

# 5D SERIES TRACTORS

COMPACT IN SIZE, BIG ON UTILITY



**JOHN DEERE**

NOTHING RUNS LIKE A DEERE

# ALL-ROUND TALENT

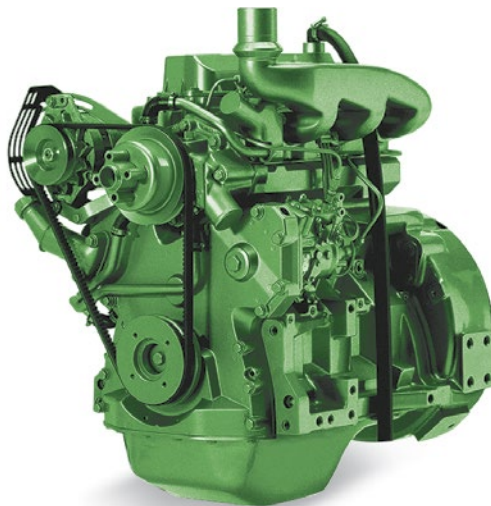
John Deere has been helping farmers reach their goals for decades. We understand the needs of those working hard every day to produce food, forage and clothing. To help you on a daily basis, we have now developed the 5D Series Tractors. They are made specifically for your conditions to be as versatile, powerful and efficient as possible.

And they have all the field-proven quality, strength and reliability that you expect from a high quality John Deere product.



## EASY HANDLING

Ergonomic controls reduce stress during long operating hours.



## ROBUST PERFORMANCE

John Deere designed and manufactured PowerTech M 2.9 l diesel engine stand for excellent torque, fuel efficiency, and durability. Direct injection provides a longer engine overhaul period. The result is less power loss at PTO and a large operating speed range.



## ACCOMPLISH MORE WITH LESS

Inboard planetary final drives distribute rear axle loads over three points for reduced stress on gears and shafts: for a longer tractor life, less service and more uptime. A wide range of wheel tread adjustments allow you to accomplish more with just one tractor by customising tyre treads to perform a variety of tasks.



## A CLEAR VIEW ALL ROUND

For enhanced visibility the exhaust muffler has been placed inside the hood to give you a clear and unobstructed view from the driver's seat.

## 1 | EASY MAINTENANCE

Easy maintenance due to new hood styling, now in a single piece, gives you better access to all important components.

## 2 | ENHANCED VISIBILITY

The operator enjoys perfect visibility on all sides and a clear view of implements.

## 3 | 1400 KG HITCH LIFT CAPACITY

The 5D offers more hitch capacity than its compact size suggests. Ideal for moving implements and loads in small spaces.



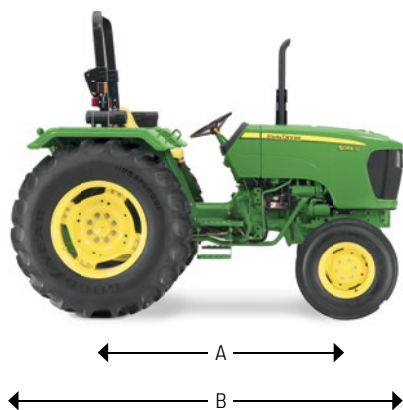
## 4 | ERGONOMIC CONTROLS

Ergonomically improved seating, steering wheel and controls ensure operator comfort throughout the working day.

## SPECIFICATIONS

	5045D	5050D
<b>ENGINE</b>		
Manufacturer John Deere	PowerTech M	PowerTech M
No of. Cylinders / aspiratio	3 / Non Turbo	3 / Turbo
Displacement (cm <sup>3</sup> )	2900	2900
Valves per cylinder	2	2
Fuel tank capacity (l)	60	60
Biofuel capabilities	Yes JD-Additive	Yes JD-Additive
Cooling method	Water	Water
Emissions level	Stage III A	Stage III A
<b>PERFORMANCE</b>		
Rated Power (97/68 EC), kW (hp)	33 (45)	37 (50)
Rated Speed (rpm)	2100	2100
Max. torque (Nm)	175	196
Max. torque @ engine speed (rpm)	1200	1200
Torque reverse in %	17	18
<b>TRANSMISSION</b>		
Std. transmission	8F / 4R Collarshift	8F / 4R Collarshift
Clutch	Dry Dual Clutch	Dry Dual Clutch
Max. transport speed (km/h)	30.88 with 13.6-28 Rear Tire	32.44 with 14.9-28 rear tire
Brakes type	Hydraulic Wet Disc	Hydraulic Wet Disc
Differential lock	Mechanical	Mechanical
<b>PTO</b>		
Clutch	Yes	Yes
Standard	540 & 540E	540 & 540E
<b>HYDRAULICS</b>		
System type	Open Center	Open Center
SCV control	Lever	Lever
Pump rated output		
– steering (l/min)	22.7	22.7
– standard (l/min)	38	38

	5045D	5050D		
Total (l/min)	60.7	60.7		
Hydraulic pressure	195 bar	195 bar		
Hitch lift capacity max.	1400 kg at balls	1400 kg at balls		
Sensing type	Top link	Top link		
SCV rear	Single	Single		
<b>OPERATOR STATION</b>				
Model availability (i = isolated)	OOS	OOS		
Roll over protective structure OOS	Yes	Yes		
Platform – Flat/Straddle	Straddle	Straddle		
Gearshift location	RH / LH – Side Shift	RH / LH – Side Shift		
Seat suspension system	Mechanical suspension	Mechanical suspension		
Rear wheel weights	2	2		
one-piece hood	Yes	Yes		
<b>DIMENSIONS AND WEIGHTS</b>				
1 Standard wheelbase	1970	1970		
2 Overall length (including draft links)	3400	3400		
Height from ground (mm)				
3 To top of hood	1366	1366		
4 To top of ROPS	2200	2200		
Turn radius (m) – without brakes	3.2	3.2		
Average shipping weight (kg) 2WD	1875	1875		
<b>2WD/4WD</b>	<b>2WD</b>	<b>4WD</b>	<b>2WD</b>	<b>4WD</b>
Ground clearance (mm)	460	365	460	365
Tyres – front	6.0x16 / 8.0x18	8.0x18	6.0x16 / 8.0x18	8.0x18
Tyres – rear	13.6x28 / 14.9x28	13.6x28	13.6x28 / 14.9x28	13.6x28



### A | WHEELBASE

5045D, 5050D 1970 mm

### B | OVERALL LENGTH

5045D, 5050D 3400 mm

### C | TOTAL HEIGHT

5045D, 5050D 2200 mm

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