

# 5003 Series



***John Deere 5303/5403 (55-65 HP) 2WD/4WD Tractors***

**RELIABILITY IS OUR STRENGTH**



**JOHN DEERE**

John Deere, the undisputed producer of the most powerful best-in-class tractors, hands this power over to the six 70 HP 3-cylinder tractor class.

The brand-new 5003 Series tractors boast a harmonious design and unmatched performance.

The 5003 is robust and well-built to suit all working conditions, reliable, unsurpassed in comfort and, thanks to its technical characteristics, guaranteed to increase your capacity and enhance your productivity.

An original John Deere built PowerTech engine efficiently delivers the pulling power you need in the most difficult working conditions and the easy-shifting transmission gives you 9 forward and 3 reverse gears with optimum efficiency and productivity and a minimum of effort. This powerful engine and transmission mechanism combination provides for maximum performance in any terrain condition.

The 5003 Series tractor with its new dual cycle PTO is perfect for every job. For the heaviest load, the highest PTO power in its class features 540 rpm, and for lighter jobs with its superb fuel economy, you have the 540E economy PTO option.



*With its three-point hydraulic suspension system, it has the lifting capacity for any lifting requirement, even the heaviest. And when working with compatible equipment, high performance, comfort and safety are guaranteed with its independent PTO.*

**Original John Deere engine:**

*The original John Deere engine will provide the driver with sufficient pulling power with the utmost ease and efficiency, even in the most difficult working conditions.*

*The reliable, high performance John Deere engine guarantees torque and pulling power whenever you need it.*

# New design, superior power, hitherto



*It is easier to get on and off the tractor.*

# unattainable performance



To service the tractor, access to the battery, air filter, engine and other parts at the front end is extremely easy.



The driver has an easy and comfortable drive with the wide, flat driving platform. And the adjustable suspension driver's seat ensures comfort for long periods of time. There are no controls in the foot area in the driver's platform to obstruct legs or cause discomfort to the driver.

The Sync Shuttle™ (Full Synchronomatic) transmission mechanism with its 9 forward and 3 reverse gears provides the speed control required for fieldwork with 6 gear steps and 3 gear steps for the road.



The new 540/540E dual cycle PTO option provides for superb fuel economy. Also, the lower rpm results in a quieter and more comfortable working environment, making you feel less tired.

## 5003 Tractors

### 5403 2WD



### 5403 2WD



### 5303 2WD



### 5303 4WD





TECHNICAL SPECIFICATIONS*	5303 (2WD-4WD)	5403 (2WD-4WD)
<b>POWER: Rated (ECER24 – with fan)</b>	<b>55HP (40.4 kW)</b>	<b>65HP (47.8 kW)</b>
Maximum power (ISO – without fan)	60HP (44.1 kW)	70HP (51.5 kW)
<b>ENGINE:</b>		
Manufacturer	John Deere	John Deere
Type	PowerTech diesel engine	PowerTech diesel engine
Operating range	1600-2400 rpm	1600-2400 rpm
Number of Cylinders/Cylinder volume	3/2930 cc	3/2930 cc
Aspiration	Natural	Turbo
Piston stroke	106 mm/110 mm	106 mm/110 mm
Lubrication	Filtered pressurized oil	Filtered pressurized oil
Cooling system	Pressurized with centrifugal pump	Pressurized with centrifugal pump
<b>CAPACITIES:</b>		
Fuel tank	72 L	72 L
Cooling system	9.5 L	9.5 L
Crankcase	8.5 L	8.5 L
<b>TRANSMISSION:</b>		
Number of gears	9 forward, 3 reverse fully synchronized	9 forward, 3 reverse fully synchronized
Speed	30 km/h	30 km/h
Final drive	Sun geared	Sun geared
Front axle	2WD-4WD	2WD-4WD
<b>PTO:</b>		
Independent PTO	Dual cycle, 540/540E	Dual cycle, 540/540E
PTO rpm (540/540E)	2400/1700	2400/1700
PTO clutch diameter	280 mm	280 mm
Control	Hand operated	Hand operated
<b>BRAKES:</b>		
Type	Hydraulically actuated wet disk	Hydraulically actuated wet disk
Operation	Foot operated, individually or simultaneously	Foot operated, individually or simultaneously
Adjustment	Self-adjusting	Self-adjusting
<b>HYDRAULIC SYSTEM:</b>		
Type	Open center	Open center
Type	Tandem-gear	Tandem-gear
Max. pressure	195 bar	195 bar
Flow rate	43 L/min	43 L/min
Hydraulic power outlet	1 unit dual efficiency (two exhausts)	1 unit dual efficiency (two exhausts)
<b>3-POINT HITCH:</b>		
Universal 3-point category	Category II,(I)	Category II,(I)
Draft control	Top-link sensing	Top-link sensing
Interchangeable hitch balls	Standard	Standard
Lift capacity (from joint point)	2000 kg	2000 kg
<b>STEERING:</b>		
	Hydraulic steering	Hydraulic steering
<b>ELECTRICAL:</b>		
Battery	12 V	12 V
Alternator	40 A	40 A

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\* The manufacturer reserves the right to change designs, technical specifications and accessories without prior notice.