



Iron

**130_135 4V_140_140 4V_155 4V
160_160 4V_175 4V_185 4V**

Iron

- NEW DEUTZ COMMON RAIL, TIER III, 2 OR 4 VALVES, 4 OR 6 CYLINDER INTERCOOLED, TURBOCHARGED AND ELECTRONICALLY CONTROLLED ENGINES WITH EXHAUST GAS RECIRCULATION SYSTEM
- 4-RATIO POWERSHIFT GEARBOX, MAX. 50 KM/H, LIMITED TO 40 KM/H AT ECONOMY ENGINE SPEED (FOR LEGAL PURPOSES)
- HYDROSTATIC STEERING WITH INDEPENDENT HYDRAULIC SYSTEM
- SELF-COMPENSATING, HYDRAULIC, FRONT AXLE AND CAB SUSPENSION SYSTEMS
- SBA/ASM AUTOMATIC TRACTION CONTROL
- CLOSED-CENTRE HYDRAULIC CIRCUIT WITH 120 L/MIN., VARIABLE DELIVERY, LOAD SENSING PUMP SINGLE PIECE, GALVANISED METAL BODY
- NEW "HI-LINE" VERSIONS AVAILABLE

SAME
Rely on us.

TECHNICAL DATA

	Version	IRON 130 4WD	IRON 135 4V 4WD	IRON 140 4WD	IRON 140 4V 4WD	IRON 155 4V 4WD	IRON 160 4WD	IRON 160 4V 4WD	IRON 175 4V 4WD	IRON 185 4V 4WD	
ENGINE		DEUTZ COMMON RAIL 2012 TIER III									
Cylinders/Displacement	no./cm ³	6/6057	4/4038	6/6057	6/6057	4/4038	6/6057	6/6057	6/6057	6/6057	
Valves	no.	12	16	12	24	16	12	24	24	24	
Aspiration		Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	
Max. power	HP/kW	141/103,5	142/104,5	149/109,5	149/109,5	158/116	166/122	166/122	180/132	192/141	
Homologated power at nominal engine speed (2000/25/CE)	HP/kW	132/97	134/98,5	145/106,5	145/106,5	154/113	163/120	163/120	176/129	184/135	
Nominal engine speed	rpm	2100	2100	2100	2100	2100	2100	2100	2100	2100	
Max. torque	Nm	527	599	574	574	669	655	655	717	749	
Max. torque engine speed	rpm	1100-1600	1400	1200-1600	1200-1600	1400	1400-1700	1400-1700	1600	1600	
Torque backup	%	30	33	31	31	30	26	26	26	30	
Cooling		liquid-oil									
Engine control		electronic									
Air cleaner		dry with safety cartridge and dust ejector									
Silencer underhood		with exhaust on cab upright									
Fuel tank capacity	litres	270	210	270	270	210	270	270	305	305	
DIMENSIONS AND WEIGHTS (with rear tyres)		18.4 R 38	18.4 R 38	18.4 R 38	18.4 R 38	650/65 R 38	20.8 R 38	20.8 R 38	20.8 R 38	650/65 R 42	
Max. length without link arms	mm	4587	4359	4587	4587	4359	4587	4587	4757	4807	
Width	mm	2304	2304	2304	2304	2304	2470	2470	2500	2720	
Max. height at cab	mm	2922	2942	2922	2922	3065	2922	2922	2997	3127	
Ground clearance	mm	520	520	520	520	520	520	520	570	605	
Wheelbase	mm	2647	2419	2647	2647	2419	2647	2647	2767	2817	
Front track	mm	1700-1900	1700-1900	1700-1900	1700-1900	1600-1900	1600-1900	1600-1900	1600-1900	1850-1950	
Rear track	mm	1600-1850	1600-1850	1600-1850	1600-1850	1800-1900	1800-1900	1800-1900	1814-1906	1865-1980	
Weight with cab	kg	5460	5155	5460	5460	5435	5610	5610	5970	6750	

TRANSMISSION	
Gearbox clutch	oil immersed, hydrostatically operated
POWERSHIFT gearbox: 6 ranges for 4 power gears (min. speed: 3.23 km/h)	24 FWD + 24 REV
POWERSHIFT gearbox: 6 ranges for 4 power gears + creeper (min. speed: 0.40 km/h)	40 FWD + 40 REV
Max. speed	km/h 50 km/h limited by electronic regulator to 40 km/h* at nominal engine speed and economy engine speed (1840 rpm)
Hydraulic power shuttle	with double multidisc clutch, oil immersed, electronically operated with control lever under steering wheel
Rear differential lock	electro-hydraulically operated
Lubrication	forced with transmission oil cooler
REAR P.T.O.	
Clutch	multiple discs, oil immersed
Speed	rpm 540-540 ECON-1000-1000 ECON
Operation	electro-hydraulically operated, push-button control
FRONT P.T.O.	
Clutch	multiple discs, oil immersed
Speed	rpm 1000
Operation	electro-hydraulically operated, push-button control
BRAKES AND STEERING	
Braking system	all wheel braking, discs, oil immersed on all 4 wheels, hydrostatically operated hydrostatically operated, integral braking by means of discs, oil immersed on rear wheels, and 4WD engagement
Trailer braking	hydraulic braking valve pneumatic braking system
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	52°
FRONT AXLE	
Type	conventional
Drive engagement	with hydraulic suspension and automatic adjustment
Front differential lock	electro-hydraulically operated SBA system: automatic front wheel drive disengagement

Front ballast	ten 40 kg case type weights ballast spacer (330 kg)
Front mudguards	swivelling
HYDRAULIC LIFT	
Rear lift	electronically controlled with Radar
Maximum lifting capacity	kg 6200/9200
Pump delivery	83 l/min. fixed displacement pump 120 l/min. variable displacement pump with Load Sensing
Auxiliary hydraulic control valves	no. ways 4/8 with flow regulator, joystick control lever and direct (PowerBeyond) coupler for connection to external control valves
3 point linkage (link arms and top link)	automatic hitching with link arm swing lock during lifting
Front lift	double acting cylinders maximum lifting capacity 3200/4000 kg quick fit ballast, 1000 kg
DRIVING POSITION	
Cab	original sound-proofed (72 dBA), with platform suspended on silent-block, "high visibility" roof, rear wipers, 8 work lights, telescopic rear-view mirrors as above with automatic compensation pneumatic suspension
Cab conditioning	air conditioning with drinks cooler, ventilation, heating, forced recirculation
Instruments	analog with digital display
Driver's seat with safety belt	mechanical adjustment pneumatic suspension, revolving
HI-LINE VERSION	
Multifunction armrest with integral joystick	
Automatic Powershift gearbox	
Auxiliary electrohydraulic control valves	
S.D.S.: programming and storage of repetitive sequences of operations	
I-Monitor available	
New console side for ergonomically comfortable	

POWERSHIFT GEARBOX 40 FWD + 40 REV - SPEED IN KM/H AT AN ENGINE SPEED OF 2100 RPM WITH 20.8 R 38 REAR TYRES										
	1 SR	2 SR	3 SR	4 SR	1	2	3	4	5	6
L	0,39	0,71	1,12	1,69	3,18	5,72	9,18	13,83	19,01	29,10
M	0,47	0,85	1,35	2,03	3,81	6,86	11,00	16,58	22,80	34,89
H	0,57	1,00	1,61	2,43	4,56	8,21	13,17	19,84	27,29	41,75*
S	0,68	1,20	1,93	2,91	5,47	9,84	15,79	23,79	32,71	50,00*

POWERSHIFT GEARBOX 40 FWD + 40 REV - SPEED IN KM/H AT AN ENGINE SPEED OF 2100 RPM WITH 20.8 - 42 REAR TYRES										
	1 SR	2 SR	3 SR	4 SR	1	2	3	4	5	6
L	0,40	0,70	1,12	1,69	3,18	5,73	9,19	13,48	19,05	29,15
M	0,47	0,84	1,35	2,03	3,82	6,87	11,02	16,61	22,84	34,95
H	0,56	1,01	1,61	2,43	4,57	8,22	13,19	19,88	27,33	41,83*
S	0,67	1,21	1,94	2,92	5,48	9,86	15,82	23,83	32,77	50,00*

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.

*FOR SOME COUNTRIES SPEED LIMITED BY ELECTRONIC REGULATOR TO 40 KM/H FOR LEGAL PURPOSES
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS.

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Company with Quality System Certified in compliance with ISO 9001:2000

Technical data and illustrations are approximations only. SAME, in its efforts to supply the product that you require, reserves the right to update this information at any time without notice.

IP: Published by the Marketing Dept. - Cod. 306.81.99.31.4 - 12/09 - CFV