

5D Series Utility Tractors

Add Versatility With John Deere & Frontier Attachments:

512 and 553 Loaders

Rotary Cutters

(Refer to tractor and cutter compatibility chart on pages 144 - 148)



5055D Utility Tractor shown

FEATURES

For proof that John Deere quality, performance, and reliability don't have to come at a premium price, take a look at the new 5D Series Utility Tractors.

TWO MODELS ARE AVAILABLE:

	Engine HP*
5045D	45
5055D	55

- The 5D Series Tractors are available in a 45- or 55-horsepower* configuration, both with comfortable open operator stations. The standard 8F/4R transmission offers plenty of range for most medium-duty tasks, while the hydraulic system provides lifting power for basic loader work. Attach any of the hundreds of rear implements with the standard rear three-point hitch and PTO.
- The comfortable open operator station features color-coded controls: orange controls (shifter and throttle) govern movement of the tractor, black indicates hydraulic controls (loader joystick, SCVs), while yellow indicates controls for the PTO and implements.

- The loader-compatible 5D Series Tractors can also be equipped with a rotary cutter, rear blade, or any of hundreds of attachments from John Deere and Frontier Equipment.

* Engine horsepower is provided by engine manufacturer for comparison purposes only. Actual operating horsepower will be less.

SPECIFICATIONS

	5045D	5055D
Power:		
PTO	37 hp (27.3 kW)*	45 hp (33.1 kW)*
Engine	45 hp (33.1 kW)*	55 hp (41.5 kW)*
Rated Engine Speed	2,300 rpm	2,300 rpm
Engine:		
Make	John Deere POWERTECH™	John Deere POWERTECH
Type	Vertical, valve-in-head, 4-stroke diesel	Vertical, valve-in-head, 4-stroke diesel
Operating Range	1,600 to 2,400 rpm	1,600 to 2,400 rpm
Number of Cylinders	3	3
Displacement	179 cu. in. (2.9 L)	179 cu. in. (2.9 L)
Aspiration	Turbocharged	Turbocharged
Bore	4.19 in. (106 mm)	4.19 in. (106 mm)
Stroke	4.33 in. (110 mm)	4.33 in. (110 mm)
Lubrication	Force-feed, pressurized with full flow filter	Force-feed, pressurized with full flow filter
Cooling System	Pressurized with centrifugal pump	Pressurized with centrifugal pump
Number of Main Bearings	4	4
Transmission:		
8F/4R	Standard	Standard
Capacities:		
Fuel Tank	16.0 U.S. gal. (60.0 L)	16.0 U.S. gal. (60.0 L)
Cooling System	10 U.S. qt. (9.5 L)	10 U.S. qt. (9.5 L)
Crankcase (w/Filter)	9 U.S. qt. (8.5 L)	9 U.S. qt. (8.5 L)
Transmission, Differential, and Hydraulic System:		
2WD	10 U.S. gal. (37.9 L)	10 U.S. gal. (37.9 L)
Power Takeoff:		
Independent 540 Rear PTO (Standard)	540 rpm at 2,200 engine rpm	540 rpm at 2,200 engine rpm
Clutch (PTO Disk Dia.)	11.0 in. (280 mm)	11.0 in. (280 mm)
Brakes:		
Type	Mechanical, wet disc running in oil	Mechanical, wet disc running in oil
Operation	Foot operated, individually or simultaneously	Foot operated, individually or simultaneously
Adjustment	Manual	Manual
Hydraulic System		
Type	Open center	Open center
Type	Tandem-gear	Tandem-gear
Pump:		
Steering73 cu. in. (11.9 cm ³)	.73 cu. in. (11.9 cm ³)
Implement	1.22 cu. in. (19.9 cm ³)	1.22 cu. in. (19.9 cm ³)
Max. Pressure - Implement	2,828 psi (195 bar)	2,828 psi (195 bar)
Max. Pressure - Steering	1,958 psi (135 bar)	1,958 psi (135 bar)
Flow Rate @ Rated Eng. rpm:		
Steering Pump	6.8 gal./min. (25.7 L/m)	6.8 gal./min. (25.7 L/m)
Implement Pump (Flow @ Couplers)	11.4 gal./min. (43.1 L/m)	11.4 gal./min. (43.1 L/m)
Maximum Total Flow	18.2 gal./min. (68.8 L/m)	18.2 gal./min. (68.8 L/m)
Three-Point Hitch:		
Universal Three-Point Hitch Category	2, 1 convertible	2, 1 convertible
Draft Control	Top link sensing	Top link sensing
Hitch Lift Capacity:		
At 24-in. (610 mm) Behind Hitch Balls	2,810 lb. (1274 kg)	2,810 lb. (1274 kg)
Fuel System:		
Distributor-Type Injection Pump	Standard	Standard
Fuel Filter	Single-element filter	Single-element filter
Electrical System:		
Alternator	40 amp	40 amp
Cold Cranking Amps	622	622
Neutral Start Switch	Standard	Standard
Key Engine Shutoff	Standard	Standard
Bypass Start Protection	Standard	Standard
PTO Warning Buzzer	Standard	Standard
Drawbar Vertical Load Ratings:		
Short Position	2,470 lb. (1120 kg)	2,470 lb. (1120 kg)
Fully Extended Position	1,675 lb. (760 kg)	1,675 lb. (760 kg)

* Manufacturer's estimate of power (ISO) per 97/68/EC. Engine horsepower is provided by engine manufacturer for comparison purposes only. Actual operating horsepower will be less.