

5E 3 Cylinder Series Tractors

40.5 to 55 kW (55 to 75 hp) 97/68 EC



Versatile 5E 3 Cylinder Series Tractors

When making the decision for a new tractor that needs to give you reliable performance for years to come, there are many good reasons to choose John Deere. To find the right tractor for your individual conditions, take advantage of our more than 175 years of experience in agriculture.

The 5E 3 Cylinder is a perfect example of how we listen to our customers and understand their individual requirements. Easy to operate and maintain, the 5E 3 Cylinder tractor gives you all the quality and ruggedness you expect from a John Deere.



MECHANICAL INJECTION PUMP

A mechanical distributor type injection pump with precise and responsive fuel measurement is used on the 5E 3 Cylinder Series Tractors. This solution ensures high fuel efficiency during field and transport operations.

PISTON COOLING JETS

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

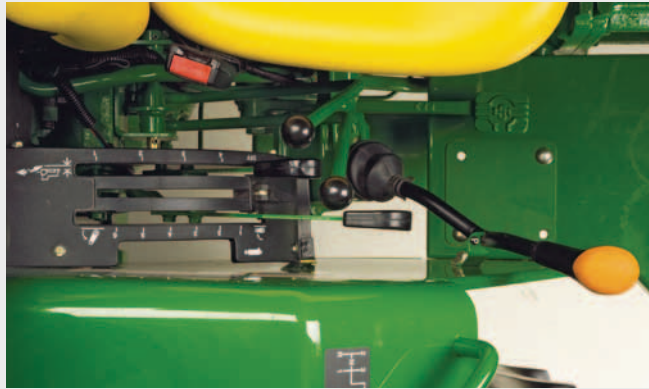
TURBOCHARGER

The 2.9 L 5E 3 Cylinder Tractor engine is equipped with a fast-response turbocharger to increase engine power and torque. It ensures great pulling performance in all applications.

AVAILABLE IN 2 AND 4 WHEEL DRIVE VERSIONS.

Features and Values

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



Transmission with 9 forward and 3 reverse speeds to perform fast headland turns thanks to inline shifting: The second gear is positioned directly on the opposite side of the reverse gear, so that the operator can use inline shifting like a reverser.



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



Protect yourself from the elements with the John Deere canopy.



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. Max. lift capacity of 1,800 kg (at balls).

The key to a long tractor life is maintenance.

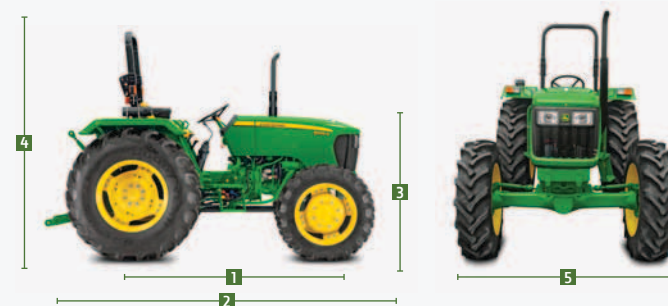
Since a tractor is a hard working machine, it is important you have quick access to qualified maintenance. This is exactly what the world class John Deere Dealer Network has to offer. Trained service technicians know your tractor inside out and keep it running.

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		5055E, 5065E, 5075E	
Manufacturer	John Deere PowerTech M		
No of. Cylinders /aspiration	3/TC		
T=Turbo, C= Intercooler			
Displacement (cm ³)	2900		
Valves per cylinder	2		
Fuel tank capacity (l)	68		
Biofuel capabilities	Yes JD-Additive		
Cooling method	Water		
Emissions level	Stage II		
PERFORMANCE			
Rated Power (97/68 EC), kW (hp)	40.5 (55) / 48 (65) / 55 (75)		
Rated Speed (rpm)	2400		
Max. torque (Nm)	209 / 237 / 258		
Max. torque @ engine speed (rpm)	1500 / 1600 / 1600		
Torque reverse in %	26%		
TRANSMISSION			
Std. transmission	9F / 3R TSS		
Clutch	Dry Dual Clutch		
Max. transport speed (km/h)	27.6 / 29 / 30		
Brakes type	Hydraulic Wet Disc		
Differential lock	Mechanical		
HYDRAULICS			
System type	Open Center		
SCV control	Lever		
Pump rated output – steering (l/min)	25		
Pump rated output – standard (l/min)	43		
Total (l/min)	68		
Hydraulic pressure (bar)	195		
Hitch lift capacity max.	1800 kg at balls		
Sensing type	Top link		
SCV rear	1/(2 Field Kit)		
OPERATOR STATION			
Model availability	OOS		
Roll over protective structure OOS	Yes		
Platform – Flat/Straddle	Straddle		
Gearshift location	RH / LH – Side Shift		
Seat suspension system	Mechanical suspension, air suspension kit optional		
Rear wheel weights	optional		
one-piece hood	Yes		

PTO	
Clutch	Yes
Standard	540 & 540E



DIMENSIONS & WEIGHTS – 5055E, 5065E, 5075E		
	2WD	4WD
Standard tires – Front	7.5-16	9.5-24
Standard tires – Rear	14.9-28	16.9-28
DIMENSIONS (MM)		
1 Wheelbase	2050	2050
2 Overall length		
3 Height from ground to top of hood	1366	1366
4 Height from ground to top of ROPS	2385	2460
5 Overall width (mm)	1800	1800
Turning radius without brakes (m)	3.5	3.9
Average shipping weight (Kg)	2100	2300

“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