

	5076E	5082E	5090E
ENGINE			
Rated power (97/68EC) hp (kW)	75hp (56kW)	81hp (60kW)	89hp (66kW)
Maximum Torque, Nm	292	315	347
Torque Reserve, percentage (%)	24%		
Aspiration	Turbo Charged		
Engine Manufacturer	John Deere Power Systems		
Engine Type (3 Cylinder), Displacement	4.5 L PowerTech, Turbo Charged Diesel Engine		
Fuel System	Distributor-type Injection Pump, Direct Injection		
Air Filter	Dry Type, Dual Element		
Cooling system	Liquid Cooled		
TRANSMISSION			
9F/3R Synchronised Transmission (with Dry Clutch)	X	X	X
12F/12R PowerReversed SyncShuttle Transmission (Wet Clutch)		Optional	Optional
CLUTCH			
Clutch	Dry Clutch (DC) / Wet Clutch (WC)		
REAR AXLE			
OOS/CAB	Inboard Planetary Final Drives		
FRONT AXLE			
2WD (Two Wheel Drive)	Optional	Optional	Optional
MFWD (4 Wheel Drive) Front Axle	X	N/A	N/A
MFWD (4 Wheel Drive) Front Axle Electrohydraulic	N/A	X	X
STEERING			
Type (OOS/CAB)	Hydrostatic Power Steering		
BRAKE			
Type	Hydraulic Actuated Wet Disk Brakes - Self Adjusting		
Secondary Brake	Hand Brake		
HYDRAULIC SYSTEM			
Type (OOS/CAB)	Open Center Hydraulic System		
Steering Pump Total flow (L/pm)	24,9		
Implement Pump (L/pm)	60,2		
Maximum No. of SCV's OOS/CAB	1 / 2 Double Acting Rear Selective Control Valves		
ELECTRICAL SYSTEM			
Alternator Size (A)	70	70 (OOS) / 90 (CAB)	70 (OOS) / 90 (CAB)
3- POINT HITCH REAR			
Category	3-Point (Category III) Hitch with Sway Chains		
Lift Capacity at the ball (kg)	1900		
REAR POWER TAKE-OFF (PTO)			
540 RPM Rear PTO Shaft	X	X (9F/3R Transmission)	X (9F/3R Transmission)
540/540E RPM Rear PTO Shaft	Optional	X (12F/12R Transmission)	X (12F/12R Transmission)
OPEN OPERATOR STATION			
Open Operator Station	X	X	X
Cab		X	X
High Clearance Option	OOS & Cab		
Instrument Panel	Digital Dashboard Display		
CAPACITIES			
Fuel Tank (L)	95	95 (OOS) / 126 (CAB)	126 (OOS) / 126 (CAB)
DIMENSIONS and WEIGHTS			
Wheelbase (mm)	2179		
Ground clearance (mm), Center MFWD without front ballast	563 (TWD) / 453 (MFWD)	556 (TWD) / 360 (MFWD)	556 (TWD) / 360 (MFWD)
Tractor weight (kg) shipping weight not ballasted	2840	2840 (OOS) / 3220 (CAB)	
WHEELS and TIRES			
Front wheels (2WD)	10.0-16 (8PR)		
Front Wheels (MFWD) (Radial tire technology)	320/85R24	320/85R25 (OSS) 320/85R26 (CAB)	320/85R27 (OOS) 320/85R24 (CAB)
Rear Wheels (Radial tire technology)	420/85R30	460/85R30 (OSS) 460/85R31 (CAB)	460/85R32 (OOS) 460/85R30 (CAB)

This literature has been compiled for broad circulation in sub-Saharan Africa. While general information, pictures and descriptions are provided, some illustrations and text may include finance 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. The green and yellow colour scheme, the leaping deer logo and the JOHN DEERE word mark are trademarks of Deere & Company.

The literature on the 5e 3 Cylinder is related only to all sub-Saharan Africa markets excluding South Africa

5E SERIES

4 CYLINDER TRACTORS



5E SERIES 4 CYLINDER TRACTORS

THE PERFECT FIT FOR YOUR GENERAL FARMING OPERATIONS

The 5E 4-cylinder models are ideal for the utility operations requiring reliable higher horsepower. These tractors offer more power to the ground with more time infield with less maintenance intervals.



GRAINS



BEEF & DAIRY



HAY & FORAGE



HIGH VALUE CROP



TRANSMISSION OPTIONS

3 different transmission options to choose from:

- **9F/3R CS (Collar Shift) transmission,**
- **9F/3R SyncShuttle™ TSS (Top Synchro Shaft transmission),**
- **12F/12R PowrReverser™ transmission.**

The **SyncShuttle™** transmission with pressurized lubrication of the top shaft benefits secure unsurpassed transmission reliability in any application.

The **12F/12R PowrReverser™** transmission offers a wider selection of speed gears, a hydraulic forward reverser and Electro Hydraulic clutch, easing direction change and complementing application at the ideal speed.



OPERATOR STATION

Increased productivity, reduced operator fatigue and greater maneuverability, are complemented by this tractor. The ergonomically designed Comfortable Operator Station includes features such as:

- **adjustable seat,**
- **hydrostatic steering wheel,**
- **multifunctional Instrumental Panel,**
- **controls and instrumentation that are well positioned for easier operations.**



2,9L POWERTECH™ ENGINE

This robust 2,9L John Deere PowerTech™ engine does not only boast in power, but it was engineered in being economical as well by providing you efficient fuel consumption in daily operations.

The high-performance engine delivers a 24% torque reserve allowing ease of operation through tough spots without the need to change any gears.



540/540E PTO

The **540Economic PTO (Power Take Off)** is the preferred choice to ensure lowest fuel consumption throughout the operation.

The 540/540E PTO comes standard with the 5E Series tractors and allows the efficient application of PTO driven operations to benefit improved daily productivity and optimize operational cost.



THREE POINT HITCH

The Three Point Hitch is designed to match your implements for optimal efficiency.

An industry leading hitch load and depth control functions, allow you to adjust the hitch function based on the specific application needs increasing productivity within any operation.



SELF ADJUSTING OIL EMERGED BRAKES

The 5E 4 Cylinder tractor series comes standard with Self adjusting oil emerged brakes. In comparison to disc brakes, this allows for a more responsive braking experience especially when carting a heavy load. A reliable feature that ensures a longer lifespan on your tractor's brakes.



ONBOARD PLANETARY FINAL DRIVE

The heavy-duty Final Drive on the 5E tractors ensures trouble free application in severe heavy duty primary tillage applications.

Designed with onboard planetary final reduction gears ensuring efficient power through the rear axle to the ground. This feature permits longevity for the driveline components.



GENUINE JOHN DEERE PARTS

John Deere delivers quality parts that are tailored to enhance the performance, comfort, and reliability of your tractor. Genuine tractor parts operate and function perfectly as they are created when the tractor is designed and developed. Your John Deere tractor will stay as reliable as the day it was bought - for years and years to come.