

5EN Narrow Series

John Deere Tractors



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Engine	5076EN	5090EN
Engine horsepower at rated speed	75 hp (55.9 kW)	92 hp (68.6 kW)
Rated engine speed	2400 rpm	
Cylinders	4	
Aspiration	Turbocharged	
Displacement	4.5 L	
Fuel tank capacity	63 L	
Emission Level	Tier 2	

Transmission	5076EN	5090EN
Standard	12F / 12R PowrReverser™	
Optional with Creeper	16F / 16R PowrReverser™	
Reverse	Yes (Electrohydraulic)	
On-the-go shifting	Partial	
Clutch	Wet	

Power Take-Off	5076EN	5090EN
PTO horsepower	64 hp (47.7 kW)	75 hp (55.9 kW)
Control	Independent	
Speed	540 / 540E (Economy)	
Activation	Electrohydraulic	
Clutch	Wet	

Hydraulic System	5076EN	5090EN
Type	Open Center	
Total Pump Capacity	94.6 L/min	
Pump capacity - Hydraulic	69.6 L/min	
Lift Capacity at 610 mm	1530 kg	
Selective Control Valves	2 std (3rd Opt.)	
Category	IN / I / II	

Steering	5076EN	5090EN
Type	Hydrostatic	
Pump capacity- Steering	25 L/min	

Differential and Rear Axle	5076EN	5090EN
Differential lock	Mechanical foot pedal	
Brakes	Hydraulic Wet Disk	
MFWD Activation	Electrohydraulic	

Electrical System	5076EN	5090EN
Alternator	70 A (OOS) / 90 A (CAB)	
Starter motor	12 V (3.2 kW)	

Dimensions (2WD/MFWD)	5076EN	5090EN
Wheelbase	2084 mm	
Overall length	3655 mm	
Overall width minimum	1320 mm	
Total height to steering wheel	1480 mm / 1529 mm	
Front ground clearance	358 mm / 350 mm	
Turning radius w/o brakes	3901 mm / 3932 mm	
Turning radius with brakes	3414 mm / 3353 mm	
Approx. Shipping weight	2904 kg (OOS) / 3539 kg (CAB)	

Speeds	5076EN	5090EN
Speeds at 2400 rpm (km/h)		PowrReverser™
		Rear tire: 12.4-24
A1		1.33
A2		1.82
A3		2.48
A4		3.32
B1		3.85
B2		5.23
B3		7.15
B4		9.57
C1		11.12
C2		15.13
C3		20.66
C4		27.67
Rev A1		1.46
Rev A2		1.98
Rev A3		2.70
Rev A4		3.62
Rev B1		4.20
Rev B2		5.71
Rev B3		7.79
Rev B4		10.44
Rev C1		12.13
Rev C2		16.51
Rev C3		22.54
Rev C4		30.19

Standard tire size	5076EN	5090EN
2WD		
Front	6.5-16, 6PR	
Rear	14.9-24, 6PR	
MFWD		
Front	9.5-16, 6PR	
Rear	14.9-24, 6PR	



Optional tire size	5076EN	5090EN
Front	8.0-16, 6PR / 10.5/80-18, 10PR 280/70R16 Radial	
Rear	12.4-24, 8PR / 14.9-28, 10PR 16.9-24, 8PR / 380/70R24 Radial	

Basic Equipment with OOS	5076EN	5090EN
- Fuel system water lock		- Safety triangle
- Double element air filter		- Foot throttle
- Drawbar		- 3 lamps
- Seat belt		- (2 front lamps and 1 rear lamp)
- 2nd rear SCV		- 7 pt. connector
- Rear hitch assistance controls		- Front counterweights supporter
- Operators manual		- Exterior mirror
- Diesel cooler		- Beacon light

Basic Equipment with CAB	5076EN	5090EN
- Isolated cabine preparation		- AM/FM radio preparation
- Air conditioning and heater		- Beverage holder
- Cloth seat with mechanical suspension		- Interior lights and warning lights (front and rear)
- Seat belt		- 4 work lamps (2 front and 2 rear)
- Activated carbon filter		- Preparation for Greenstar system
- Tilt and telescoping steering column		- Lockable fuel tank
- Front and rear windshield wipers		- Diesel cooler
- Interior mirror		- Exterior mirrors
- 7 pt. connector		- Beacon light
- 2nd rear SCV		
- Rear hitch assistance controls		

Optional Equipment	5076EN	5090EN
- Toolbox		- 3rd rear SCV
- Right side stairway (OOS)		- Reverse alarm
- Front counterweights		- Air-suspension seat (CAB)
- Rear counterweights		- Double mid valve with joystick
- Creeper		- Spacers

2WD = Two Wheel Drive
4WD = Four Wheel Drive
CAB = Cabin
OOS = Open Operator Station

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