



Iron 150_170

CONTINUO

Iron

- NEW DEUTZ COMMON RAIL, EURO III, 24 VALVES, 6 CYLINDER INTERCOOLED, TURBOCHARGED AND ELECTRONICALLY CONTROLLED ENGINES WITH EXTERNAL EXHAUST GAS RECIRCULATION SYSTEM
- STEPLESS, HYDROSTATIC-MECHANICAL TRANSMISSION WITH FOUR RANGES AND THREE DRIVING STRATEGIES MAX. 50 KM/H AT ECONOMY ENGINE SPEED, LIMITED TO 40 KM/H AT SUPER-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

SAME
TRADITIONALLY INNOVATIVE

TECHNICAL DATA

IRON 150 Continuo

IRON 170 Continuo

	Version	4WD	4WD
ENGINE		DEUTZ COMMON RAIL 2012 EURO 3	
Cylinders/Displacement	no./cc	6/6057	
Valves	no.	24	
Aspiration		Turbo Intercooler	
Max. power	HP/KW	165/121	184/135
Homologated power at nominal engine speed (2000/25/CE)	HP/KW	165/121	169/124
Rated speed	rpm	2100	2100
Max. torque	Nm	606	693
Max. torque speed	rpm	1700-1300	1800-1400
Torque reserve	%	37	29
Cooling		liquid cooled	
Engine control		electronic	
Air cleaner		dry with safety cartridge	
Under-hood silencer		with exhaust at cab upright	
Fuel tank capacity	litres	300	
DIMENSIONS AND WEIGHTS (with rear tyres)		580/70 R 38	650/65 R 38
Max. length without link arms	mm	4757	4757
Width	mm	2480	2480
Max. height at cab	mm	2997	2997
Ground clearance	mm	570	570
Wheelbase	mm	2767	2767
Front track	mm	1900	1900
Rear track	mm	1900	1850
Minimum turning circle without brakes	mm	5130	5130
Weight with cab	kg	6525	6525

TRANSMISSION	
Gearbox clutch	oil bath, hydrostatically operated
Gearbox	continuously variable drive
Work ranges	4 automatic powershift ranges
Max. speed	50 km/h at economy engine speed, limited to 40 km/h at super-economy engine speed (for legal purposes)
Hydraulic power shuttle	with electronically controlled double multi-disc oil bath clutch with control lever below steering wheel
Rear differential lock	electrohydraulically engaged
Lubrication	forced + transmission oil cooler

REAR PTO	
Clutch	multi-disc, oil bath
Speed	540-540 ECO-1000-1000 ECO
Operation	electrohydraulic, push-button control

FRONT PTO	
Clutch	multi-disc, oil bath
Speed	1000
Operation	electrohydraulic, push-button control

BRAKES AND STEERING	
Brakes	hydrostatic with rear discs in oil bath and DT coupling hydraulic braking valve
Trailer braking	pneumatic braking system
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	52°

FRONT AXLE	
Type	conventional with automatically activated hydraulic suspension
Innesso trazione	electrohydraulically engaged
Front differential lock	self-locking SBA/ASM: automatic control of front wheel drive and differentials
Front ballast	ballast frame (330 kg) and 10 case type weights (40kg)
Front mudguards	steering

HYDRAULIC LIFT	
Rear lift	electronically controlled with radar
Max. lifting capacity	9200 kg
Pump delivery	variable displacement 120 l pump with load sensing function
Hydraulic control valves	8 with flow control including 4 with timer, joystick control and direct couplings for connection to external (PowerBeyond) control valves, electrohydraulically operated
3 point linkage (link arms and top link)	automatic coupling with raised arm swing damping double acting cylinders
Front lift	maximum lifting capacity 4000 kg quick fit ballast 1000 kg

DRIVING POSITION	
Controls	multifunctional armrest with joystick storage and automation of repetitive actions
Cab	original soundproofed (72 dbA) with fit at platform mounted on vibration dampers, high visibility roof, rear wiper, 8 work lights, telescopic rear view mirrors as above with self-adjusting pneumatic suspension
Cab air conditioning	air conditioner, drinks cooler, ventilation, heating and forced recirculation
Instrumentation	analogue with digital display
Driving seat	with pneumatic suspension and seat belt

The above specifications refer to the most complete level of equipment available. See the current price list and ask your local dealer for further information on standard and optional equipment.

DEALER CONTACT

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Akros

SPECIALISED LUBRICATION FOR SAME

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

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