5090EH John Deere Tractor





5090EH

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Engine		
Engine power	89 hp / 92 hp	
Emissions level	Tier 2	
Rated ERPM	2400 rpm	
Torque	355 Nm	
	1600 rpm	
Cylinders	4	
Aspiration	Turbocharged	
Displacement	4.5 L (276 in ³)	
Fuel Tank	95 L / 125 L (Cab)	

Transmission	
Type	9F /3R Synchronized
Option	12F/12R PowrReverser™
Reverser	Yes, EH only PowrReverser™
MFWD Activation	Mechanical
Option	Electrohydraulic with PowrReverser™

Clutch	
Type	Dry
Option	Wet with PowrReverser™
Material	Cerametallic
Diameter	279 mm (11 in)

77 hp
Independent
540
540 / 540E with PowrReverser™

Hydraulics		
Hydraulic System	Open center	
Pump type	Gears	
Total flow	85.1 L/min	
Flow to implement	60.2 L/min	
Lift capacity @ 610 mm	1398 kg	
Category	1&11	
Rear SCV	1 (2nd optional)	

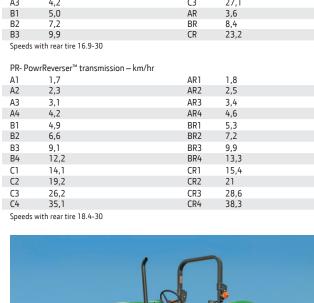
Differential and rear axle	
Differential lock	Mechanical with pedal
Brakes	Hydraulically operated wet disk

Steering		
Type	Hydrostatic power	
Flow to steering	24.9 L/min	
Electrical system		
Alternator	70 A / 90 A (Cab)	

3.39 hp (2.5 kW)

Wheels & tires		
Standard		
- Front tires	13.6 – 38 R2	
- Rear tires	13.6 – 38 R2	
Optional		
- Front tires	230/95R 48 R1W	
- Rear tires	230/95R 48 R1W	
Ground speeds at rated engine speed		

Groun	d speeds at ra	ted engine speed			
TSS-To	p Shaft Synchi	ronized Transmission –	km/hr		
A1	2,1		C1	13,8	
A2	3,1		C2	19,9	
A3	4,2		C3	27,1	
B1	5,0		AR	3,6	
B2	7,2		BR	8,4	
B3	9,9		CR	23,2	
Speeds	with rear tire 16	9-30			



Dimensions	
Wheelbase	2179 mm
Overall length	3586 mm
Overall width	2010 mm
Height to top of ROPS	2899 mm
Height to steering wheel	2315 mm
Ground clearance	649 mm
Approx. shipping weight	3235 kg

Basic equipment	
- Fuel prefilter	 Double element air filter
- Safety triangle	- Drawbar
- Seatbelt	- 1st rear SCV
- Foot throttle	- 2 rear lamps
- 1 front lamp	 Front weight support
- Operators manual	 Roll-over protective structure

Basic equipment for cab	
- Isolated cabin	- Air conditioner / heater
- Seatbelt	 Seat with mechanical suspension
 Windshield wipers 	 Interior lights / warning lights
- 12V connector	- AM/FM radio preparation
 Preparation for Greenstar system with PR 	- Cup holder

Optional equipment	
- Front counterweights	- Rear counterweights
- Canopy	- Creeper
- 2nd rear SCV	 Air suspension seat for cab



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Starter motor