115A2904				

# ATTACHMENT LIST



**For Model: LG956L(LNG)**



Option						
Name	LM bucket 4.5m <sup>3</sup> (width 3.3m)	LG95X rock bucket (3.0m <sup>3</sup> , with removable bucket tooth)	Rock bucket 2.7m <sup>3</sup>	Rock bucket 3.0m <sup>3</sup>	Pallet fork	
Code	1690100064	1690100187	1690100049	1690100099	1690100037	
Bucket capacity (m <sup>3</sup> )	4.5	3.0	2.7	3.0	<u>length of the tines 1250mm</u>	
Attachment Weight (kg)	1781	1895	1745	1876	927	
Attachment dimension(mm)	L	3300	3060	3060	2470	
	W	1577	1548	1475	1535	
	H	1485	1378	1320	1382	
Rated load(t)	5.0	5.0	5.0	5.0	/	
Max. dumping height(mm)	2936	3120	3180	3120	3244	
Dumping distance(mm)	1314	1130	1090	1130	1835	
Min. turning radius (attachment)(mm)	6860	6735	6716	6746	6600	
Overall dimension of WL(mm)	L	8160	8130	8055	8110	8332
	W	3300	3060	3060	3060	2780
	H	3382	3382	3382	3382	3382
Min. turning radius (tyre)(mm)	6036	6036	6036	6036	6036	
Max. breakout force (KN)	≥144	≥180	≥190	≥180	/	
Operating weight(kg)	17179	17293	17143	17274	16325	
Indent number	5612115A2904					



# MAIN PARAMETER




## PRODUCT MODEL: LG968(LNG) (Weichai Engine)



ENGINE MODEL	WP10NG260E30
RATED POWER/SPEED	191 kW 2200 r/min
TRANSMISSION	ZF Fixed axle electro-hydraulic shift+ Forward IV/ Reverse III
AXLE	SDLG axle
OPERATION TYPE FOR WORKING EQUIPMENT	Pilot control
QUICK COUPLER	NO
RATED LOAD (kg)	6000
MAX. DUMPING HEIGHT(mm)	3250mm
LOAD CYCLE TIME (s)	≤12
MAX.BREAKOUT FORCE (KN)	≥198
DIMENSION (L×W×H) (mm)	8362×3210×3380
OPERATING WEIGHT(kg)	18400
INDENT NUMBER	6812213A3901

## CONFIGURATION: ENGINE




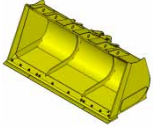
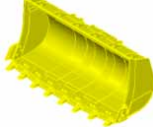

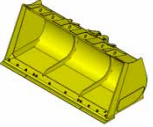
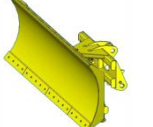
Brand & Photo	Weichai Engine 		
Model	WP10NG260E30	Fuel type	LNG
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2200
Rated power (kW)	191	Rated fuel consumption (g/kW·h)	205
Displacement (ml)	9726	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	126/130
Compression ratio	11.6:1	Emission	Tier II
Idle speed(r/min)	750±50	Maximum torque (N·m)	950
Net weight(kg)	850		

# ATTACHMENT LIST



For Model: LG968(LNG)



Option							
Name	GP bucket	LM bucket	Rock bucket (trapezoid main cutting plate)	Log Grapple (dual above clamp, width 2690mm, open size 1674mm) <sup>a</sup>	LM bucket	Snow blade	
Code	1690600005	1690600020	1690600022	1690600004	1690600021	1690600011	
Bucket capacity (m <sup>3</sup> )	3.5	4.5	3.0	/	5.5	/	
Attachment Weight (kg)	1702	2007	1989	2187	2004	1810	
Attachment dimension(mm)	L	3050	3300	3243	2690	3300	1490
	W	1500	1645	1612	1882	1795	3500
	H	1430	1503	1352	1812	1586	1100
Rated load (t)	6.0	6.0	6.0	6.0	6.0	/	
Max. dumping height(mm)	3250	3114	3257	2978	2994	/	
Dumping distance(mm)	1033	1169	1041	1479	1266	/	
Min. turning radius (attachment)(mm)	7335	7521	7340	7305	7592	7305	
Overall dimension of WL(mm)	L	8362	8442	8747	8650	8568	8330
	W	3050	3300	3243	2690	3300	3500
	H	3382	3380	3382	3380	3380	3380
Min. turning radius (tyre)(mm)	6721	6721	6721	7305	6721	7610	
Max. breakout force (KN)	≥198	≥169	≥199	/	≥152	/	
Operating weight(kg)	18600	18555	18738	18400	18552	18300	
Indent number	6812213A3901						

# CONFIGURATION LIST



## Model: Excavator

Product Model			LG665E	LG690E
Indent Number			6006502 1AT201	6009002 1AT201
Standard	Engine	Yanmar 4TNV88-BSLG		
		Yanmar 4TNV94L-SLG2	√	
		Yanmar 4TNV98T-SLG		√
	Working Device	Standard arm	√	√
	Hydraulic System	Pilot control, Load sensing	√	√
		Pilot control, constant power		
	Driving type	Hydraulic drive	√	√
Cab	Normal Cab (with A/C)	√	√	
Attachment	Name	Code		
	Bucket 0.22m <sup>3</sup>	1660200004	•	
	Bucket 0.32m <sup>3</sup>	1660200005		•
	Dozer Blade assembly(6t)	2627000220	•	
	Dozer Blade assembly(9t)	2627000203		•
	Bucket0.18m <sup>3</sup>	1660300003	○	
	Clay bucket 0.32m <sup>3</sup>	1660200003		○
	Narrow bucket 0.1m <sup>3</sup>	1660300002	○	
	Narrow bucket 0.16m <sup>3</sup>	1660200002		○
	LG660 quartering hammer	1660300007	○	
LG685 quartering hammer	1660200006		○	
Optional	Name	Code		
	8135-MD-403603 track shoe (standard track shoe)	4110001783 (4110000125)	△	
	8154-MH-408603 track shoe (standard track shoe)	4110001784 (4110000734)		△
	Dozer blade replacement module ( Bulldozing Blade module )	2615000168 (2627000254)	△	
	SUNJIN swing motor module (KYB swing motor module)(replaced)	2614000368 (2614000367)		△
YOUNG DONG travel pilot valve module (Rexroth travel pilot valve module)	2612000399 (2612000371)	△	△	

Continue →

# CONFIGURATION LIST



## Model: Excavator

Product Model		LG665E	LG690E
Indent Number		600650 21AT201	600900 21AT201
Optional	LG665E auto idle module (LG665E auto idle module)(replaced)	2637000739 (2601000976)	△
	High temperature condition hydraulic oil module, viscosity grade 68(130L) (Normal hydraulic oil module, viscosity grade46(130L))	2640000023 (2640000022)	△
	Cold region coolant, hydraulic oil and diesel engine oil module (6.9/130/9) (Normal coolant, hydraulic oil and diesel engine oil module(5.75/130/9))	2640000032 (2640000040)	△
	Cold region coolant, hydraulic oil and diesel engine oil module (8.1/195/9) (Normal coolant, hydraulic oil and diesel engine oil module(6.75/195/9))	2640000049 (2640000042)	△
Optional	Name	Code	
	LG665/LG665E quick coupler	2617001716	◇
	LG660 quartering hammer pipe part	☆1660300001	◇
	Fuel pump	2602000464	◇
	Fuel pump	2602000511	◇
	Cab guarding grid assembly	2629000579	◇
	Lower guarding grid assembly	2629000580	◇
	Cab guarding grid assembly	2629000550	◇
	Lower guarding grid assembly	2629000551	◇
Compact excavator GPS system	2637000599	◇	

# MAIN PARAMETER



## PRODUCT MODEL: LG665E ( Yanmar Engine)



OPERATING WEIGHT(kg)	6100
BUCKET CAPACITY(m <sup>3</sup> )	0.22
MAX.DIGGING FORCE(kN)	45
DIMENSION(L×W×H)(mm)	5930×1960×2620
TAIL SWING RADIUS(mm)	1670
LENGTH OF BOOM(mm)	3030
SWING SPEED(r/min)	0~11.5
TRAVEL SPEEN(MIN/MAX) (km/h)	2.4/4.8
GRADEABILITY (°)	30
MAX.DIGGING REACH(mm)	5990
MAX.DIGGING DEPTH (mm)	3846
MAX.CUTTING HEIGHT(mm)	4163
INDENT NUMBER	60065021AT201

## CONFIGURATION: ENGINE



Brand & Photo	YANMAR 		
Model	4TNV94L-SLG2	Fuel type	diesel
Type	water-cooled, four-stroke, direct injection	Rated speed(r/min)	2200
Rated power (kW)	37.2	Rated fuel consumption(g/kW·h)	232
Displacement (ml)	3054	Number of cylinders	4
Intake system	Naturally aspirated	Cylinder diameter/stroke(mm)	94/110
Compression ratio	19	Emission	Tier II
Idle speed(r/min)	1100	Maximum torque(N·m)	195.4-212.6
Net weight(kg)	270		

# MAIN PARAMETER




## PRODUCT MODEL: LG690E ( Yanmar Engine)



OPERATING WEIGHT(kg)	8500
BUCKET CAPACITY(m <sup>3</sup> )	0.32
MAX.DIGGING FORCE(kN)	60
DIMENSION(L×W×H)(mm)	6340×2265×2600
TAIL SWING RADIUS(mm)	1895
LENGTH OF BOOM(mm)	3710
SWING SPEED(r/min)	0-12
TRAVEL SPEEN(MIN/MAX) (km/h)	2.6/5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	6330
MAX.DIGGING DEPTH (mm)	4160
MAX.CUTTING HEIGHT(mm)	5010
INDENT NUMBER	60090021AT201

## CONFIGURATION: ENGINE



Brand & Photo	Yanmar 		
Model	4TNV98T-SLG	Fuel type	diesel
Type	Four-stroke, water-cooled, direct injection	Rated speed(r/min)	2200
Rated power (kW)	54.3	Rated fuel consumption (g/kW•h)	244
Displacement (ml)	3319	Number of cylinders	4
Intake system	Turbo charger	Cylinder diameter/stroke(mm)	98/110
Compression ratio	18.1:1	Emission	EC stage II
Idle speed(r/min)	1000	Maximum torque(N•m)	286.9-312.7
Net weight(kg)	280		

# CONFIGURATION LIST



## Model: Excavator

Product Model			LG6135E	LG6150E	LG6210E	LG6225E
Indent Number			6013506 4A0200	6015006 4A0200	6021006 4A0202	6022506 4A0200
Standard	Engine	DDE BF4M2012	√	√		
		DDE BF6M2012C			√	√
	Working Device	Standard arm	√	√	√	√
	Hydraulic System	Pilot operation, negative flow	√	√	√	√
	Driving type	Hydraulic drive	√	√	√	√
	Cab	Standard Cab (with A/C)	√	√	√	√
Attachment	Name	Code				
	GP bucket 0.48m <sup>3</sup>	1660400001	●			
	GP bucket 0.48m <sup>3</sup>	1660400007	○			
	GP bucket 0.52m <sup>3</sup>	1660400002		●		
	LM bucket 0.75m <sup>3</sup>	1660400003		○		
	GP bucket 0.8m <sup>3</sup>	1660500011				○
	GP bucket 0.85m <sup>3</sup>	1660500012			○	
	GP bucket 0.9m <sup>3</sup> (5 teeth)	1660500017			●	
	GP bucket 1.0m <sup>3</sup>	1660500013			○	●
	LM bucket 1.2m <sup>3</sup>	1660500008			○	○
	Rock bucket 0.8m <sup>3</sup>	☆1660500003				○
	BUCKET-VHD20(1.25m <sup>3</sup> )	1660500016				○
	LG6225E/LG6210E/LG6235E/LG6220 quartering hammer	1660500018			○	○
Optional	Name	Code				
	X 42 600mm track shoe (X 42 500mm track shoe)	4110001558 (4110001142)	△			
	X 42 700mm track shoe (X 42 500mm track shoe)	4110001559 (4110001142)	△			
	X 42 800mm track shoe (X 42 500mm track shoe)	4110001560 (4110001142)	△			
	X 46 500mm track shoe (X 46 600mm track shoe)	4110001561 (11216579)		△		
	X 46 700mm track shoe (X 46 600mm track shoe)	4110001562 (11216579)		△		
	X 46 800mm track shoe (X 46 600mm track shoe)	4110001563 (11216579)		△		

Continue →

# CONFIGURATION LIST



## Model: Excavator

Product Model		LG6135E	LG6150E	LG6210E	LG6225E
Indent Number		6013506 4A0200	6015006 4A0200	6021006 4A0202	6022506 4A0200
Optional	Name	Code			
	X 46_HD 700mm track shoe (X 46_HD 600mm track shoe)	11214674 (11214673)			△
	X 46_HD 800mm track shoe (X 46_HD 600mm track shoe)	11214675 (11214673)			△
	X 46_HD 900mm track shoe (X 46_HD 600mm track shoe)	11214676 (11214673)			△
	X 49_HD 700mm track shoe (X 49_HD 600mm track shoe)	11214677 (11214511)			△
	X 49_HD 800mm track shoe (X 49_HD 600mm track shoe)	11214512 (11214511)			△
	X 49_HD 900mm track shoe (X 49_HD 600mm track shoe)	11214678 (11214511)			△
	Bucket (replace bucket)	2617001423 (1660400001)	△		
	Bucket (replace bucket)	2617001423 (1660400002)		△	
	Bucket (replace bucket)	2617001416 (1660500017)			△
	Bucket (replace bucket)	2617001416 (1660500013)			△
	LG6225E hydraulic shear pipe part (LG6225E hydraulic shear pipe part(replaced))	2617001706 (2617001707)			△
	Oil bath type air filter (replacement of the air filter)	11216826 (11212299)			△
	Rotating coal bucket 1.35m3 (Rotating coal bucket replacement module)	1660500015 (1660500009)			△
	VECU without GPS (VECU with GPS)	11218858 (11218871)	△		
	VECU without GPS (VECU with GPS)	11218859 (11218872)		△	
	VECU without GPS (VECU with GPS)	11218860 (11218873)			△
Super length arm(with bucket) (Super arm substitution module (include standard bucket))	2617001626 (2617001627)			△	

Continue →



# CONFIGURATION LIST



## Model: Excavator

Product Model		LG6135E	LG6150E	LG6210E	LG6225E
Indent Number		6013506 4A0200	6015006 4A0200	6021006 4A0202	6022506 4A0200
Optional	Name	Code			
		Cold regions coolant, hydraulic oil and diesel engine oil module (13.8/190/13) (normal coolant, hydraulic oil and diesel engine oil module (11.5/190/13) )	2640000034 (2640000043)	△	△
	Cold regions coolant, hydraulic oil and diesel engine oil module (13.98/270/19.5) (normal coolant, hydraulic oil and diesel engine oil module (11.65/270/19.5) )	2640000035 (2640000044)			△
	High temperature condition hydraulic oil module, viscosity grade 68(190L) (normal hydraulic oil module, viscosity grade 46(190L))	2640000011 (2640000010)	△	△	
	High temperature condition hydraulic oil module, viscosity grade 68(270L) (normal hydraulic oil module, viscosity grade 46(270L))	2640000013 (2640000012)			△
	LG6210E excavator high temperature condition cooling system (LG6210E standard cooling system)	11218965 (11211848)			△
	Boom operating lamp (Boom harness)	11218433 (11218867)	△		
	Boom operating lamp (Boom harness)	11218433 (11218866)		△	
	Boom operating lamp (Boom harness)	11218436 (11211859)			△
Optional	Cab guarding grid assembly	2629000323	◇	◇	◇
	Alarm light	11216593	◇	◇	◇
	Cab (FOPS structure)	11217108	◇	◇	◇
	Travel warning model	11217107	◇	◇	
	Travel warning model	11217109			◇
	LG6135E quartering hammer pipe part	1660400006	◇		
	LG6150E quartering hammer pipe part	1660400004		◇	
	LG6210E/LG6225E quartering hammer pipe part	1660500010			◇
	EXTRA WORK LAMP	11218430	◇	◇	◇
	Fuel pump	11218932			◇
	Fuel pump	11218930	◇	◇	

# MAIN PARAMETER




## PRODUCT MODEL: LG6135E ( DDE Engine)



OPERATING WEIGHT(kg)	12500
BUCKET CAPACITY(m <sup>3</sup> )	0.48
MAX.DIGGING FORCE(kN)	85
DIMENSION(L×W×H)(mm)	7340x2490x2830
TAIL SWING RADIUS(mm)	2200
LENGTH OF BOOM(mm)	4260
SWING SPEED(r/min)	10.3
TRAVEL SPEEN(MIN/MAX) (km/h)	3.0/5.1
GRADE ABILITY (°)	35
MAX.DIGGING REACH(mm)	7790
MAX.DIGGING DEPTH (mm)	5060
MAX.DIGGING HEIGHT(mm)	5625
INDENT NUMBER	60135064A0200



## CONFIGURATION: ENGINE

Brand & Photo			
Model	BF4M2012	Fuel type	diesel
Type	Inline, Water-cooled, Four-stroke, Turbo charger,	Rated speed (r/min)	2100
Rated power (kW)	66	Rated fuel consumption (g/kW·h)	224
Displacement (ml)	4040	Number of cylinders	4
Intake system	Turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	101/126
Compression ratio	18.4:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N·m)	352
Net weight(kg)	398		

# MAIN PARAMETER




## PRODUCT MODEL: LG6150E ( DDE Engine)



OPERATING WEIGHT(kg)	13800
BUCKET CAPACITY(m <sup>3</sup> )	0.52
MAX.DIGGING FORCE(kN)	98.1
DIMENSION(L×W×H)(mm)	7700×2590×2830
TAIL SWING RADIUS(mm)	2200
LENGTH OF BOOM(mm)	4600
SWING SPEED(r/min)	11
TRAVEL SPEEN(MIN/MAX) (km/h)	3.2/5.5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	8330
MAX.DIGGING DEPTH (mm)	5530
MAX.CUTTING HEIGHT(mm)	5980
INDENT NUMBER	60150064A0200



## CONFIGURATION: ENGINE

Brand & Photo	 <p>DDE</p>		
Model	BF4M2012	Fuel type	diesel
Type	Inline, Water-cooled, Four-stroke, Turbo charger	Rated speed(r/min)	2100
Rated power (kW)	69	Rated fuel consumption (g/kW·h)	223
Displacement (ml)	4040	Number of cylinders	4
Intake system	turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	101/126
Compression ratio	18.4:1	Emission	Tier II
Idle speed(r/min)	800	Maximum torque (N·m)	390
Net weight(kg)	398		

# MAIN PARAMETER




## PRODUCT MODEL: LG6210E ( DDE Engine)



OPERATING WEIGHT(kg)	20700
BUCKET CAPACITY(m <sup>3</sup> )	0.9
MAX.DIGGING FORCE(kN)	147.1
DIMENSION(L×W×H)(mm)	9700×2800×2940
TAIL SWING RADIUS(mm)	2860
LENGTH OF BOOM(mm)	5700
SWING SPEED(r/min)	11.6
TRAVEL SPEEN(MIN/MAX) (km/h)	3.2/5.5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	9940
MAX.DIGGING DEPTH (mm)	6730
MAX.CUTTING HEIGHT(mm)	6650
INDENT NUMBER	60210064A0202



## CONFIGURATION: ENGINE

Brand & Photo			
	DDE		
Model	BF6M2012C	Fuel type	diesel
Type	Inline, Water-cooled , Four-stroke, Turbo charger	Rated speed (r/min)	2000
Rated power (kW)	120	Rated fuel consumption (g/kW•h)	214
Displacement (ml)	6057	Number of cylinders	6
Intake system	turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	101/126
Compression ratio	18.4:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N•m)	671
Net weight(kg)	550		

# MAIN PARAMETER




## PRODUCT MODEL: LG6225E ( DDE Engine)



OPERATING WEIGHT(kg)	21700
BUCKET CAPACITY(m <sup>3</sup> )	1.0
MAX.DIGGING FORCE(kN)	147.1
DIMENSION(L×W×H)(mm)	9700×2990×2940
TAIL SWING RADIUS(mm)	2860
LENGTH OF BOOM(mm)	5700
SWING SPEED(r/min)	11.6
TRAVEL SPEEN(MIN/MAX) (km/h)	3.2/5.5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	9940
MAX.DIGGING DEPTH (mm)	6730
MAX.CUTTING HEIGHT(mm)	6650
INDENT NUMBER	60225064A0200

## CONFIGURAION: ENGINE



Brand & Photo	 <p>DDE Engine</p>		
Model	BF6M2012C	Fuel type	diesel
Type	four-stroke, turbo charger, inter-cooled	Rated speed (r/min)	2000
Rated power (kW)	120	Rated fuel consumption (g/kW·h)	214
Displacement (ml)	6057	Number of cylinders	6
Intake system	turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	101/126
Compression ratio	18.4:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N·m)	671
Net weight(kg)	550		

# CONFIGURATION LIST



## Model: Excavator

Product Model			LG6250E	LG6300E	LG6360E	LG6400E
Indent Number			6025006 4A0200	6030006 4A0200	6036009 4A0200	6040009 4A0200
Standard	Engine	SDLG SD130A			√	√
		DDE BF6M1013	√	√		
	Working Device	Standard arm	√	√	√	√
	Hydraulic System	Pilot operation、negative flow	√	√	√	√
	Driving type	Hydraulic drive	√	√	√	√
	Cab	Standard Cab (with A/C)	√	√	√	√
Attachment	Name	Code				
	GP bucket 1.0m <sup>3</sup>	1660600016	○			
	GP bucket 1.2m <sup>3</sup>	1660600019	●			
	GP bucket 1.3m <sup>3</sup>	1660600011		●		
	GP bucket 1.4m <sup>3</sup>	1660600003		○		
	GP bucket 1.5m <sup>3</sup>	1660500019		○		
	LM bucket 1.3m <sup>3</sup>	1660500020	○			
	GP bucket 1.9m <sup>3</sup>	1660600009			●	
	GP bucket 1.9m <sup>3</sup>	1660600024		○		
	GP bucket 1.9m <sup>3</sup>	1660600030			○	
	GP bucket 2.0m <sup>3</sup>	1660600023				●
	GP bucket 2.0m <sup>3</sup>	1660600034				○
	BUCKET-VHD20(1.45m <sup>3</sup> )	1660600022	○			
	LG6300E bucket 1.1m <sup>3</sup>	1660600018		○		
Optional	Name	Code				
	X 51 700mm track shoe (X 51 600mm track shoe)	11214680 (11214679)	△			
	X 51 800mm track shoe (X 51 600mm track shoe)	11214681 (11214679)	△			
	X 51 900mm track shoe (X 51 600mm track shoe)	11214682 (11214679)	△			
	X 50 700mm track shoe (X 50 600mm track shoe)	11214683 (11214506)		△		
	X 50 800mm track shoe (X 50 600mm track shoe)	11214684 (11214506)		△		

Continue →

# CONFIGURATION LIST



## Model: Excavator

Product Model		LG6250E	LG6300E	LG6360E	LG6400E	
Indent Number		6025006 4A0200	6030006 4A0200	6036009 4A0200	6040009 4A0200	
Optional	Name	Code				
	X 50 900mm track shoe (X 50 600mm track shoe)	11214685 (11214506)		△		
	X 50 700mm track shoe (X 50 600mm track shoe)	11217190 (11217189)			△	△
	X 50 800mm track shoe (X 50 600mm track shoe)	11217191 (11217189)			△	△
	X 50 900mm track shoe (X 50 600mm track shoe)	11217192 (11217189)			△	△
	Bucket replacement (Bucket)	2617001429 (1660600019)	△			
	Bucket replacement (Bucket)	2617001453 (1660600011)		△		
	Bucket replacement (Bucket)	2617001598 (1660600009)			△	
	Bucket replacement (Bucket)	2617001598 (1660600023)				△
	VECU without GPS (VECU with GPS)	11218861 (11218874)	△			
	VECU without GPS (VECU with GPS)	11218862 (11218875)		△		
	VECU without GPS (VECU with GPS)	11218863 (11218876)			△	△
	Boom operating lamp (Boom harness)	11218435 (11212819)	△			
	Boom operating lamp (Boom harness)	11218434 (11214262)		△		
	Boom operating lamp (Boom harness)	11218432 (11216623)			△	△
	Oil bath type air filter (replace the air filter)	11216827 (11212299)	△			
	Oil bath type air filter (replace the air filter)	11216828 (11212299)		△		
	Cold regions coolant, hydraulic oil and diesel engine oil module (22.5/330/30.5) (Normal coolant, hydraulic oil and diesel engine oil module(18.75/330/30.5))	2640000036 (2640000045)	△			

Continue →

# CONFIGURATION LIST



## Model: Excavator

Product Model		LG6250E	LG6300E	LG6360E	LG6400E
Indent Number		6025006 4A0200	6030006 4A0200	6036009 4A0200	6040009 4A0200
Optional	Name	Code			
		Cold regions coolant, hydraulic oil and diesel engine oil module (22.5/370/30.5) (Normal coolant, hydraulic oil and diesel engine oil module(18.75/370/30.5))	2640000037 (2640000046)		△
	Cold regions coolant, hydraulic oil and diesel engine oil module (36/485/53.5) (Normal coolant, hydraulic oil and diesel engine oil module(30/485/53.5))	2640000038 (2640000047)		△	△
	High temperature condition hydraulic oil module, viscosity grade68(330L) (Normal hydraulic oil module, viscosity grade 46(330L))	2640000015 (2640000014)	△		
	High temperature condition hydraulic oil module, viscosity grade68(370L) (Normal hydraulic oil module, viscosity grade 46(370L))	2640000019 (2640000018)		△	
	High temperature condition hydraulic oil module, viscosity grade68(485L)(Normal hydraulic oil module, viscosity grade 46(485L))	2640000021 (2640000020)		△	△
Optional	Cab guarding grid assembly	2629000323	◇	◇	◇
	Lower cab guarding grid assembly	2629000338	◇	◇	◇
	Alarm light	11216593	◇	◇	◆
	Cab guarding grid assembly	11217108	◇	◇	◇
	Front cab guarding grid assembly	11216174			◇
	Travel warning model	11217109	◇	◇	
	Travel warning model	11217789			◇
	FULL TRACK GUARD	11218963			◇
	ELECTRICS	11218429	◇	◇	
	EXTRA WORK LAMP	11218431			◇
	Fuel pump	11218931	◇	◇	
	LG6250E quartering hammer pipe part	1660600015	◇		
	LG6250E(S) quartering hammer pipe part	1660600025			
	LG6300E quartering hammer pipe part	1660600001		◇	
LG6360E quartering hammer pipe part	1660600027			◇	



# MAIN PARAMETER




## PRODUCT MODEL: LG6250E ( DDE Engine)



OPERATING WEIGHT(kg)	24300
BUCKET CAPACITY(m <sup>3</sup> )	1.2
MAX.DIGGING FORCE(kN)	176
DIMENSION(L×W×H)(mm)	10130×3190×3040
TAIL SWING RADIUS(mm)	2940
LENGTH OF BOOM(mm)	6000
SWING SPEED(r/min)	11.3
TRAVEL SPEEN(MIN/MAX) (km/h)	3.3/5.5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	10260
MAX.DIGGING DEPTH (mm)	6980
MAX.CUTTING HEIGHT(mm)	6800
INDENT NUMBER	60250064A0200

## CONFIGURATION: ENGINE



Brand & Photo	 <p>DDE engine</p>		
Model	BF6M1013EC	Fuel type	diesel
Type	four-stroke, turbo charger, inter-cooled	Rated speed (r/min)	2000
Rated power (kW)	134	Rated fuel consumption (g/kW·h)	227
Displacement (ml)	7146	Number of cylinders	6
Intake system	turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	108/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N·m)	727
Net weight(kg)	750		

# MAIN PARAMETER




## PRODUCT MODEL: LG6300E ( DDE Engine)



OPERATING WEIGHT(kg)	29200
BUCKET CAPACITY(m <sup>3</sup> )	1.3
MAX.DIGGING FORCE(kN)	193.5
DIMENSION(L×W×H)(mm)	10420×3190×3290
TAIL SWING RADIUS(mm)	3050
LENGTH OF BOOM(mm)	6200
SWING SPEED(r/min)	10.1
TRAVEL SPEEN(MIN/MAX) (km/h)	3.2/5.1
GRADE ABILITY (°)	35
MAX.DIGGING REACH(mm)	10690
MAX.DIGGING DEPTH (mm)	7320
MAX.DIGGING HEIGHT(mm)	7050
INDENT NUMBER	60300064A0200

## CONFIGURATION: ENGINE

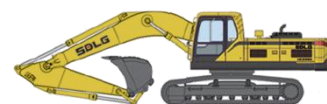


Brand & Photo			
Model	BF6M1013EC	Fuel type	diesel
Type	four-stroke, turbo charger, inter-cooled	Rated speed (r/min)	2000
Rated power (kW)	149	Rated fuel consumption (g/kW·h)	223
Displacement (ml)	7146	Number of cylinders	6
Intake system	turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	108/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N·m)	811
Net weight(kg)	750		

# MAIN PARAMETER



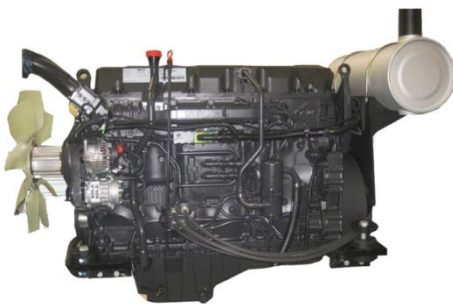
## PRODUCT MODEL: LG6360E ( SDLG Engine)



OPERATING WEIGHT(kg)	37700
BUCKET CAPACITY(m <sup>3</sup> )	1.9
MAX.DIGGING FORCE(kN)	236
DIMENSION(L×W×H)(mm)	11020x3340x3580
TAIL SWING RADIUS(mm)	3500
LENGTH OF BOOM(mm)	6450
SWING SPEED(r/min)	9.7
TRAVEL SPEEN(MIN/MAX) (km/h)	3.3/4.5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	10610
MAX.DIGGING DEPTH (mm)	6850
MAX.CUTTING HEIGHT(mm)	7090
INDENT NUMBER	60360094A0200

## CONFIGURATION: ENGINE

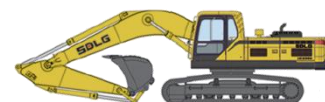


Brand & Photo	SDLG 		
Model	SD130A	Fuel type	diesel
Type	Inline, water-cooled, four-stroke	Rated speed (r/min)	1700
Rated power (kW)	198	Rated fuel consumption (g/kW•h)	—
Displacement (ml)	12800	Number of cylinders	6
Intake system	Turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	131/158
Compression ratio	18.5:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N•m)	1475
Net weight(kg)	1200		

# MAIN PARAMETER

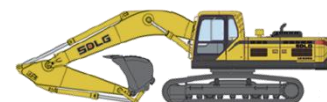


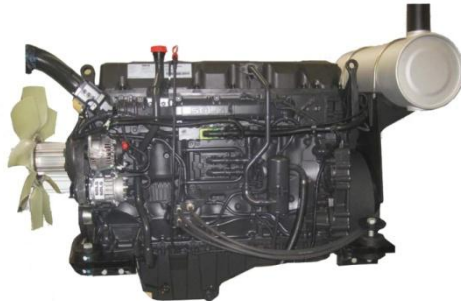
## PRODUCT MODEL: LG6400E (SDLG Engine)



OPERATING WEIGHT(kg)	40050
BUCKET CAPACITY(m <sup>3</sup> )	2.0
MAX.DIGGING FORCE(kN)	236
DIMENSION(L×W×H)(mm)	11020×3340×3580
TAIL SWING RADIUS(mm)	3500
LENGTH OF BOOM(mm)	6450
SWING SPEED(r/min)	9.7
TRAVEL SPEEN(MIN/MAX) (km/h)	3.3/4.5
GRADEABILITY (°)	35
MAX.DIGGING REACH(mm)	10610
MAX.DIGGING DEPTH (mm)	6850
MAX.CUTTING HEIGHT(mm)	7090
INDENT NUMBER	60400094A0200

## CONFIGURATION: ENGINE



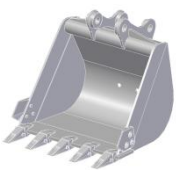
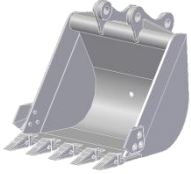




Brand & Photo	SDLG 		
Model	SD130A	Fuel type	diesel
Type	Inline, water-cooled, four-stroke	Rated speed (r/min)	1700
Rated power (kW)	198	Rated fuel consumption (g/kW·h)	—
Displacement (ml)	12800	Number of cylinders	6
Intake system	Turbo charger, inter-cooled	Cylinder diameter/stroke (mm)	131/158
Compression ratio	18.5:1	Emission	GB20891-2007
Idle speed(r/min)	800	Maximum torque (N·m)	1475
Net weight(kg)	1200		

# ATTACHMENT LIST



## Excavator Attachment





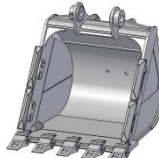



Option						
Name	GP bucket 0.22m <sup>3</sup>	GP bucket 0.18m <sup>3</sup>	GP bucket 0.1m <sup>3</sup>	GP bucket 0.32m <sup>3</sup>	Clay bucket 0.32m <sup>3</sup>	Narrow bucket 0.16m <sup>3</sup>
Code	1660200004	1660300003	1660300002	1660200005	1660200003	1660200002
Bucket capacity (m <sup>3</sup> )	0.22	0.18	0.1	0.32	0.32	0.16
Attachment Weight (kg)	165	153	120	270	260	201
Attachment dimension(mm)	L	1043	1033	1043	1174	1174
	W	813	733	450	866	566
	H	606	592	606	736	736
Max. digging depth(mm)	3846	3846	3846	4115	4130	4115
Max. digging reach(mm)	5990	5990	5990	6320	6335	6320
Max. digging force(kN)	45	45	45	60	60	60
Operating weight(kg)	6100	6090	6055	8500	8490	8430
Indent Number	LG665E 60065021AT201			LG690E 60090021AT201		

# ATTACHMENT LIST



## Excavator Attachment




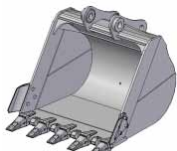

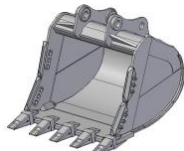
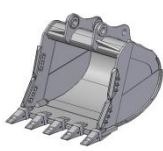
Option							
Name		GP bucket 0.48m <sup>3</sup>	GP bucket 0.48m <sup>3</sup>	GP bucket 0.52m <sup>3</sup>	LM bucket 0.75m <sup>3</sup>	GP bucket 0.85m <sup>3</sup>	GP bucket 0.9m <sup>3</sup> (5 teeth)
Code		1660400001	1660400007	1660400002	1660400003	1660500012	1660500017
Bucket capacity (m <sup>3</sup> )		0.48	0.48	0.52	0.75	0.85	0.9
Attachment Weight (kg)		451	516	541	517	810	842
Attachment dimension(mm)	L	1280	1292	1352	1330	1677	1677
	W	998	1006	1016	1110	1183	1233
	H	869	800	860	1117	1060	1060
Max. digging depth(mm)		5060	5060	5530	5540	6730	6730
Max. digging reach(mm)		7790	7790	8330	8340	9940	9940
Max. digging force (kN)		85	85	98.1	98.1	147.1	147.1
Operating weight(kg)		12500	12565	13800	13775	20700	20732
Indent Number		LG6135E 60135064A0200		LG6150E 60150064A0200		LG6210E 60210064A0202	

# ATTACHMENT LIST






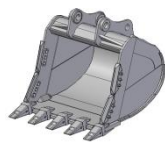
## Excavator Attachment



Option						
Name		GP bucket 1.0m <sup>3</sup>	LM bucket 1.2 m <sup>3</sup>	GP bucket 0.8m <sup>3</sup>	Rock bucket 0.8m <sup>3</sup>	BUCKET-VHD 20 (1.25m <sup>3</sup> )
Code		1660500013	1660500008	1660500011	1660500003	1660500016
Bucket capacity (m <sup>3</sup> )		1.0	1.2	0.8	0.8	1.25
Attachment Weight (kg)		892	961	916	925	1034
Attachment dimension(mm)	L	1677	1677	1677	1635	1635
	W	1324	1476	1080	990	1340
	H	1060	1060	1077	1264	1264
Max. digging depth(mm)		6730	6730	6730	6745	6745
Max. digging reach(mm)		9940	9940	9940	9955	9955
Max. digging force(kN)		147.1	147.1	147.1	145	145
Operating weight(kg)		21700	21769	21724	21733	21842
Indent Number		LG6210E 60210064A0202	LG6225E 60225064A0200	LG6225E 60225064A0200		

## Excavator Attachment






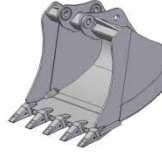

Option				
Name	GP bucket 1.0m <sup>3</sup>	GP bucket 1.2m <sup>3</sup>	LM bucket 1.3m <sup>3</sup>	BUCKET-VHD20 (1.45m <sup>3</sup> )
Code	1660600016	1660600019	1660500020	1660600022
Bucket capacity (m <sup>3</sup> )	1.0	1.2	1.3	1.45
Attachment Weight (kg)	1025	993	1026	1140
Attachment dimension(mm)	L	1718	1718	1669
	W	1270	1457	1470
	H	1077	1082	1264
Max. digging depth(mm)	6980	6980	6980	6970
Max. digging reach(mm)	10260	10260	10260	10250
Max. digging force(kN)	176	176	176	177
Operating weight(kg)	24332	24300	24332	24447
Indent Number	LG6250E 60250064A0200			



# ATTACHMENT LIST



## Excavator Attachment

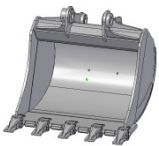
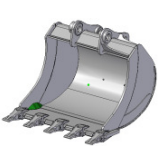
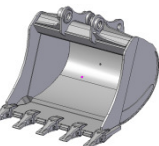
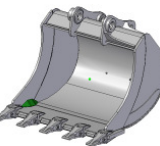
Option						
Name	GP bucket 1.3m <sup>3</sup>	GP bucket 1.4m <sup>3</sup>	GP bucket 1.5m <sup>3</sup>	GP bucket 1.9m <sup>3</sup>	LG6300E GP bucket 1.1m <sup>3</sup>	
Code	1660600011	1660600003	1660500019	1660600024	1660600018	
Bucket capacity (m <sup>3</sup> )	1.3	1.4	1.5	1.9	1.1	
Attachment Weight (kg)	1242	1284	1326	1477	1284	
Attachment dimension(mm)	L	1813	1813	1813	1831	1816
	W	1417	1497	1580	1670	1265
	H	1137	1137	1137	1343	1133
Max. digging depth(mm)	7320	7320	7320	7320	7320	
Max. digging reach(mm)	10690	10690	10690	10690	10690	
Max. digging force(kN)	193.5	193.5	193.5	193.5	193.5	
Operating weight(kg)	29200	29242	29284	29435	29242	
Indent Number	LG6300E 60300064A0200					

# ATTACHMENT LIST



## Excavator Attachment






Option				
Name	GP bucket 1.9m <sup>3</sup>	GP bucket 1.9m <sup>3</sup>	GP bucket 2.0m <sup>3</sup>	GP bucket 2.0m <sup>3</sup>
Code	1660600009	1660600030	1660600023	1660600034
Bucket capacity (m <sup>3</sup> )	1.9	1.9	2.0	2.0
Attachment Weight (kg)	1752	1789	1834	1848
Attachment dimension(mm)	L	1908	1957	1908
	W	1680	1715	1790
	H	1369	1369	1369
Max. digging depth(mm)	6850	6850	6850	6850
Max. digging reach(mm)	10610	10610	10610	10610
Max. digging force(kN)	236	236	236	236
Operating weight(kg)	37700	37737	40050	40064
Indent Number	LG6360E 60360094A0200		LG6400E 60400094A0200	

# ATTACHMENT LIST



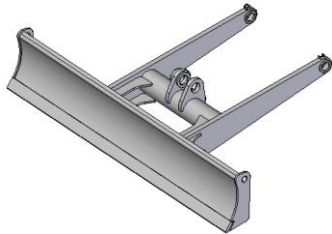
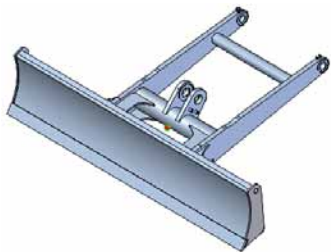
## Excavator Attachment



Option			
Name	LG660 quartering hammer	LG685 quartering hammer	LG6225E/LG6210E quartering hammer
Code	1660300007	1660200006	1660500018
Attachment Weight (kg)	256	470	1500
Attachment Length (mm)	1362	1760	2301
Impact Rate	500~950	460~850	350~680
Flow Rate(L/min)	34~60	45~85	120~150
Operation oil pressure (bar)	95~130	130~150	160~180
Tool Diameter(mm)	70	90	135
Type	H-SB68 (T50)	T90	H-SB140(T200)
Indent Number	LG665E 60065021AT201	LG690E 60090021AT201	LG6210E 60210064A0202 LG6225E 60225064A0200

## Excavator Attachment



Option		
Name	Dozer Blade assembly (6t)	Dozer Blade assembly (9t)
Code	2627000220	2627000203
Blade capacity(m <sup>3</sup> )	/	/
Blade Weight (kg)	225	357
Blade Width (mm)	1960	2240
Blade Height(mm)	346	440
Max. digging depth	365	350
Max. lifting height	360	380
Tilting angle	77°	77°
Indent Number	LG665E 60065021AT201	LG690E 60090021AT201

# CONFIGURATION LIST



## Model: Road Roller

Product Model			RS7120	RD7140	RT8180	RP9300
Indent Number			8R12005 6110901	■R1400L3 411209A0	8R18004 1030900	□R3000W 2260509A0
Standard	Engine	WeichaiDeutz WP6G175E201				√
		WeichaiDeutz WP4G110E221			√	
		DDE BF4M2012-13T2	√			
		DDE BF4M2012-13T3		√		
	Transmission	Hachi gearbox			√	
		Hangchi power shift gearbox				√
	Hydraulic system	NULL			√	√
		Closed loop vibration	√	√		
	Drive system	Rear wheel mechanical			√	
		Rear wheel hydraulic				√
		Front and rear wheel, closed loop hydraulic	√	√		
	Operating type	Single steel drum vibratory	√			
		Three steel drums static grind			√	
		Integrated double steel drum vibratory		√		
		Tyre static grind				√
	Cab	Standard	√	√	√	√
Cooling/heating system	Air conditioner	√	√			
	Heater			√	√	
Tyre	Air filling	√			√	
Optional	Name	Code				
	A/C heater assembly (replace heater assembly)	2830000459(2830000465)			△	
	A/C heater assembly (replace heater assembly)	2830000471(2830000474)				△
	Split type cab (replace integrated cab )	2825000915(2825000828)			△	
	Split type cab (replace integrated cab )	2825001023(2825000836)	△			
	Engineering tyre module (replace water filling tyre)	2810000646 (2810000467)	△			
Optional	Name	Code				
	Padfoot assembly	2814000750	◇			
	Operating lamp	2843000054	◇		◇	
	Road roller container Transportation model	2843000056	◇		◇	

# MAIN PARAMETER




## PRODUCT MODEL: RS7120 ( DDE Engine)



ENGINE MODEL	BF4M2012C
RATED POWER/SPEED	98kW 2300r/min
TRANSMISSION	---
HYDRAULIC SYSTEM	Closed Loop vibration
DRIVE SYSTEM	Front and rear wheel closed loop hydraulic
WORKING TYPE	Single steel drum vibration
TYRE	Air filling
VIBRATING FREQUENCY(Hz)	30/35
CENTRIFUGAL FORCE(kN)	270/184
VIBRATING RANGE(mm)	1.9/0.95
STATIC LINEAR LOAD(N/cm)	313
OPERATING WEIGHT(kg)	12000
DIMENSION(L×W×H)(mm)	6113 × 2300 × 3130
INDENT NUMBER	8R120056110901

## CONFIGURATION: ENGINE



Engine & Photo	 <p>DDE Engine</p>		
Model	BF4M2012C	Fuel type	diesel
Type	Inline ,water-cooled, four-stroke ,direct injection	Rated speed (r/min)	2300
Rated power (kW)	98	Rated fuel consumption (g/kW•h)	215
Displacement (ml)	4038	Number of cylinders	4
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	101/126
Compression ratio	18.4:1	Emission	EC stage II , EPA tier II
Idle speed(r/min)	850±50	Maximum torque (N•m)	493
Net weight(kg)	450		

# MAIN PARAMETER




## PRODUCT MODEL: RD7140 ( DDE Engine)



ENGINE MODEL	BF4M2012-13T3-1794
RATED POWER/SPEED	98KW 2300r/min
TRANSMISSION	---
HYDRAULIC SYSTEM	Closed Loop vibration
DRIVE SYSTEM	Front and rear wheel closed loop hydraulic
WORKING TYPE	Integrated dual steel drum vibration
TYRE	---
VIBRATING FREQUENCY(Hz)	45/66.7
CENTRIFUGAL FORCE(kN)	186/163
VIBRATING RANGE(mm)	0.82/0.33
STATIC LINEAR LOAD(N/cm)	322
OPERATING WEIGHT(kg)	14000
DIMENSION(L×W×H)(mm)	5100x2300x3050
INDENT NUMBER	R1400L3411209A0

## CONFIGURATION: ENGINE



Brand & Photo	DDE Engine		
			
Model	BF4M2012-13T3-1794	Fuel type	diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2300
Rated power (kW)	98	Rated fuel consumption (g/kW•h)	215
Displacement (ml)	4038	Number of cylinders	4
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	101/126
Compression ratio	18.4:1	Emission	EC stage III, EPA Tier III
Idle speed(r/min)	950±50	Maximum torque (N•m)	493
Net weight(kg)	450		

# MAIN PARAMETER




## PRODUCTS MODEL: RT8180 ( Weichai Deutz Engine)



ENGINE MODEL	WP4G110E221
RATED POWER/SPEED	82KW 2000r/min
TRANSMISSION	Hachi gearbox
HYDRAULIC SYSTEM	NULL
DRIVE SYSTEM	Rear wheel mechanism
WORKING TYPE	Three steel drum static grind
TYRE	---
VIBRATING FREQUENCY(Hz)	---
CENTRIFUGAL FORCE(kN)	---
VIBRATING RANGE(mm)	---
STATIC LINEAR LOAD(N/cm)	427
OPERATING WEIGHT(kg)	18000
DIMENSION(L×W×H)(mm)	6224x2400x3300
INDENT NUMBER	8R180041030900

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine		
			
Model	WP4G110E221	Fuel type	diesel
Type	Inline, water-cooled, four-stroke , direct injection	Rated speed (r/min)	2000
Rated power (kW)	82	Rated fuel consumption (g/kW·h)	215
Displacement (ml)	4500	Number of cylinders	4
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750 ± 50	Maximum torque (N·m)	430
Net weight(kg)	505		



# MAIN PARAMETER




## PRODUCT MODEL: RP9300 ( Weichai Deutz Engine)



ENGINE MODEL	WP6G175E201
RATED POWER/SPEED	129KW 2000r/min
TRANSMISSION	Hangchi power shift gearbox
HYDRAULIC SYSTEM	NULL
DRIVE SYSTEM	Rear wheel hydraulic drive
WORKING TYPE	Tyre static grind
TYRE	Air filling
VIBRANTING FREQUENCY(Hz)	---
CENTRIFUGAL FORCE(kN)	---
VIBRATING RANGE(mm)	---
STATIC LINEAR LOAD(N/cm)	---
OPERATING WEIGHT(kg)	30000
DIMENSION(L×W×H)(mm)	5050x2600x3420
INDENT NUMBER	R3000W2260509A0

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G175E201	Fuel type	diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed (r/min)	2000
Rated power (kW)	129	Rated fuel consumption (g/kW·h)	215
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750±30	Maximum torque (N·m)	680
Net weight(kg)	750		

# CONFIGURATION LIST



## Model: Road Roller

Product Model			RS8140		RS8160	RS8180	RS8200
Indent Number			8R1400 41210900	R1400W2 022109A1	8R16004 1210900	8R18004 1210900	8R20004 1110900
Standard	Engine	Weichai Deutz WP6G125E202	√	√			
		Weichai Deutz WP6G175E201					√
		Weichai Deutz WP6G160E201			√	√	
	Transmission	Hachi gearbox	√	√	√	√	
		Hangchi power shift gearbox					√
	Hydraulic system	Closed loop vibration					√
		Open loop vibration	√	√	√	√	
	Drive system	Rear wheel mechanical drive	√	√	√	√	√
	Operating type	Single steel drum vibratory	√	√	√	√	√
	Cab	Standard	√		√	√	√
		Standard split-type cab		√			
	Cooling/heating system	Air conditioner		√			
		Heater	√		√	√	√
	Tyre	Air filling	√	√			
Water filling				√	√	√	
Optional	Name	Code					
	A/C & heater assembly (replace heater assembly)	2830000459 (2830000465)	△		△	△	△
	Split-type cab ( integrated cab )	2825000915 (2825000828)	△		△	△	△
	Engineering tyre module (replace water filling tyre)	2810000543 (2810000544)					△
	Engineering tyre module (replace water filling tyre)	2810000530 (2810000573)	△	△			
Optional	Name	Code					
	Padfoot assembly	2814000750	◇	◇	◇		
	Padfoot assembly	2814000751				◇	◇
	Operating lamp	2843000054	◇	◇	◇	◇	◇
	Road roller container transportation model	2843000056	◇	◇	◇	◇	◇

# MAIN PARAMETER




## PRODUCT MODEL: RS140 ( Weichai Deutz Engine)

ENGINE MODEL	WP6G125E202	
RATED POWER/SPEED	92kW 2000r/min	
TRANSMISSION	Hachi gearbox	
HYDRAULIC SYSTEM	Open Loop vibration	
DRIVE SYSTEM	Rear wheel mechanical	
WORKING TYPE	Single steel drum vibration	
TYRE	Air filling	
VIBRATING FREQUENCY(Hz)	30	30
CENTRIFUGAL FORCE(kN)	261/145	261/145
VIBRATING RANGE(mm)	1.8/1.0	1.8/1.0
STATIC LINEAR LOAD(N/cm)	322	322
OPERATING WEIGHT(kg)	14000	14000
DIMENSION(L×W×H)(mm)	6113 × 2300 × 3140	6113 × 2300 × 3140
INDENT NUMBER	8R140041210900	R1400W2022109A1



## CONFIGURATION: ENGINE

Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G125E202	Fuel type	diesel
Type	Inline, water-cooled, four-stroke , direct injection	Rated speed (r/min)	2000
Rated power (kW)	92	Rated fuel consumption (g/kW·h)	220
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750±30	Maximum torque (N·m)	540
Net weight(kg)	750		

# MAIN PARAMETER




## PRODUCT MODEL: RS8160 ( Weichai Deutz Engine)



ENGINE MODEL	WP6G160E201
RATED POWER/SPEED	118KW 2000r/min
TRANSMISSION	Hachi gearbox
HYDRAULIC SYSTEM	Open Loop vabration
DRIVE SYSTEM	Rear wheel mechanical
WORKING TYPE	Single steel drum vibration
TYRE	Water filling
VIBRANTING FREQUENCY(Hz)	30
CENTRIFUGAL FORCE(kN)	305/170
VIBRATING RANGE(mm)	1.8/1.0
STATIC LINEAR LOAD(N/cm)	368
OPERATING WEIGHT(kg)	16000
DIMENSION(L×W×H)(mm)	6113x2300x3140
INDENT NUMBER	8R160041210900

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G160E201	Fuel type	diesel
Type	Inline, water-cooled, four-stroke , direct injection	Rated speed (r/min)	2000
Rated power (kW)	118	Rated fuel consumption (g/kW·h)	220
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750±30	Maximum torque (N·m)	600
Net weight(kg)	750		

# MAIN PARAMETER




## PRODUCT MODEL: RS8180 ( Weichai Deutz Engine)



ENGINE MODEL	WP6G160E201
RATED POWER/SPEED	118KW 2000r/min
TRANSMISSION	Hachi gearbox
HYDRAULIC SYSTEM	Open Loop vibration
DRIVE SYSTEM	Rear wheel mechanical
WORKING TYPE	Single steel drum vibration
TYRE	Water filling
VIBRATING FREQUENCY(Hz)	30
CENTRIFUGAL FORCE(kN)	338/188
VIBRATING RANGE(mm)	1.8/1.0
STATIC LINEAR LOAD(N/cm)	410
OPERATING WEIGHT(kg)	18000
DIMENSION(L×W×H)(mm)	6300x2320x3185
INDENT NUMBER	8R180041210900

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine			
Model	WP6G160E201	Fuel type	diesel	
Type	Inline, water-cooled, four-stroke , direct injection	Rated speed (r/min)	2000	
Rated power (kW)	118	Rated fuel consumption (g/kW·h)	220	
Displacement (ml)	6750	Number of cylinders	6	
Intake system	Turbo charger	Cylinder diameter/stroke (mm)	105/130	
Compression ratio	18:1	Emission	GB20891-2007	
Idle speed(r/min)	750±30	Maximum torque (N·m)	600	
Net weight(kg)	750			

# MAIN PARAMETER




## PRODUCT MODEL: RS8200 (Weichai Deutz Engine)



ENGINE MODEL	WP6G175E201
RATED POWER/SPEED	129kW 2000r/min
TRANSMISSION	Hangchi gearbox
HYDRAULIC SYSTEM	Closed Loop vibration
DRIVE SYSTEM	Rear wheel mechanical
WORKING TYPE	Single steel drum vibration
TYRE	Water filling
VIBRATING FREQUENCY(Hz)	28/35
CENTRIFUGAL FORCE(kN)	360/280
VIBRATING RANGE(mm)	2.0/1.0
STATIC LINEAR LOAD(N/cm)	455
OPERATING WEIGHT(kg)	20000
DIMENSION(L×W×H)(mm)	6370 × 2320 × 3185
INDENT NUMBER	8R200041110900

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G175E201	Fuel type	Diesel
Type	Inline, water-cooled , four-stroke, direct injection	Rated speed (r/min)	2000
Rated power (kW)	129	Rated fuel consumption (g/kW·h)	215
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo Charger	Cylinder diameter/stroke (mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750±30	Maximum torque (N·m)	680
Net weight(kg)	750		

# CONFIGURATION LIST



## Model: Motor grader

Model			G9165	G9180	G9190		G9200	G9220
Indent Number			<input type="checkbox"/> G1650W 2244109A0	<input type="checkbox"/> G1800W 2244109A0	8G1900 52010600	8G1900 52010601	<input type="checkbox"/> G2000D 2244106A0	<input type="checkbox"/> 8G2200 52010601
Standard	Engine	DDE BF6M1013ECP						√
		DDE BF6M1013EC			√			
		DDE BF6M1013CP					√	
		DDE BF6M1013FC				√		
		Weichai WP6G190E22		√				
		Weichai WP6G175E21	√					
	Transmission	ZF 6WG200 gearbox、 Meritor axle				√		√
		Hangchi 6WG180 gearbox、 Meritor axle		√	√		√	
		Hangchi YD13 gearbox、 Meritor axle	√					
	Brake system	Chain transmission drum brake	√	√	√	√	√	√
	Hydraulic system	Mechanical operation	√	√	√	√	√	√
Driving type	Rear axle drive	√	√	√	√	√	√	
Cab	Standard	√	√					
	FOPS&ROPS			√	√	√	√	
Attachment	Name	Code						
Optional	Name	Code						
	Dual circuit brake system(replace standard brake system)	2818000293 (2818000380)	△	△	△	△	△	△
	G9190 oil bath type air filter (replace standard air intake cap)	2801000943 (2801000571)			△	△	△	△
	Donaldson air filter(replace standard air filter)	2801000908 (2801000566+2801000571)			△	△	△	

Continue →

# CONFIGURATION LIST



## Model: Motor grader

Model		G9165	G9180	G9190		G9200	G9220
Indent number		<input type="checkbox"/> G1650W 2244109A0	<input type="checkbox"/> G1800W 2244109A0	8G1900 52010600	8G1900 52010601	<input type="checkbox"/> G2000D 2244106A0	<input type="checkbox"/> 8G220 052010601
Optional	Name	Code					
	Donaldson air filter (replace standard air filter)	2801000908 (2801000775+2801000776)					Δ
	G9190 grader air intake model (replace standard air filter)	2801000944 (2801000566+2801000571)			Δ	Δ	Δ
	G9190 grader air intake model (replace standard air filter)	2801000944 (2801000775+2801000776)					Δ
	Split type cab (replace standard cab)	2825000864 (2825000564)			Δ	Δ	Δ
	Split type cab (replace standard cab)	2825000864 (2825000963)	Δ	Δ			
	3.9m blade assembly(replace standard 3.7m blade assembly)	2814000662 (2814000825)	Δ				
	3.9m blade assembly(replace standard 4.2m blade assembly)	2814000662 (2814000782)				Δ	Δ
	3.7 m blade assembly(replace standard 3.9m blade assembly)	2814000825 (2814000662)		Δ	Δ	Δ	

Continue →



# CONFIGURATION LIST



## Model: Motor grader

Model		G9165	G9180	G9190		G9200	G9220	
Indent number		<input type="checkbox"/> G1650W 2244109A0	<input type="checkbox"/> G1800W 2244109A0	8G190 052010600	8G190 052010601	<input type="checkbox"/> G2000D 2244106A0	<input type="checkbox"/> 8G2200 52010601	
Optional	Name	Code						
		3.7 m blade assembly (replace standard 4.2 m blade assembly)	2814000825 (2814000782)				△	△
Optional	Name	Code						
	Dozer Blade	1680200001	△	△	△	△	△	
	Scarifier	1680200002	△	△	△	△	△	
	Grade blade floating model	2812000558	△	△	△	△	△	
	Middle scarifier	1680200003	△	△	△	△	△	
	Front scarifier	1680200004	△	△	△	△	△	
	Rear scarifier	1680200006	△	△	△	△	△	
	Front dozer rear scarifier	1680200005	△	△	△	△	△	
	8 feet front Dozer plate	1680200001+ 2836000261(added) + 2836000262(removed)	△	△	△	△	△	△
	10 feet front Dozer plate	1680200001+ 2836000263(added) + 2836000264(removed)					△	△
	Grader container transportation model	2836000241	△	△	△	△	△	△
	Single ultrasonic wave auto leveling model	4190003283	△	△	△	△	△	△
	Single laser auto leveling model	4190003284	△	△	△	△	△	△

# MAIN PARAMETER




## PRODUCT MODEL: G9165 ( Weichai Deutz Engine)



ENGINE MODEL	WP6G175E21
RATED POWER(kw)	129
TRANSMISSION	Hangchi YD13 gearbox
AXLE	Meritor Axle
HYDRAULIC SYSTEM	Mechanical operation
BRAKE SYSTEM	Chain transmission drum brake
DRIVING TYPE	Rear axle drive
DIMENSION (L×W×H) (mm)	8975x2710x3240
OPERATING WEIGHT(kg)	14600
MIN.STEERING RADIUS(mm)	—
BLADE DIMENSION(mm)	—
INDENT NUMBER	G1650W2244109A0

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G175E21	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed(r/min)	2200
rated power (KW)	129	Rated fuel consumption(g/kW·h)	210
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo charger, inter-cooled	Cylinder diameter/stroke(mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750±30	Maximum torque(N·m)	680
Net weight(kg)	636		

# MAIN PARAMETER




## PRODUCT MODEL: G9180 (Weichai Deutz Engine)



ENGINE MODEL	WP6G190E22
RATED POWER(kW)	140
TRANSMISSION	Hangchi 6WG180 gearbox
AXLE	Meritor Axle
HYDRAULIC SYSTEM	Mechanical operation
BRAKE SYSTEM	Chain transmission drum brake
DRIVING TYPE	Rear axle drive
DIMENSION (L×W×H) (mm)	8975X2710X3240
OPERATING WEIGHT(kg)	15300
MIN.STEERING RADIUS(mm)	—
BLADE DIMENSION(mm)	—
INDENT NUMBER	G1800W2244109A0

## CONFIGURATION: ENGINE



Brand & Photo	Weichai Deutz Engine		
			
Model	WP6G190E22	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed(r/min)	2200
Rated power (KW)	140	Rated fuel consumption(g/kW·h)	215
Displacement (ml)	6750	Number of cylinders	6
Intake system	Turbo charger, inter-cooled	Cylinder diameter/stroke(mm)	105/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	750 ± 30	Maximum torque(N·m)	760
Net weight(kg)	636		

# MAIN PARAMETER



## PRODUCT MODEL: G9190 ( DDE Engine)



ENGINE MODEL	BF6M1013EC
RATED POWER	146 kW
TRANSMISSION	Hangchi 6WG180 gearbox
AXLE	Meritor Axle
HYDRAULIC SYSTEM	Mechanical operation
BRAKE SYSTEM	Chain transmission drum brake
DRIVING TYPE	Rear axle drive
DIMENSION (L×W×H) (mm)	8975 × 2710 × 3240
OPERATING WEIGHT(kg)	15800
MIN.STEERING RADIUS(mm)	—
BLADE DIMENSION(mm)	—
INDENT NUMBER	8G190052010600



## PRODUCT MODEL: G9190 ( DDE Engine )



ENGINE MODEL	BF6M1013FC
RATED POWER	148 kW
TRANSMISSION	ZF 6WG200 gearbox
AXLE	Meritor Axle
HYDRAULIC SYSTEM	Mechanical operation
BRAKE SYSTEM	Chain transmission drum brake
DRIVING TYPE	Rear axle drive
DIMENSION (L×W×H) (mm)	8975 × 2710 × 3240
OPERATING WEIGHT(kg)	15800
MIN.STEERING RADIUS(mm)	—
BLADE DIMENSION(mm)	—
INDENT NUMBER	8G190052010601

## CONFIGURATION: ENGINE



Item	Engine	
Photo		
Brand	DDE	DDE
Model	BF6M1013EC	BF6M1013FC
Type	Inline, water-cooled, four-stroke, direct injection	Inline, water-cooled, four-stroke, direct injection
Engine Power (KW)	146	148
Displacement (ml)	7146	7146
Intake system	Turbo Charger	Turbo Charger
Compression ratio	18:1	18:1
Idle speed(r/min)	850±50	850±50
Emission	EC stage II, EPA tier II	EC stage III, EPA tier III
Fuel type	diesel	diesel
Rated speed(r/min)	2100	2100
Rated fuel consumption	235	235
Number of cylinders	6	6
Cylinder diameter/stroke(mm)	108 /130	108 /130
Maximum torque(N·m)	710	710
Net weight(kg)	680	680

# MAIN PARAMETER




## PRODUCT MODEL: G9200 ( DDE Engine)

ENGINE MODEL	BF6M1013CP
RATED POWER(kW)	151
TRANSMISSION	Hangchi 6WG180 gearbox
AXLE	Meritor Axle
HYDRAULIC SYSTEM	Mechanical operation
BRAKE SYSTEM	Chain transmission drum brake
DRIVING TYPE	Rear axle drive
DIMENSION (L×W×H) (mm)	8975x2710x3240
OPERATING WEIGHT(kg)	16000
MIN.STEERING RADIUS(mm)	—
BLADE DIMENSION(mm)	—
INDENT NUMBER	G2000D2244106A0



## CONFIGURATION: ENGINE

Brand & Photo	DDE Engine		
			
Model	BF6M1013CP	Fuel type	Diesel
Type	Inline, water-cooled, four-stroke, direct injection	Rated speed(r/min)	2200
Rated power (kW)	151	Rated fuel consumption(g/kW·h)	235
Displacement (ml)	7146	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke(mm)	108/130
Compression ratio	18:1	Emission	GB20891-2007
Idle speed(r/min)	850 ± 50	Maximum torque(N·m)	760
Net weight(kg)	680		

# MAIN PARAMETER




## PRODUCT MODEL: G9220 ( DDE Engine)



ENGINE MODEL	BF6M1013ECP
RATED POWER(kW)	164
TRANSMISSION	ZF 6WG200 gearbox
AXLE	Meritor Axle
HYDRAULIC SYSTEM	Mechanical operation
BRAKE SYSTEM	Chain transmission drum brake
DRIVING TYPE	Rear axle drive
DIMENSION (L×W×H) (mm)	9235x2710x3240
OPERATING WEIGHT(kg)	16500
MIN.STEERING RADIUS(mm)	—
BLADE DIMENSION(mm)	—
INDENT NUMBER	8G220052010601

## CONFIGURATION: ENGINE



Brand & Photo	 <p>DDE Engine</p>		
Model	BF6M1013ECP	Fuel type	Diesel
Type	Inline, water-cooled , four-stroke, direct injection	Rated speed(r/min)	2100
Rated power (kW)	165	Rated fuel consumption(g/kW·h)	235
Displacement (ml)	7146	Number of cylinders	6
Intake system	Turbo charger	Cylinder diameter/stroke(mm)	108/130
Compression ratio	18:1	Emission	EC stage II, EPA tier II
Idle speed(r/min)	850 ± 50	Maximum torque(N·m)	859
Net weight(kg)	680kg		

# CONFIGURATION LIST



## Model: B877/B876

Model			B877		B876	
Indent Number			6S0770A 3AA300	6S0770A 3EA300	□B0760W2 234AA9A0	□B0760W2 234EA9A0
Standard	Engine	Weichai WP4G95	√	√	√	√
	Working device	Standard rod	√		√	
		Telescopic rod		√		√
	Transmission system	Carraro transmission	√	√	√	√
	Hydraulic system	Mechanical operation	√	√	√	√
	Control valve	Loading 3-joint valve	√	√	√	√
		Excavating 3-joint valve	√	√	√	√
		Swing 3-joint valve	√	√	√	√
		Spare 2-joint valve	√	√	√	√
	Cab	Standard	√	√	√	√
Cooling/heating system	A/C	√	√	√	√	
Attachment	Name	Code				
	B877 loading bucket ( 6 in 1bucket ,capacity 1.0m <sup>3</sup> )	1661000002	●	●	●	●
	B877/B876 loading bucket (capacity 1.0m <sup>3</sup> , with pallet fork )	1661000005	○	○	○	○
	B877 digging bucket(0.3m <sup>3</sup> )	1661000007	○	○	○	○
	B877 digging bucket(0.23m <sup>3</sup> )	1661000008	○	○	○	○
	B877 digging bucket ( 0.18m <sup>3</sup> )	1661000009	●	●	●	●
	B877 digging bucket ( 0.13m <sup>3</sup> )	1661000010	○	○	○	○
	B877 digging bucket ( 0.11m <sup>3</sup> )	1661000011	○	○	○	○
	B877 digging bucket ( 0.08m <sup>3</sup> )	1661000012	○	○	○	○
Optional	Name	Code				
	B877 loading GP bucket (replace GP 6 in 1bucket )	2620000160 ( 2620000173 )	△	△	△	△
	B877/B876 loading GP bucket ( with pallet fork ) (replace GP 6 in 1 bucket )	1661000006 ( 2620000173 )	△	△	△	△
	B877 quartering hammer ( replace B877 quartering hammer )	2618001229 ( 2618001230 )	△	△	△	△
Optional	Name	Code				
	B877 backhoe loader digging quick coupler	2618001165	◇	◇	◇	◇
	B877 backhoe loader loading quick coupler	2620000106	◇	◇	◇	◇



# MAIN PARAMETER



## PRODUCT MODEL: B876 ( Weichai Deutz Engine)



ENGINE MODEL	WP4G95E221
RATED POWER/SPEED	73KW 2200r/min
TRANSMISSION	Carraro torque converter+Carraro transmission
AXLE	Carraro axle
CONTROL VALVE	Loading 3-joint valve
	Excavating 3-joint valve
RATED LOAD (kg)	1800
BUCKET CAPACITY(m <sup>3</sup> )	6 in 1 Multi-purpose loading bucket 1.0m <sup>3</sup>
	Excavating GP bucket 0.18m <sup>3</sup>
MAX. DUMPING HEIGHT (mm)	2716 (-45° tilt angle)
MAX.DIGGING DEPTH (mm)	4327
DIMENSION (L×W×H) (mm)	7246x2350x3650
OPERATING WEIGHT(kg)	8500
INDENT NUMBER	B0760W2234AA9A0


## PRODUCT MODEL: B876 Telescopic Rod (Weichai Deutz Engine)



ENGINE MODEL	WP4G95E221
RATED POWER	73KW 2200r/min
TRANSMISSION	Carraro torque converter+Carraro transmission
AXLE	Carraro axle
CONTROL VALVE	Loading 3-joint valve
	Excavating 3-joint valve
RATED LOAD (kg)	1800
BUCKET CAPACITY(m <sup>3</sup> )	6 in 1 Multi-purpose loading bucket 1.0m <sup>3</sup>
	Excavating GP bucket 0.18m <sup>3</sup>
MAX. DUMPING HEIGHT (mm)	2716(-45° tilt angle)
MAX.DIGGING DEPTH (mm)	5352
DIMENSION (L×W×H) (mm)	7246x2350x3650
OPERATING WEIGHT(kg)	8800
INDENT NUMBER	B0760W2234EA9A0



## CONFIGURATION: ENGINE

Item	Engine
Photo	
Brand	Weichai Deutz Engine
Model	WP4G95E221
Type	Inline, water-cooled, four-stroke , wet sleeve, direct injection
Rated power (KW)	73
Displacement (ml)	4500
Intake system	Turbo Charger
Compression ratio	18:1
Idle speed(r/min)	750±50
Emission	GB20891-2007
Fuel type	diesel
Rated speed(r/min)	2200
Rated fuel consumption(g/kW·h)	230
Number of cylinders	4
Cylinder diameter/stroke(mm)	105/130
Maximum torque(N·m)	420
Net weight(kg)	525

# MAIN PARAMETER



## PRODUCT MODEL: B877 ( Weichai Deutz Engine)

ENGINE MODEL	WP4G95E221
RATED POWER/SPEED	73KW 2200r/min
TRANSMISSION	Carraro torque converter + Carraro gearbox
AXLE	Carraro axle
CONTROL VALVE	Loading 3-joint valve
	Excavating 3-joint valve
RATED LOAD (kg)	1800
BUCKET CAPACITY(m <sup>3</sup> )	6 in 1 Multi-purpose loading bucket 1.0m <sup>3</sup>
	Excavating GP bucket 0.18m <sup>3</sup>
MAX. DUMPING HEIGHT (mm)	2716(-45° tilt angle)
MAX.DIGGING DEPTH (mm)	4327
DIMENSION (L×W×H) (mm)	5899x2350x3650
OPERATING WEIGHT(kg)	8400
INDENT NUMBER	6S0770A3AA300




## PRODUCT MODEL: B877 Telescopic Rod ( Weichai Deutz Engine)

ENGINE MODEL	WP4G95E221
RATED POWER/SPEED	73KW 2200r/min
TRANSMISSION	Carraro torque converter+Carraro transmission
AXLE	Carraro axle
CONTROL VALVE	Loading 3-joint valve
	Excavating 3-joint valve
RATED LOAD (kg)	1800
BUCKET CAPACITY(m <sup>3</sup> )	6 in 1 Multi-purpose loading bucket 1.0m <sup>3</sup>
	Excavating GP bucket 0.18m <sup>3</sup>
MAX. DUMPING HEIGHT (mm)	2716(-45° tilt angle)
MAX.DIGGING DEPTH (mm)	5352
DIMENSION (L×W×H) (mm)	5899x2350x3650
OPERATING WEIGHT(kg)	8700
INDENT NUMBER	6S0770A3EA300

## CONFIGURATION: ENGINE



Item	Engine
Photo	
Brand	Weichai Deutz Engine
Model	WP4G95E221
Type	Inline, water-cooled, four-stroke , wet sleeve, direct injection
Rated power (KW)	73
Displacement (ml)	4500
Intake system	Turbo Charger
Compression ratio	18:1
Idle speed(r/min)	750±50
Emission	GB20891-2007
Fuel type	diesel
Rated speed(r/min)	2200
Rated fuel consumption(g/kW•h)	230
Number of cylinders	4
Cylinder diameter/stroke(mm)	105/130
Maximum torque(N•m)	420
Net weight(kg)	525



All machines and related information included in this brochure are for reference only.  
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