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## 5090E

### 5090E Utility Tractor

- 2-year or 2,000-hour warranty.
- Synchronized transmission with 9 forward gears and 3 reverse gears.
- Customizable in as many as 21 different versions.
- Motor PowerTech, guaranteed technology and efficiency worldwide.
- Available Market: Thailand, Cambodia, Indonesia, Malaysia, Philippines, Myanmar, Vietnam

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# Specs & Compare

Key Specifications	
Engine John Deere 4	John Deere 4 Cyclinder Engine, 2100RPM
Horsepower	89 hp (66.4kW)
Transmission	9F, 3R Synchronized
Engine	
Engine Power @ 2400 rpm	89 hp (66.4 kW)
Engine Power @ 2400 rpm	92 hp (69.0 kW)
Engine Rated RPM	Maximum Torque (Tier 0) - 318 Nm Maximum Torque (Tier 2) - 355 Nm
Cylinders	Aspiration - Turbo
Displacement	4.5 L (278 cu .in3)
Compression ratio (Tier 0)	17.0:1
Compression ratio (Tier 2)	17.6:1
Injection Pump	Rotary-Type
Transmission	
Standard	9/3 Synchronized
Optional	12/12 PowrReverser™
Reverser	Electro-Hydraulic
Clutch	
Type	Standard - Dry Optional - Wet with PowrReverser™
Material	Cerametallic

Diameter279 mm (11 in)

Power Take off

Maximum PTO Power (Tier 0)77 hp (57.4 kW)

Maximum PTO Power (Tier 2)75 hp (56 kW)

Type (standard)Fully Independent

PTOStandard - 540 rpm  
Optional - 540E Economy with PowrReverserTM

PTO ActuationStandard - Mechanical  
Optional - Electrohydraulic with PowrReverserTM

Hydraulic System

TypeOpen Center

PumpTandem Gear

Flow Rate (Implement)60.2 L/min

Hitch Lift Capacity at 6101530 kg (3374 lb)

Hitch CategoryI & II

1 (opt. 2)1 (opt. 2)

Steering

TypeHydrostatic

Flow Rate (steering)24.9 L/min

Rear Axle

Differential ControlsMechanical (Pedal)

Break TypeHydraulically Operated Wet Disk

Electrical System

Alternator70A / 90 A (Cab)

Starting Motor12 V (2.5 kW)

Capacities

Fuel Tank - 95 L / 126 L (Cab)  
Front - 11.2x224  
Front (Optional) - 13.6x24  
Rear - 16.9x30  
Rear (Optional) - 18.4x30

Cooling System10.8 L

Crankcase (including filter)8.5 L

Dry Clutch (Synchronized Transmission)38 L (2WD) / 41.8 L (MFWD)

Wet Clutch (12/12)43.5 L

Machine Dimensions

Standard Wheelbase2180 mm

Overall Length (including PTO)3570 mm

Overall width (outside edge of tire)2100 mm

Height to the top of ROPS2540 mm

Height to the top of Steering Knobs1964.81 mm

Front Axle Crop Clearance509 mm (2WD) / 420 mm (MFWD)

Height to the top of the PTO513 mm

Approx. Shipping Weight (2WD)2500 kg

Approx. Shipping Weight (MFWD)2687 kg

Tires

Front tires standard - 10.0-16 (2WD) / 11.2-24 (MFWD)  
Front tires optional (MFWD) - 12.4-24 / 13.6 -24 / 320/85R24

**Rear tires standard**

Rear tires standard - 16.9-30  
Rear tires optional - 15.5-38/ 18.4-30 / 18.4 - 30 R2 / 420/85R30  
/ 460/85R30

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Product features are based on published information at the time of publication. Product features are subject to change without notice. Contact [your local John Deere dealer](#) for more information.