

Features and Values



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.



A tandem hydraulic pump and up to 2 SCVs deliver 85 l/min for your hydraulically operated implements.



Inboard planetary final drives distribute rear axle loads over three points for reduced stress on individual gears and shafts: for a longer tractor life, less service and more uptime. Inboard design also permits a wide range of wheel tread adjustments so operators can accomplish more with just one tractor by having the ability to custom set tire treads to meet the specific demands of a variety of tasks. High lift capacity of 2,000 kg (at balls).

The key to a long tractor life is maintenance.

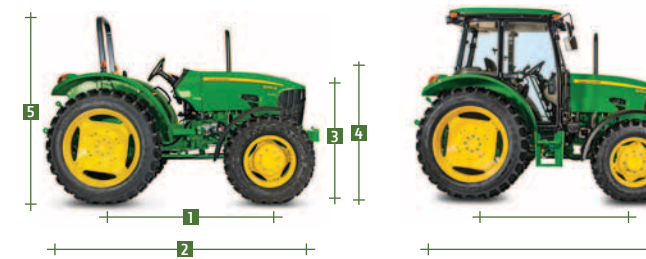
Since a tractor is a hard working machine, it is important you have quick access to qualified maintenance. This is exactly what the world class John Deere Dealer Network has to offer. Trained service technicians know your tractor inside out and keep it running.

The European Parts Distribution Center (E-PDC) – recently extended to now over 65,000 m² – has over 225,000 different part numbers on stock for dispatch to Europe, North Africa, the Near and Middle East. If you need a spare part, simply contact your John Deere dealer.



ENGINE		5082E, 5090E	
Manufacturer	John Deere PowerTech M		
No of. Cylinders / aspiration	4/TC		
T=Turbo, C= Intercooler			
Displacement (cm ³)	4525		
Valves per cylinder	2		
Fuel tank capacity (l)	95 (OOS) 126 (CAB)		
Biofuel capabilities	Yes JD-Additive		
Cooling method	Water		
Emissions level	Stage II		
PERFORMANCE			
Rated Power (97/68 EC), kW (hp)	60 (82) / 66 (90)		
Rated Speed (rpm)	2400		
Max. torque (Nm)	315 / 355		
Max. torque @ engine speed (rpm)	1400		
Torque reverse in %	25		
TRANSMISSION			
Std. transmission	9F / 3RTSS		
Opt. Transmission	12F / 12R PowrReverser		
Std. Clutch	Dry clutch		
Opt. Clutch	Wet clutch		
Max. transport speed (km/h)	35		
Brakes type	Hydraulic Wet Disc		
Differential lock	Mechanical		
PTO			
Clutch	Yes		
Standard	540 & 540E		
HYDRAULICS			
System type	Open Center		
SCV control	Lever		
Pump rated output – steering (l/min)	25		
Pump rated output – standard (l/min)	60		
Total (l/min)	85		
Hydraulic pressure (bar)	197		
Hitch lift capacity max.	2000 kg at balls		
Sensing type	Top link		
SCV rear	2		

OPERATOR STATION			
Model availability	OOS and Cab		
Roll over protective structure OOS	Yes		
Platform – Flat/Straddle	Flat		
Gearshift location	RH – Side Shift		
Seat suspension system	Mechanical suspension		
Rear wheel weights	optional		
one-piece hood	Yes		



DIMENSIONS (mm) & WEIGHTS				
5082E – 5090E	OOS 2WD	OOS 4WD	CAB 2WD	CAB 4WD
Standard tyres front	12.4-24	12.4-24	12.4-24	12.4-24
Standard tyres rear	18.4-30	18.4-30	18.4-30	18.4-30
Wheelbase	2180	2180	2180	2180
Overall length	3570	3570	3570	3570
Height from ground (mm)				
To top of hood	1722	1722	1722	1722
To top of steering wheel	1964	1964		
To top of ROPS	2540	2540	2540	2540
Turn radius (m) Without brakes	4.1	4.1	4.1	4.1
Average shipping weight (Kg)	2500	2687	3044	3234



"Partner in agriculture"
John Deere offers you a range of financing options as powerful as our products. Contact your John Deere dealer for a comprehensive range of finance options to suit the specific needs of your business.

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 products described in this literature without notice.

JohnDeere.com

5E 4 Cylinder Series Tractors

60 to 66 kW (82 to 90 hp) 97/68 EC



YY1314145EEX 8/13 1/07

Proven Quality The 5E 4 Cylinder Series Tractors.

The John Deere 5E 4 Cylinder Series Tractors are developed and engineered with you and your farming business in mind. Whatever your unique requirements are, you can rely on our more than 175 years expertise with agricultural machinery.

If you are looking for a reliable tractor with first-class performance, durability and versatility, the 5E 4 Cylinder Series Tractor is an excellent choice.

It is easy to operate and maintain and a comfortable air-conditioned and ergonomic cab makes your life easier during long working hours.

4 CYLINDER POWERTECH M 4.5 L DIESEL ENGINE
The John Deere designed and manufactured 4 Cylinder PowerTech M 4.5 l diesel engine is equipped with a fast-response turbocharger to increase engine power and torque and deliver high fuel efficiency and performance.



**2 WHEEL DRIVE AND
4 WHEEL DRIVE VERSIONS TO
MATCH YOUR NEEDS.**

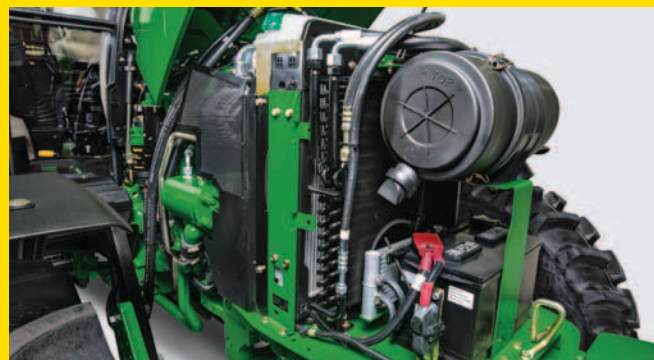


PISTON COOLING JETS:
The underside of each piston and piston pin is sprayed with cooled and filtered oil, which eliminates excessive heat. This unique feature ensures a long engine life and high reliability.

NEW ROUND FENDERS
These fenders help to protect the operator station from mud and debris.

COOLING AND AIR CLEANING SYSTEM
Dry air filters ensure quick day maintenance and keep all unwanted contamination outside

Features



New hood styling, now in a single piece, giving you better access to all important components for easy maintenance.



Transmission is offered with either 9 forward and 3 reverse speeds or 12 forward and 12 reverse speeds with PowrReverser for fast headland turns.



PowrReverser transmission has wet clutch to ensure maximum durability and long life. PowrReverser enables the operator to reverse without clutch, the result is less pedal clutch operation per day.



CAB VIEW
The operator of a 5E 4 cylinder Cab Series will appreciate the low noise and vibration through the seat, steering wheel, and lever controls. The new 5E Cab is equipped with Air Conditioning, and Radio preparation.



CAB CONTROLS
Colour coded control levers make recognition easier for operators and are positioned for convenient operation. The new right levers console is a benchmark for all day long comfort.



EH PTO
An easy to use EH PTO button engages and disengages the PTO independently of the transmission traction clutch. 5E 4 Cylinder Series Tractors come with a 540/540E PTO as standard.



GREENSTAR READY
GreenStar Ready enables the use of John Deere precision farm products to increase tractor productivity.

TRANSMISSION PR 12F/12R:
Wet clutch ensures high reliability.

SINGLE PIECE HOOD
Easy to access to all daily maintenance points.

COMFORTABLE CAB
Cab is equipped with an Air Conditioning system to ensure comfort during long working days.

**85 L/MIN
HYDRAULIC FLOW:**
Ideal for all applications requiring high hydraulic flow.