



Iron 150.7 165.7 180.7

Iron

- NDEUTZ EURO II, TURBO INTERCOOLED ENGINES WITH ELECTRONIC ENGINE CONTROL
- 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 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
TRADITIONALLY INNOVATIVE

TECHNICAL DATA

IRON 150.7

IRON 165.7

IRON 180.7*

	Version	4WD	4WD	4WD
		Deutz Euro II	Deutz Euro II	Deutz Euro II
ENGINE				
Cylinders/Displacement	no./cm³	6/7146	6/7146	6/7146
Aspiration			Turbo Intercooler	
Max. homologated power (2000/25/CE)	HP/KW	166/122	179/132	185/136
Max. homologated power (ECE R24.03)	HP/KW	150/110	170/125	170/125
Nominal engine speed	rpm	2350	2350	2350
Max. torque	Nm	556	683	755
Max. torque engine speed	rpm	1400-1700	1400-1700	1100-1400
Torque backup	%	41	45	53
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	305	305	305
DIMENSIONS AND WEIGHTS (with rear tyres)		580/70 R 38	650/65 R 38	650/65 R 42
Max. length without link arms	mm	4760	4760	4825
Width min.- max.	mm	2380-2580	2530	2550
Max. height at cab	mm	2985	2985	3127
Ground clearance	mm	535	535	585
Wheelbase	mm	2770	2770	2817
Front track min.- max.	mm	1790-2000	1900	1900
Rear track min.- max.	mm	1800-2000	1850	1850
Minimum steering radius without braking	mm	4950	4950	5000
Weight with cab	kg	5880	5970	6750

TRANSMISSION	
Gearbox clutch	in oil bath, hydrostatically operated
POWERSHIFT gearbox: 6 ranges for 4 power gears + creeper (min. speed: 0.40 km/h)	40 FWD + 40 REV
Max. speed	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 in oil bath, 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 in oil bath
Speed	rpm 540-540 ECON-1000-1000 ECON
Operation	electro-hydraulically operated, push-button control

FRONT P.T.O.	
Clutch	multiple discs in oil bath
Speed	rpm 1000
Operation	electro-hydraulically operated, push-button control

BRAKES AND STEERING	
Braking system	all wheel braking, discs in oil bath on all 4 wheels, hydrostatically operated hydrostatically operated, integral braking by means of discs in oil bath 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 with hydraulic suspension and automatic adjustment
Drive engagement	electro-hydraulically operated
Front differential lock	SBA system: automatic front wheel drive disengagement and automatic diff. lock release
Front ballast	ballast spacer (330 kg) and ten 40 kg case type weights
Front mudguards	swivelling

HYDRAULIC LIFT	
Rear lift	electronically controlled with Radar
Maximum lifting capacity	kg 9200
Pump delivery	l/min. 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 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	
Clutch control with pushbutton on gear lever	
Highly ergonomic lateral console	

POWERSHIFT GEARBOX 40 FWD + 40 REV - SPEED IN KM/H AT AN ENGINE SPEED OF 2350 RPM WITH 650/65 R 42 REAR TYRES										
	1 SR	2 SR	3 SR	4 SR	1	2	3	4	5	6
L	0,40	0,74	1,18	1,79	3,34	6,04	9,68	14,59	20,06	30,71
M	0,49	0,88	1,42	2,13	4,01	7,23	11,60	17,49	24,04	36,81
H	0,58	1,06	1,70	2,56	4,81	8,68	13,91	20,98	28,85	44,20**
S	0,70	1,27	2,03	3,07	5,78	10,40	16,68	25,13	34,57	52,91**

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.

*-HI-LINE VERSION ONLY
**=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.

DEALER CONTACT

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