

**JOHN DEERE 5125R (2017)****OFFICIAL TEST**

Nebraska Test number

Factory Observed

**ENGINE**

Manufacturer

John Deere 4045 PowerTech PWL

Engine family

FJDXL04.5211

Aspiration

Turbocharged / Air-to-Air Aftercooled

Cylinders/Displacement, cu. in. (L)

4.5 L 4/276 cu in.

Cylinder Liners

Wet Sleeved

Fuel tank capacity, US Gal. (L) (Open; Cab)

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Standard

144 L  
38 gal.

Underhood muffler

Yes

**PERFORMANCE**

Advertised PTO hp (kW) @ Rated rpm

83.5 @ 2200 per SAE kW 112 @ 2200 per  
SAE PTO hp

Advertised Engine hp (kW) @ Rated speed

93.2 @ 2200 per ISO 97/68/EC kW 125 @  
2200 per ISO 97/68/EC engine hp

Maximum Torque (PTO) @ rpm, lb-ft (Nm)

398 @ 1600 (540)

Maximum Torque Rise % (PTO) @ Eng rpm

36 @ 1600

**TRANSMISSION**

Std. Transmission; Forward/Reverse

16F/16R CommandQuad Manual

Opt. Transmission; Forward/Reverse

16F/16R CommandQuad Manual w/  
creeper, 32F/16R Command8

Reverser	Standard - Left Hand, Electronic Optional - Joystick Reverser
On-the-Go Shifting (Yes/No/Partial)	Yes
Clutch; Wet/Dry	Wet
Creeper	16F/16R CommandQuad Manual w/ creeper

**POWER TAKE-OFF (PTO)**

Standard	540/540E/1000
PTO Speeds @ Engine rpm	540 @ 2100 rpm 540E @ 1645 rpm 1000 @ 2103 rpm
PTO Actuation	Electrohydraulic

**HYDRAULICS**

Type	Standard Open Center Optional Pressure-and-Flow Compensated (PFC) System
Pump Rated Output, GPM (L/min.)	---
Standard	25.5 gpm 96.6 L/min
Optional	31 gpm 96.6 L/min
Rated Flow @ One SCV, GPM (L/min.)	Standard 19.3 gpm Standard 73.0 L/min Optional 26.4 gpm Optional 100.0 L/min
Maximum Operating Pressure, psi (kPa)	2900 psi 20000 kPa
Hitch Draft Control Load Sense Type	Electrohydraulic
Remote Control Valves Available	2/up to 4 total
Hitch Category (SAE Designation)	Category 2/1
Hitch Lift Cap. lb (kg) @24 in. Bhnd Lift Pt.	---

Standard	6700 lb 3038 kg
Optional	7860 lb 3564 kg
Sensing type	Lower Link
Joystick SCV control	Optional

**FINAL DRIVE**

Type	Inboard Planetary
Differential controls	Electrohydraulic
Availability	---
Front	No
Front & Rear	No
Engage On-the-Go Rear Differential Lock	Yes
Axle Type	Flanged
Brakes, Type and Control	Hydraulic Wet Disc

**OPERATOR STATION**

Cab	---
Doors	2
dB(A) Rating	73dB(A)
Seat Suspension System	Cloth Air Suspension Seat (opt. Air Ride with low frequency and heat)

**MFWD DIMENSIONS**

Wheelbase, in. (mm)	88.6 in. 2250 mm
Front Tread Range, in. (mm)	1148-2000
Front Axle Clearance, in. (mm)	565 - 690 (tire dependent)

Turning Radius w/Brakes, ft (m)	11.1 ft 3.37 m
Turning Radius w/o Brakes, ft (m)	12.1 ft 3.7 m
Limited Slip Differential	Yes
Approx. Ship Wgt, lb (kg) Open; Cab	9811 lb 4450 kg

**STANDARD TIRES**

MFWD	---
Front	12.4R24 (320/85R24) R1W Radial
Rear	18.4R30 R1W Radial

**MISCELLANEOUS**

Country of Manufacture	Augusta, GA
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