5D Series...MFWD



45 & 50 HP 4WD Tractors

JOHN DEERE



5D Series

New John Deere 5D Series

4-wheel drive 45-50 Horse Power

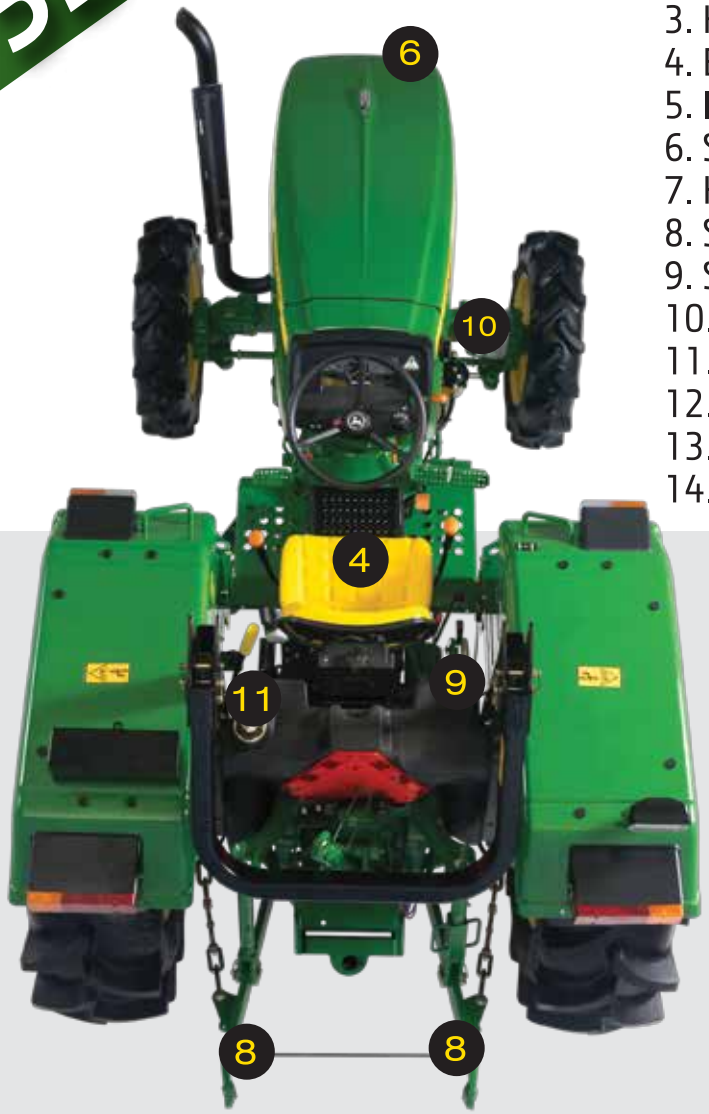
John Deere continues to serve the agricultural community with products that bring distinct value for investment and enhance productivity better than rival products. Famous for products and solutions that are designed and engineered to be Easy, Smart and Responsive, we have 179 years of history and worldwide leadership serving people linked to the land.

Introducing the NEW John Deere 5D Series multi-purpose 45-50 HP 4 wheel-drive tractor. We are intimate with customer needs and their expectation. The John Deere 5D Series combines advanced technology with leading engineering and innovative design to set new standards in performance and productivity. The attractive new John Deere 5D Series are impressive, with sophisticated international look and advanced styling.

5D Series

A tractor that empowers you helps bring productivity and grows your prosperity

1. Powerful & fuel efficient engine
2. Reliable, sturdy and smooth transmission
3. High lift capacity with depth control
4. Excellent operator comfort and maneuverability
5. Inbuilt safety with ROPS (Roll Over Protection Structures) and seat belt
6. Smart styling
7. High lug depth tires
8. Strong and easily adjustable three points linkages
9. Selective Control Valve (SCV)
10. Special sealed mechanical front wheel drive (MFWD) axle
11. Standard and Economic PTO
12. Dual clutch
13. Mobile charger socket and holder
14. Secure under hood components



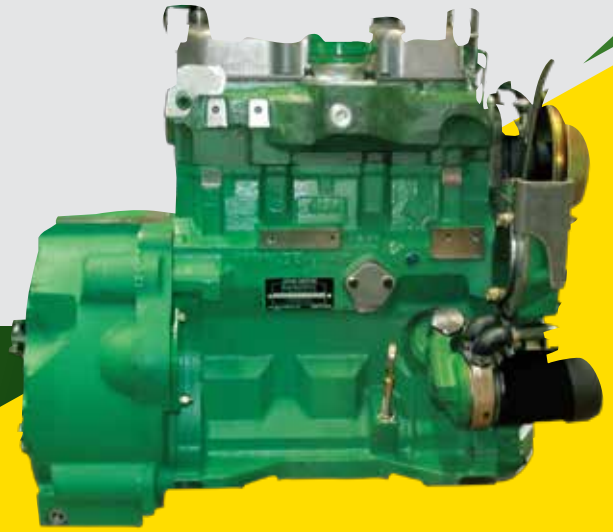




Powerful and fuel efficient engine

Globally proven and appreciated 45-50 hp, 3 cylinders, 4 stroke, and direct injection with inline fuel injection pump make John Deere fuel engine meets all your needs economically.

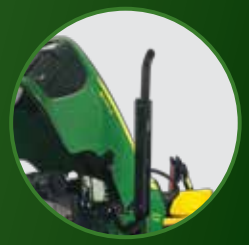
- 45-50 HP at 2100 engine RPM
- Wet liner for enhanced engine life
- Electronic service indicator
- Under hood muffler with upside exhaust tail pipe
- Oil spray jets for piston cooling
- High torque reserve
- Turbocharger (Only 5050D)







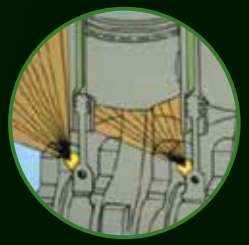
Electronic Service Indicator



Under hood muffler with upside exhaust tail pipe to prevent interference from smoke while driving



Water separator



Oil spray jets for piston cooling



Reliable, **sturdy and smooth** transmission tailored for your applications

The John Deere 5D Series tractor offer 8 forward and 4 reverse speeds for all your applications





The dual clutch ensures non-stop independent operation of PTO equipment and reduces transmission loss, resulting in high productivity & better performance



The helical gear with collar shifting makes operation smooth, comfortable and noiseless



The planetary gear reduction
is the latest technology for equal distribution of load on the gear set during operation, It ensures noise free operations



Oil immersed brakes
ensure absorption & dissipation of heat, This reduces wear & tear and increase the life of the brake liners



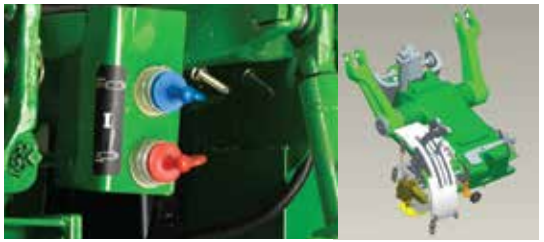
The differential lock
allows for easy going in wet and unstable conditions

Hydraulic power with John Deere rockshaft

Just hitch and go

Manage heavier loads with confidence. John Deere 5D Series rockshaft have a hitch capacity of 1.6 tons with a powerful three point linkage for heavy load lifting applications. Hydraulic flow of 60.5 LPM makes all jobs easier and more comfortable.

Selective Control Valve for auxiliary applications like front blade





Hydraulic tandem pump with hydraulic flow of 60.5 LPM



The adjustable three-point linkage gives adaptability to a wide range of implements



An additional lever for draft control to ensure smooth running of the tractor without slippage



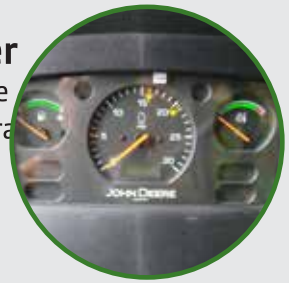
Hitch with strong structure to attach your trailer

Have an excellent drive with excellent operator comfort and maneuverability

John Deere 5D Series tractor provides for wide & open space around the operator. Side operating levers and the adjustable seat makes riding this tractor comfortable, enjoyable, and less fatigue hence higher productivity.



The hood is easier to open
May club the key hood lock and grab handle together at one place



The dashboard cluster
is set for easy reading and the operator does not need to stra forward, so he will have less fatigue and stress





Fatigue free
operation even on uneven conditions



Control levers are located
on the side of the operator, making the tractor easy to operate



The adjustable seat
is designed for comfort to reduce fatigue, and the operator can work a full day and still be fresh at day's end

Safety Comes First at John Deere

Ride with confidence

The adjustable seat and seat belt along with Roll Over Protection Structure (ROPS) create a safety zone for the operator when managing extra heavy loads and large implements.



Equipped with a seat belt for safe driving



Adjustable and durable Roll Over Protection Structure (ROPS)



PTO shield to ensure the person standing at rear of tractor is safe from the running PTO



Finger guard to ensure safety while engine is running





Fuel tank made from special HDPE material which ensures long life and rust free



The neutral safety switch prevents the tractor from starting if either the PTO or gear levers are engaged

Smart styling and technology always goes hand in hand



Everybody will return back and see smart John Deere 5D Series tractor with robust styling and sheet molding component single piece hood



High lug with depth tire : Front Tire 8.0x18, 6 PR Rear Tire 14.9x28, 8 PR



The mechanical front wheel drive (MFWD) with top quality seals is ideal for wetland application

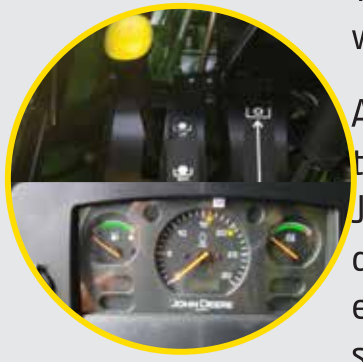


Closing of hood does not need key only hood opening required key



Mobile charger 12 volt socket and mobile holder

Standard and economy PTO



The standard PTO operate at 2050 ERPM which helps to drive higher loads at 540 RPM

Alternatively, for lesser load situations that still need 540 PTO RPM, the John Deere 5D Series with economy PTO delivers 540 RPM at 1,600 ERPM. The economy PTO with lower ERPM helps to save fuel & makes operation more economical.

Model	5045D MFWD	5050D MFWD
Engine		
Manufacturer	John Deere	John Deere
Aspiration	N/A	Turbocharged
No of Cylinders	3	3
Bore x Stroke	106.5 x 110	106.5 x 110
Displacement (liters)	2.9	2.9
Rated power (hp)	45	50
Maximum torque (N-m)	175	192
Rated engine rpm (rpm)	2100	2100
Fuel tank capacity (liters)	60	60
Cooling package	Liquid cooled	Liquid cooled
Air filter	Dry type,Dual elements	Dry type,Dual elements
Transmission		
Gears	Collar shift 8x4	Collar shift 8x4
Clutch	Dual dry clutch	Dual dry clutch
Power Take Off (PTO)		
PTO actuation	Independent	Independent
PTO speed (rpm)	540@2050 ERPM ,540E@1600 ERPM	540@2050 ERPM ,540E@1600 ERPM
PTO power (hp)	37.2 @ 2100 ERPM	41.9 @ 2100 ERPM
Hydraulic		
Type	Open center with ADDC(Automatic Depth & Draft Control)	Open center with ADDC(Automatic Depth & Draft Control)
Total flow (L/min)	60.5	60.5
Hydraulic pump flow (L/min)	37.8	37.8
Steering pump flow (L/min)	22.7	22.7
Hydraulic lift at hitch balls (kg)	1400 kg (Covertable to 1600 kg at optional hole)	1400 kg (Covertable to 1600 kg at optional hole)
Hitch category	CAT II	CAT II
Steering & Brake		
Type of steering	Power steering	Power steering
Type of brake	Oil immersed disc brake	Oil immersed disc brake
Electrical		
Battery	12 Volts 88 Amp.	12 Volts 88 Amp.
Mobile charger	12 Volts. With mobile holder	12 Volts. With mobile holder
Wheels & Tires		
Front	8.0 x 18	8.0 x 18
Rear	14.9 x 28	14.9 x 28
Dimension & Weight		
Total weight (kg)	2095	2115
Wheel base (mm)	1950	1950
Overall length (mm)	3410	3410
Overall width (mm)	1820	1820
Overall height (mm)	2433	2433
Ground clearance (mm)	368	368
Turning radius with brake (m)	3	3
Rear track width (mm)	adjustable 5 levels 1420/1520/1640/1740/1840	adjustable 5 levels 1420/1520/1640/1740/1840

***This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification and design of all products described in this literature without notice. "John Deere's green and yellow colour scheme, the leaping deer symbol and JOHN DEERE are trademarks of Deere & Company."

Implements for John Deere Tractor
For Land Preparation





Disc Plough DP3203	
Number of Disc	3* / 4 Disc
Disc Diameter	24 Inches
Size of Implement	889x2159x1245 mm. *
Type of Soil	Clay soil



Disc Plough DP5203	
Number of Disc	3 Disc
Disc Diameter	24 Inches
Size of Implement	1,270x2,400x1,230 mm.
Type of Soil	Sandy Loam soil and Sandy soil



Disc Plough DP5204*	
Number of Disc	4 Disc
Disc Diameter	24 Inches
Size of Implement	1,310x2,800x1,270 mm.
Type of Soil	Sandy Loam soil and Sandy soil

** Only for 5050D tractor*



Disc Harrow DP4205	
Number of Disc	5 Disc
Disc Diameter	24 Inches
Size of Implement	1,610x2,210x1,210 mm.
Type of Soil	Clay soil



Disc Harrow DH7205	
Number of Disc	5 Disc
Disc Diameter	24 Inches
Size of Implement	1,300x2,000x1,125 mm.
Type of Soil	Sandy Loam soil and Sandy soil



Disc Harrow DP4206	
Number of Disc	6 Disc
Disc Diameter	24 Inches
Size of Implement	1,610x2,210x1,210 mm.
Type of Soil	Clay soil



Disc Harrow DH7206	
Number of Disc	6 Disc
Disc Diameter	24 Inches
Size of Implement	1,400x2,100x1,125 mm.
Type of Soil	Sandy Loam soil and Sandy soil



Rotary Tiller RT4019	
Working Width	1,850 mm.
Number of Blade	54 Blades
Blade Type	L + C
Side Drive	Chain Drive
Rotor Speed	234 rpm & 251 rpm



Working Width	1,850 mm.
Number of Blade	54 Blades
Blade Type	C
Side Drive	Gear Drive
Rotor Speed	215 rpm



Working Width	1,800 mm.
Blade Width	490 mm.
Blade Type	Heat Treated, High Carbon
Hydraulic Cylinder Size	60 x 475 mm.
Maximum Reaching Height from the Ground	310 mm.





When it comes to keeping your machines moving, we are on it. You have no time for downtime. Let our dedicated team of dealers and their technicians, commit to lend you a hand in getting your equipment up and running



We know our products aren't just machines – they are big investments which you depend on to be prodctive and efficient in the fields. That's why we put so much research and development into our maintenance product, so that your machine can deliver year after year.

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