

| | 5055E | 5065E | 5075E | 5080E |
|---|--|-------------------|-------------------|--|
| ENGINE | | | | |
| Rated power (97/68EC) hp (kW) @ 2400 engine rpm | 57hp (42kW) | 65hp (48kW) | 75hp (55kW) | 79hp (58.84 kW) |
| Maximum Torque, Nm | 225 @ 1300 | 242 @ 1600 | 275 @ 1600 | 294 @1400 |
| Torque Reserve, percentage (%) | 20-25% | | | |
| PTO Power hp (kW) @ 2400 engine rpm | 48 (35.8) | 55 (41.0) | 63 (46.9) | 64.39 (47.7) |
| Aspiration | Turbo Charged | | | |
| Engine Manufacturer | John Deere Power Systems | | | |
| Engine Type (3 Cylinder), Displacement | 2.9 L PowerTech, Turbo Charged Diesel Engine | | | |
| Fuel System | Rotary or Inline Fuel Injection Pump, Direct Injection | | | |
| Air Filter | Dry Type, Dual Element | | | |
| Cooling system | Liquid Cooled | | | |
| TRANSMISSION | | | | |
| 9F/3R Collarshift (CS) Transmission (with Dry Clutch) | OOS TWD / MFWD | OOS TWD / MFWD | OOS TWD / MFWD | N/A |
| 9F/3R Top Shaft Synchronized (TSS) Transmission (with Dry Clutch) | OOS TWD / MFWD | OOS TWD / MFWD | OOS TWD / MFWD | OOS / CAB MFWD |
| 12 / 12 PowrReverser (PR) Transmission (with Wet Clutch) | IOOS MFWD | IOOS MFWD | IOOS MFWD / CAB | OOS / CAB MFWD |
| CLUTCH | | | | |
| Clutch | Dry Clutch (DC) /Wet Clutch (WC) | | | |
| REAR AXLE | | | | |
| OOS/IOOS/Cab | Inboard Planetary Final Drives | | | |
| FRONT AXLE | | | | |
| Variable track, heavy duty, 2WD Axle with Power Steering | OOS | OOS | OOS | N/A |
| Fixed, heavy duty MFWD Axle with Power Steering | OOS / IOOS / CAB | OOS / IOOS / CAB | OOS / IOOS / CAB | OOS / CAB |
| Differential Lock | OOS / IOOS / CAB | OOS / IOOS / CAB | OOS / IOOS / CAB | OOS / CAB |
| Turning Radius, meters (measured without front fenders) | 4.3 w/o Brakes, 3.5 w/Brakes | | | |
| STEERING | | | | |
| Type OOS/IOOS/CAB | Hydrostatic Power Steering | | | |
| BRAKE | | | | |
| Type OOS/IOOS/CAB | Hydraulic Actuated Wet Disk Brakes - Self Adjusting | | | |
| Secondary Brake | Hand Brake | | | |
| HYDRAULIC SYSTEM | | | | |
| System Type OOS/IOOS/CAB | Open Center Hydraulic System | | | |
| Steering Pump Total Flow (L/pm) | 25,7 | | | |
| Implement Pump (L/pm) | 43,1 | | | |
| Maximum No. of SCV's OOS/IOOS/CAB | 1 x Double Acting - Rear Selective Control Valve | | | 3 Rear SCV (2 STD & 1 Deluxe) |
| ELECTRICAL SYSTEM | | | | |
| Alternator Size (A) | 50 OOS / 110 CAB | 50 OOS / 110 CAB | 50 OOS / 110 CAB | 90 |
| Battery Size (Ah) | 12V 88Ah | 12V 100Ah | 12V 100Ah | 12V 100Ah |
| 3- POINT HITCH REAR | | | | |
| Category | 3-Point (Category II) Hitch with Sway Chains | | | 3-Point Cat II with Telescopic Stabiliser Bars |
| Lift Capacity at the ball (kgf) | 1800 | | | 2350 |
| REAR POWER TAKE-OFF (PTO) | | | | |
| | OOS / IOOS / CAB | OOS / IOOS / CAB | OOS / IOOS / CAB | OOS / CAB |
| 540 RPM Rear PTO | @ 2376 engine RPM | @ 2376 engine RPM | @ 2376 engine RPM | @ 2083 engine RPM |
| 540E RPM Rear PTO | @ 1705 engine RPM | @ 1705 engine RPM | @ 1705 engine RPM | @ 1588 engine RPM |
| OPERATOR STATION | | | | |
| OOS/IOOS (Open Operator Station & Isolated Open Operator Station) | X | X | X | OOS |
| CAB | | | X | X |
| Instrument Panel | Integrated Dashboard Display | | | |
| CAPACITIES | | | | |
| Fuel Tank (L) | 68 OOS / 82 CAB | | | 115 OOS / 125 CAB |
| DIMENSIONS and WEIGHTS | | | | |
| Wheelbase (mm) | 2050 | | | |
| Ground clearance (mm), Center MFWD without front ballast | 450 for 2WD / 350 for MFWD | | | |
| Tractor weight (kg) shipping weight no ballasting | 2175 OOS 2WD / 2425 OOS MFWD / 3000 CAB MFWD | | | 3232 OOS MFWD / 3800 CAB MFWD |
| Maximum permissible Gross Weight (kg) | 3790 | | | 4600 |
| WHEELS and TIRES | | | | |
| Front Wheels 2WD | 7.5X16 BKT | 7.5X16 BKT | 7.5X16 BKT | N/A |
| Front Wheels MFWD | 9.5x24 BKT | 9.5x24 BKT | 11.2x24 BKT | 320 / 85R24 |
| Rear Wheels | 14.9x28 BKT | 16.9x28 BKT | 16.9x30 BKT | 460 / 85R30 |

This literature has been compiled for broad circulation in Africa Middle East. While general information, pictures and descriptions are provided, some illustrations and text may include finance

5E SERIES

3 CYLINDER SERIES TRACTORS



5E SERIES 3 CYLINDER SERIES TRACTORS

THE PERFECT FIT FOR YOUR GENERAL FARMING OPERATIONS

The ideal compact designed tractor for smaller livestock operations, production of grains, High-value crop applications and a general all-rounder on the farm to assist you with your daily operations.



GRAINS



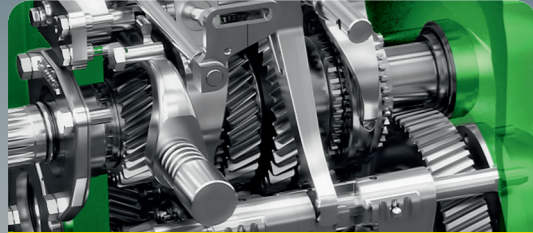
BEEF & DAIRY



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 pressurised 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:

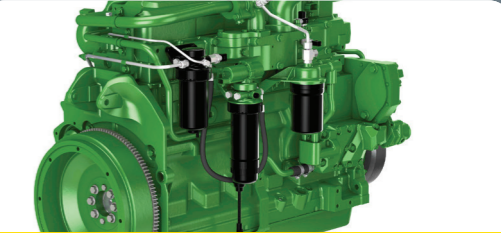
- adjustable seat
- hydrostatic steering wheel
- Multifunctional Instrumental Panel
- controls and instrumentation that are well positioned for easier operations.



540/540E PTO

The 540 Economic 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 optimise operational cost.



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.

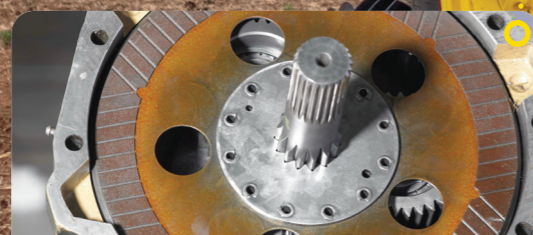
The high-performance engine delivers a **24% torque reserve** allowing ease of operation through tough spots without the need to change any gears.



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 3 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.



INBOARD 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.