KOMATSU
KOMATSU MARKETING DIVISION

PC300HD-5

HEAVY DUTY HYDRAULIC EXCAVATOR

Model shown may include optional equipment

KOMATSU: The Quality is Standard.

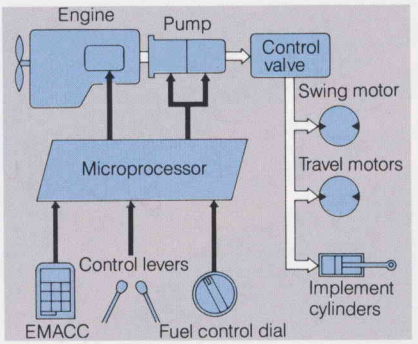
FLYWHEEL HORSEPOWER: 207 HP @ 1950 RPM. BUCKET CAPACITY: .76-1.91 m³ (1.00-2.50 yd³). OPERATING WEIGHT: 36140 kg (79,670 lb).

- Working mode selection system matches machine performance to actual job conditions
- OLSS system conserves fuel by preventing neutral, fine control and relief losses
- "Power max" button temporarily boosts digging forces for added power in tough situations
- Autodecelerator lowers engine speed whenever the work equipment and travel controls are in neutral for additional fuel savings
- Hi-Lo travel speed system automatically selects the correct travel speed depending on ground conditions and operator selection
- Merged circuits reduce cycle times
- Straight travel circuit assures straight travel, even during simultaneous operations
- Spacious, well-ventilated cab, excellent visibility and adjustable wrist controls add to the operator's comfort and productivity
- Adjustable electronic monitor and control console puts all control and monitoring functions at your fingertips
- Long track length and a wide, variable track gauge provide for greater stability, increased lifting capacities, and easy transport
- High ground clearance provides greater accessibility to forestry and other remote, rough ground applications
- Heavy-duty, one-class-higher undercarriage means excellent durability even in the roughest applications

The New Frontier of Technology

UNEQUALLED PERFORMANCE AND FUEL ECONOMY

Working Mode Selection System
This system allows the operator to match machine performance and economy to the task at hand by selecting either the "Heavy Duty Operations," "General Operations," "Finishing Operations" or "Lifting Operations" mode. Simply select the appropriate working mode and the microcomputer does the rest.



Pump and Engine Mutual Control System
A microprocessor automatically varies engine speed and pump output for maximum fuel efficiency without sacrificing productivity.

Electronic Monitor and Control Console (EMACC)
The EMACC puts all system controls and display functions within easy view and reach of the operator. The console can also be rotated through three positions to provide the best, glare-free viewing angle.

The EMACC Consists of:
- Working Modes
- Power Modes: Three modes (H, S and L) are automatically set in accordance with the working mode. Manual reset is also possible.
- Autodeceleration
- Monitor: constantly checks machine's condition
  Pre-start level checks
  Fuel gauge
  Coolant temperature gauge
  Caution items: coolant level and temperature, fuel level, oil pressure, and charge system
- Lo-Hi travel speed selector
- Swing lock indicator
- Wiper controls: intermittent or continuous
  Heater fan control

Power max. button

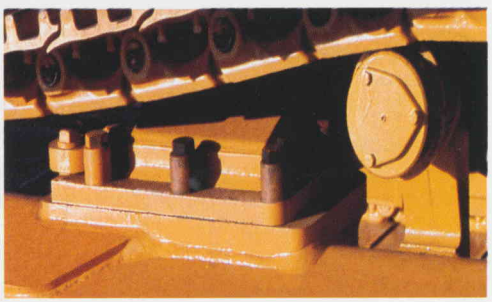
"Power Max" Button
Located on top of the left hand control lever, the "power max" button temporarily increases digging forces for added power in tough digging situations.

The New Frontier of Quality

Quality Improvements Include:
- Added filters and radiator dust-resistant screening to keep the hydraulic system clean and cool.
- Double lock electronic connectors and in-cab mounted electronic microprocessor provide increased reliability and protection from the elements.

Automatic Warm-Up System
Engine speed is automatically controlled by the microprocessor when coolant temperature is low for fast, fuel efficient and reliable engine warm-up.

Engine Overheat Prevention
Should the coolant temperature rise above desired levels, pump output and engine speed are reduced, preventing damage to the engine.



Variable Track Gauge

EASY AND COMFORTABLE OPERATION

Automatic Hi-Lo Travel Speed

Travel speed is automatically shifted to either "Hi" or "Lo," depending on ground conditions and operator selection.

Fuel Control Dial
The easy to use dial makes adjusting the engine speed quick and effortless.

Engine Key Stop
To stop the engine, simply turn the ignition key to off.

Spacious Cab
The roomy, efficient cab design has a large glass area for excellent visibility, as well as sliding front and side windows for cross ventilation.

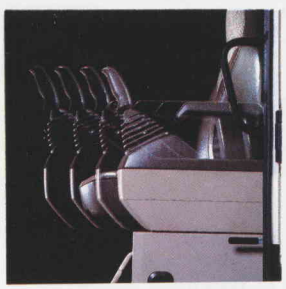
Adjustable Wrist Control Levers
Unitized wrist control levers and arm rests can be adjusted through three work positions for maximum operator comfort. The proportional pressure wrist controls reduce operating effort while assuring precise work equipment operations.

Adjustable Operator's Seat
The fully adjustable suspension seat provides outstanding comfort.

Boom Lock Valve
The boom circuit is equipped with a boom holding valve to prevent hydraulic drift of the work equipment.

Swing Lock
The swing can be locked for transport simply by flicking a switch.

High Ground Clearance
Travel is easy, even on rough ground, due to the increased ground clearance.



Adjustable wrist control lever

Variable Track Gauge
For shipping convenience, the gauge of the track and thus the overall width, can be decreased. This enhances the ability to transport the machine through tunnels, into remote mountain areas, and through many other confined areas.

Heavy Duty Undercarriage
This one-class-higher undercarriage spreads loads over larger areas for exceptional durability and stability even in the roughest applications.

Other Performance-Proven Features
- OLSS (Open-Center Load Sensing System) reduces hydraulic losses.
- Autodeceleration boosts fuel economy.
- Swing holding brake makes working on slopes much easier.
- Car-like operator's cab.
- X-leg frame for excellent stability.
- Merged circuits shorten cycle times.
- Straight travel circuits facilitate simultaneous work equipment/travel operations.

SPECIFICATIONS

ENGINE

Komatsu SA6D108 4-cycle, water-cooled, and turbocharged diesel engine with 6 cylinders, 108 mm **(4.25")** bore x 130 mm **(5.12")** stroke and 7.15 ltr **(436 in³)** piston displacement.
Flywheel horsepower ..... **207 HP @ 1950 RPM**
The engine features direct injection for fuel economy, a mechanical all-speed governor, forced lubrication with a full flow filter, dry-type air cleaner with dust indicator and automatic dust evacuator, 24 V/7.5 kw starting system with 25A alternator, 2 x 12V/150 Ah batteries, and corrosion resistor.

HYDRAULIC SYSTEM

Two variable capacity piston pumps and independent swing operation assure smooth compound movements of the work equipment. The Pump and Engine Mutual Control (PEMC) system controls the engine speed and pump output for maximum fuel efficiency and productivity. The Open-center Load Sensing System (OLSS) controls the pumps for efficient use of engine power, reduced hydraulic losses during operation, and low fuel consumption.
Two variable-capacity piston pumps power boom, arm, bucket, swing and travel circuits. One gear pump powers pilot control circuits.

Pump capacities (discharge flow @ 1950 engine RPM):
Piston..... 250 ltr **(66 U.S. gal)** min x 2
Gear ..... 90 ltr **(24 U.S. gal)** min

Hydraulic motors:
Travel ..... Two axial piston motors with parking brake
Swing ..... One axial piston motor with swing holding brake

Relief valve settings:
Implement circuits ..... 325 kg/cm² **(4,620 psi)**
Swing circuits..... 275 kg/cm² **(3,910 psi)**
Pilot circuits..... 30 kg/cm² **(430 psi)**
Travel circuits ..... 325 kg/cm² **(4,620 psi)**

Control valves:
4-spool and 5-spool valves with a service valve

No. of cylinders — bore x stroke:
Boom..... 2-140 mm x 1480 mm **(5.5" x 4'10")**
Arm..... 1-160 mm x 1685 mm **(6.3" x 5'6")**
Bucket ..... 1-140 mm x 1285 mm **(5.5" x 4'3")**

STEERING

Steering/traveling controls are activated with either hand levers or foot pedals. Pushing both levers (or pedals) moves machine forward. Pulling them back makes machine go into reverse. Setting one lever (or pedal) in neutral and the other in forward enables machine to make a pivot turn. Pushing one forward while pulling the other backward makes machine counterrotate on the spot.

DRIVES

Fully hydrostatic drive with each track powered by an axial piston two-speed motor. Power goes through a double-reduction planetary gear to the track. Automatic Hi-Lo travel.
Maximum drawbar pull ..... 32500 Kg **(71,650 lb)**
Maximum travel speed, high ..... 4.4 Km/h **(2.7 MPH)**
Maximum travel speed, low ..... 2.5 Km/h **(1.6 MPH)**

BRAKES

Each travel motor is equipped with a brake valve that lessens shock when applied, and limits speed during descent. The wet, multiple-disc brakes actuate on the final-drive input shaft and automatically lock when the travel/steering levers and/or pedals are in neutral.

SWING SYSTEM

The swing system is powered by a hydraulic driven motor through spur and planetary gears. Single-row, shear type ball bearings with induction-hardened internal gears are built into the swing circle. Grease-bathed swing pinion, electric swing lock and swing holding brake are provided. Swing speed is proportional to swing control lever stroke.
Max. swing speed ..... 10 RPM
Tail-swing radius..... 3225 mm **(10'7")**
Min. swing radius ..... 4260 mm **(14')**
(work equipment, fully retracted)

UNDERCARRIAGE

X-leg type center frame is integrally welded with reinforced box-section track frames. Variable track gauge system allows reduction in track gauge for easy shipping without sacrificing stability. The design includes sealed tracks, lubricated rollers and idlers, hydraulic track adjusters with shock absorbing springs, and assembled track-type tractor shoes with triple grousers.
Shoe width..... 700 mm **(28")**
Grouser height..... 36 mm **(1.4")**
Number of shoes (each side)..... 49
Number of carrier rollers (each side)..... 2
Number of track rollers (each side) 7
Ground pressure..... 0.59 kg/cm² **(8.39 psi)**

SERVICE REFILL CAPACITIES

Fuel tank..... 510 ltr **(134.7 U.S. gal)**
Coolant..... 31.5 ltr **(8.3 U.S. gal)**
Engine..... 18.9 ltr **(5.0 U.S. gal)**
Final drive (each side) ..... 11.0 ltr **(2.9 U.S. gal)**
Swing drive ..... 22.5 ltr **(5.9 U.S. gal)**
Hydraulic oil..... 195 ltr **(51.5 U.S. gal)**

OPERATING WEIGHT

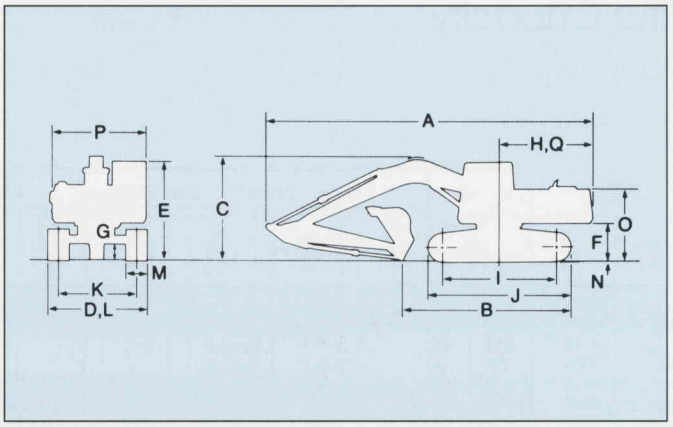
Including 6470 mm **(21'3")** one-piece boom, 3185 mm **(10'5")** arm, 1.44 m³ **(1.88 yd³)** ESCO STDP backhoe bucket, 700 mm **(28")** triple grouser shoes, operator, lubricant, coolant and full fuel tank .....36140 kg **(79,670 lb)**

DIMENSIONS

		2.2 m **(7'3")** arm	2.55 m **(8'4")** arm	3.185 m **(10'5")** arm	4.02 m **(13'2")** arm
A	Overall length	10935 mm **(35'11")**	10845 mm **(35'7")**	10775 mm **(35'4")**	10840 mm **(35'7")**
B	Length on ground (transport)	7765 mm **(25'6")**	6870 mm **(22'6")**	5685 mm **(19'3")**	5360 mm **(17'7")**
C	Overall height (to top of boom)	3500 mm **(11'6")**	3540 mm **(11'7")**	3285 mm **(10'9")**	3695 mm **(12'1")**

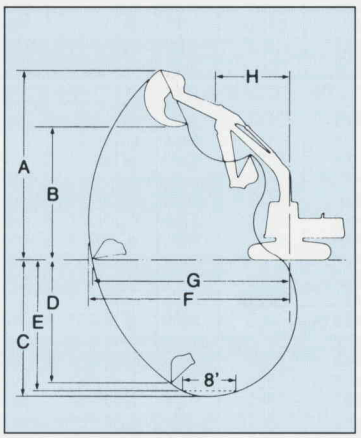
D	Overall width	3570 mm **(11'9")**
D	Overall width (transport)*	3070 mm **(10'1")**
E	Overall height (to top of cab)	3180 mm **(10'5")**
F	Ground clearance, counterweight	1285 mm **(4'3")**
G	Min. ground clearance	642 mm **(2'1")**
H	Tail swing radius	3225 mm **(10'7")**
I	Length of track on ground	4020 mm **(13'2")**
J	Track length	5035 mm **(16'6")**
K	Track gauge	2870 mm **(9'5")**
L	Width of crawler	3570 mm **(11'9")**
M	Shoe width	700 mm **(28")**
N	Grouser height	36 mm **(1.4")**
O	Machine cab height	2685 mm **(8'10")**
P	Machine cab width	2960 mm **(9'9")**
Q	Distance, swing center to rear end	3150 mm **(10'4")**

*Variable gauge retracted



WORKING RANGE

		2.2 m **(7'3")** arm	2.55 m **(8'4")** arm	3.185 m **(10'5")** arm	4.02 m **(13'2")** arm
A	Max. digging height	9615 mm **(31'7")**	10000 **(32'10")**	10245 mm **(33'3")**	10585 mm **(34'9")**
B	Max. dumping height	6675 mm **(21'11")**	6975 mm **(22'11")**	7190 mm **(23'7")**	7570 mm **(24'10")**
C	Max. digging depth	6215 mm **(20'5")**	6565 mm **(21'6")**	7240 mm **(23'9")**	8040 mm **(26'5")**
D	Max. vertical wall digging depth	4955 mm **(16'3")**	5715 mm **(18'9")**	6315 mm **(20'9")**	7115 mm **(23'4")**
E	Max. digging depth of cut for 8' level	6025 mm **(19'9")**	6420 mm **(21'1")**	7080 mm **(23'3")**	7940 mm **(26')**
F	Max. digging reach	1016 mm **(33'4")**	10555 mm **(34'8")**	11105 mm **(36'5")**	11905 mm **(39'1")**
G	Max. digging reach at ground level	9930 mm **(32'7")**	10335 mm **(33'11")**	10900 mm **(35'9")**	11710 mm **(38'5")**
H	Min. swing radius	4330 mm **(14'2")**	4345 mm **(14'3")**	4260 mm **(14'0")**	4280 mm **(14')**
Bucket digging force		18800 Kg **(41,450 lb/184 kN)**	18800 Kg **(41,450 lb/184 kN)**	18800 Kg **(41,450 lb/184 kN)**	18800 Kg **(41,450 lb/184 kN)**
Arm crowd force		19700 Kg **(42,110 lb/187 kN)**	16700 Kg **(36,820 lb/164 kN)**	14100 Kg **(31,080 lb/138 kN)**	12100 Kg **(26,680 lb/119 kN)**



BUCKETS

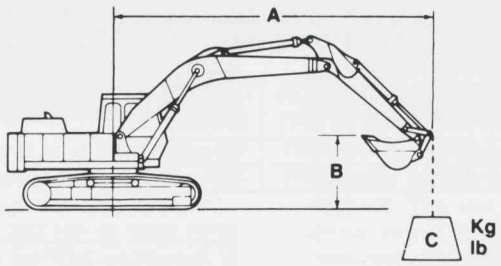
TYPE	Capacity m³ **(yd³)** SAE, PCSA heaped	Width mm **(in)** Outside Lip	Width mm **(in)** With side cutters (Komatsu) With wear shrouds (ESCO)	Weight Kg **(lb)**	No. of Teeth	ARMS 2.2 m **(7'3")**	ARMS 2.55 m **(8'4")**	ARMS 3.185 m **(10'5")**	ARMS 4.02 m **(13'2")**
KOMATSU Mid-Heavy Duty	0.86 **(1.13)**	710 **(28)**	815 **(32)**	930 **(2,118)**	4	○	○	○	○
	1.06 **(1.38)**	840 **(33)**	940 **(37)**	1040 **(2,358)**	4	○	○	○	○
	1.25 **(1.63)**	965 **(38)**	1145 **(45)**	1145 **(2,600)**	5	○	○	○	○
ESCO STDP	0.96 **(1.25)**	760 **(30)**	815 **(32)**	955 **(2,105)**	4	○	○	○	○
	1.15 **(1.50)**	915 **(36)**	965 **(38)**	1030 **(2,275)**	4	○	○	○	○
	1.44 **(1.88)**	1065 **(42)**	1120 **(44)**	1150 **(2,531)**	5	○	○	○	□
	1.62 **(2.12)**	1220 **(48)**	1270 **(50)**	1225 **(2,705)**	5	○	○	□	X
	1.91 **(2.50)**	1370 **(54)**	1420 **(56)**	1350 **(2,975)**	6	○	□	Δ	X
ESCO HDP	0.96 **(1.25)**	760 **(30)**	815 **(32)**	1165 **(2,563)**	4	○	○	○	○
	1.15 **(1.50)**	915 **(36)**	965 **(38)**	1250 **(2,753)**	4	○	○	○	○
	1.44 **(1.88)**	1065 **(42)**	1120 **(44)**	1375 **(3,034)**	5	○	○	○	Δ
	1.62 **(2.12)**	1220 **(48)**	1270 **(50)**	1485 **(3,269)**	5	○	○	□	X
	1.91 **(2.50)**	1370 **(54)**	1420 **(56)**	1610 **(3,550)**	6	○	□	Δ	X
ESCO HDC	0.76 **(1.00)**	710 **(28)**	785 **(31)**	945 **(2,082)**	4	○	○	○	○
	0.96 **(1.25)**	840 **(33)**	915 **(36)**	1155 **(2,544)**	4	○	○	○	○
	1.06 **(1.38)**	990 **(39)**	1065 **(42)**	1210 **(2,670)**	4	○	○	○	○
	1.44 **(1.88)**	1145 **(45)**	1220 **(48)**	1515 **(3,345)**	5	○	○	□	X

○ - Can be used with a material weight up to 3,040 lb/yd³
□ - Can be used with a material weight up to 2,520 lb/yd³
Δ - Can be used with a material weight up to 2,020/yd³
X - Not useable

PC300HD-5

Equipped with 700 mm **(28")** triple grouser shoes and 1.44 m³ **(1.88 yd³)**, 1150 kg **(2,531 lb)** ESCO STDP bucket with wear shrouds and teeth.

HYDRAULIC EXCAVATOR
Lifting Capacity



A — Reach from swing centerline
B — Bucket hook height
C — Lifting capacities
— Rating over front
— Rating over side or 360 degrees
— Rating at maximum reach

	A / B		1.5m/5'		3.0m/10'		4.6m/15'		6.1m/20'		7.6m/25'		9.1m/30'		⊗	
Arm	7.6m 25'	kg lb													*6660 14600	*6660 14600
	6.1m 20'	kg lb							*7210 15900	*7210 15900	*6510 14300	*6510 14300			*6410 14200	6210 13700
	4.6m 15'	kg lb					*10610 23400	*10610 23400	*8110 17900	*8110 17900	*6860 15100	6560 14500			*6410 14100	5360 11900
	3.0m 10'	kg lb					*12810 28300	*12810 28300	*9160 20200	9010 19800	*7310 16200	6360 14000			*6460 14200	4910 10900
	1.5m 5'	kg lb					*13960 30800	13110 28900	*9910 21900	8560 18900	*7760 17100	6110 13500			*6560 14400	4810 10600
2200mm 7'3"	0m 0'	kg lb					*13860 30600	12910 28400	*10160 22400	8310 18400	*7860 17300	5960 13200			*6660 14700	4910 10900
	−1.5m −5'	kg lb			*11210 24700	*11210 24700	*12960 28600	12960 28500	*9760 21600	8260 18200	*7460 16500	5960 13100			*6760 14900	5410 12000
	−3.0m −10'	kg lb			*14160 31300	*14160 31300	*11260 24800	*11260 24800	*8460 18700	8260 18200					*6710 14800	6560 14400
	−4.6m −15'	kg lb					*8160 18000	*8160 18000							*6160 13500	*6160 13500
Arm	9.1m 30'	kg lb														
	7.6m 25'	kg lb													*5110 11300	*5110 11300
	6.1m 20'	kg lb									*6160 13600	*6160 13600			*4960 11000	*4960 11000
	4.6m 15'	kg lb					*9960 22000	*9960 22000	*7760 17100	*7760 17100	*6560 14500	*6560 14500			*5010 11100	4860 10800
	3.0m 10'	kg lb					*12310 27100	*12310 27100	*8860 19500	*8860 19500	*7110 15700	6360 14000			*5310 11700	4510 10000
2550mm 8'4"	1.5m 5'	kg lb					*13790 30400	13260 29200	*9610 21200	8460 18700	*7660 16700	6110 13500	*6110 13500	4660 10300	*5760 12700	4410 9700
	0m 0'	kg lb					*13960 30800	12910 28500	*10110 22300	8310 18300	*7810 17200	7960 13100	*6260 13800	4560 10000	*6210 13700	4510 10000
	−1.5m −5'	kg lb			*10010 22100	*10010 22100	*13260 29300	12860 28400	*9860 21800	8210 18100	*7560 16700	5910 13000			*6310 11900	4960 10900
	−3.0m −10'	kg lb			*15510 34200	*15510 34200	*11760 26000	*11760 26000	*8910 19600	8310 18300	*6510 14300	5960 13200			*6260 13900	5860 12900
	−4.6m −15'	kg lb			*11560 25500	*11560 25500	*9060 19900	*9060 19900	*6560 14400	*6560 14700					*5860 12900	*5860 12900

NOTES

1. Lifting capacities shown do not exceed 75% of minimum tipping loads of 87% of hydraulic capacities. Capacities marked with an asterisk (*) are limited by hydraulic capacities.

2. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be considered part of the load.

3. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface. The user must make allowances for unfavorable job conditions such as soft or uneven ground or sudden stopping of loads.

4. The least stable position is over the side.

5. The operator should be fully acquainted with the Komatsu Operation Manual before operating the machine.

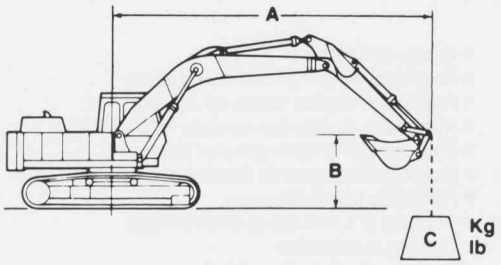
6. Capacities apply only to the machine as originally manufactured and normally equipped by Komatsu.

7. Ratings are based on SAE Standard No. J1097.

PC300HD-5

Equipped with 700 mm **(28")** triple grouser shoes and 1.44 m³ **(1.88 yd³)**, 1150 kg **(2,531 lb)** ESCO STDP bucket with wear shrouds and teeth.

HYDRAULIC EXCAVATOR
Lifting Capacity



A — Reach from swing centerline
B — Bucket hook height
C — Lifting capacities
— Rating over front
— Rating over side or 360 degrees
— Rating at maximum reach

	A / B		1.5m/5'		3.0m/10'		4.6m/15'		6.1m/20'		7.6m/25'		9.1m/30'		⊗	
			↓	⟶	↓	⟶	↓	⟶	↓	⟶	↓	⟶	↓	⟶	↓	⟶
Arm	7.6m 25'	kg lb									*5110 11300	*5110 11300			*3410 7500	*3410 7500
	6.1m 20'	Kg lb									*5610 12400	*5610 12400			*3310 7300	*3310 7300
	4.6m 15'	Kg lb							*7060 15600	*7060 15600	*6110 13400	*6110 13400	*5310 11700	4810 10600	*3360 7400	*3360 7400
	3.0m 10'	Kg lb					*11260 24900	*11260 24900	*8260 18200	*8260 18200	*6710 14800	6410 14100	*5760 12800	4660 10300	*3510 7800	*3510 7800
	1.5m 5'	Kg lb					*13210 29100	*13210 29100	*9310 20500	8710 19200	*7310 16100	6160 13600	*6060 13400	4560 10000	*3860 8500	*3860 8500
3200mm 10'5"	0m 0'	Kg lb			*5710 12600	*5710 12600	*13960 30800	13010 28700	*9910 21900	8360 18400	*7660 16900	5910 13100	*6160 13600	4460 9800	*4360 9700	4060 8900
	−1.5m −5'	Kg lb	*6410 14200	*6410 14200	*9660 21300	*9660 21300	*13660 30200	12810 28300	*9960 22000	8160 18000	*7660 16900	5810 12800	*5710 12600	4410 9700	*5210 11600	4360 9600
	−3.0m −10'	Kg lb	*10410 23000	*10410 23000	*14510 32000	*14510 32000	*12560 27700	*12560 27700	*9360 20600	8160 18000	*7060 15600	5810 12900			*5910 13100	5060 11100
	−4.6m −15'	Kg lb			*14060 31000	*14060 31000	*10410 22900	*10410 22900	*7710 17000	*7710 17000					*5810 12800	*5810 12800
Arm	9.1m 30'	kg lb													*2610 5800	*2610 5800
	7.6m 25'	Kg lb											*2410 5400	*2410 5400	*2410 5300	*2410 5300
	6.1m 20'	Kg lb											*4210 9300	*4210 9300	*2360 5200	*2360 5200
	4.6m 15'	Kg lb									*5360 11800	*5360 11800	*4910 10800	4810 10700	*2360 5200	*2360 5200
	3.0m 10'	Kg lb			*15460 34100	*15460 34100	*9710 21400	*9710 21400	*7310 16100	*7310 16100	*6060 13300	*6060 13300	*5260 11600	4660 10300	*2510 5500	*2510 5500
4000mm 13'2"	1.5m 5'	Kg lb			*8010 13300	*8010 13300	*12010 26500	*12010 26500	*8560 18900	*8560 18900	*6710 14900	6110 13500	*5610 12400	4510 9900	*2710 6000	*2710 6000
	0m 0'	Kg lb			*6260 13900	*6260 13900	*13360 29500	13010 28700	*9410 20800	8310 18300	*7260 16000	5860 12900	*5910 13000	4360 9600	*3060 6700	*3060 6700
	−1.5m −5'	Kg lb	*5260 11600	*5260 11600	*8710 19200	*8710 19200	*13710 30200	12660 27900	*9410 21600	8010 17700	*7510 16500	5660 12500	*5960 13100	4260 9400	*3560 7900	*3560 7900
	−3.0m −10'	Kg lb	*8310 18400	*8310 18400	*12160 26900	*12160 26900	*13110 28900	12610 27800	*9560 21100	7960 17500	*7260 16000	5610 12400	5510 12100	4260 9400	*4460 9800	4110 9100
	−4.6m −15'	Kg lb	*11960 26400	*11960 26400	*16560 36500	*16560 36500	*11560 25500	*11560 25500	*8510 18800	8010 17700	*6260 13900	5710 12600			*5260 11600	5010 11100
	−6.1m −20'	Kg lb			*12010 26500	*12010 26500	*8710 19200	*8710 19200	*6160 13600	*6160 13600					*4960 11000	*4960 11000

NOTES

1. Lifting capacities shown do not exceed 75% of minimum tipping loads of 87% of hydraulic capacities. Capacities marked with an asterisk (*) are limited by hydraulic capacities.

2. Lifting capacities shown should not be exceeded. Weight of all lifting accessories must be considered part of the load.

3. Lifting capacities assume the machine is standing level on a firm, uniform supporting surface. The user must make allowances for unfavorable job conditions such as soft or uneven ground or sudden stopping of loads.

4. The least stable position is over the side.

5. The operator should be fully acquainted with the Komatsu Operation Manual before operating the machine.

6. Capacities apply only to the machine as originally manufactured and normally equipped by Komatsu.

7. Ratings are based on SAE Standard No. J1097.

STANDARD EQUIPMENT

- 24 V/7.5 kW electric starting motor
- 25 A alternator
- 12 V/170 Ah x 2 batteries
- Dry-type air cleaner with dust indicator and auto dust evacuator
- Proportional Pressure hydraulic control
- Electronic Open-Center Load Sensing System and Pump Engine Mutual Control system
- Boom holding valve
- Autodeceleration
- Power maximizing system
- Power mode selection system
- Working mode selection system
- Service valve
- Two speed travel
- Double air cleaner element
- Swing holding brake
- Gauge protector
- Engine overheat prevention system
- Automatic engine warm-up system
- Automatic deaeration system for fuel line
- 700 mm **(28")** triple-grouser shoes
- Track guiding guards (each side)
- Hydraulic track adjusters
- 5420 kg **(11,950 lb)** counter weight
- Cooling suction fan
- Radiator & oil cooler with dust screen
- Pins for boom foot and boom cylinder foot
- Hydraulic lock type travel/parking brake
- Revolving frame under cover
- Electric horn
- Front light (1)
- Rearview mirror (RH)
- In-line filter
- Vandalism protection locks
- All-weather steel cab with tinted safety glass windows, pull-up type front window with lock device, removable lower windshield, lattice guard, lockable door, floor mat, intermittent window wiper and washer, adjustable suspension seat with armrest, cigarette lighter, ashtray, heater and defroster, room light, glass protector brackets.
- Instrument Panel – Electronic Monitor and Control Console Type:
  Caution lights, display lights, gauges, pilot indicators, and switches. Electrically controlled engine throttle dial. Service meter, electric.
- Travel alarm
- Heater/Defroster
- Variable track gauge

ATTACHMENTS AND OPTIONAL EQUIPMENT

- Air conditioner
- Fuel supply pump
- 35A alternator
- Head guard
- Track frame underguard
- Rearview mirror (LH)
- Tool kit
- Track roller guards (center)
- Heavy duty boom and arm
- Full roller guard

SHOES

Triple grouser Shoe width mm **(in)**	600 **(24)**	700 **(28)**	750 **(29.5)**	800 **(31.5)**	900* **(33.5)**
Machine ground pressure Kg/cm² **(psi)**	0.68 **(9.67)**	0.59 **(8.39)**	0.55 **(7.82)**	0.52 **(7.39)**	0.47 **(6.68)**
Additional weight kg **(lb)**	−421 **(930)**	0	+210 **(460)**	+421 **(920)**	+843 **(1,850)**

*For use on soft terrain only.

ARMS

Type	Length mm **(ft.in)**	Approx. Weight kg **(lbs)**
Extra Short	2210 **(7'3")**	821 **(1,810)**
Short	2550 **(8'4")**	885 **(1,950)**
Standard	3200 **(10'5")**	980 **(2,160)**
Long	4013 **(13'2")**	1225 **(2,700)**

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