

# 5E SERIES

4 CYLINDER TRACTORS



JOHN DEERE

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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 the ground with more time infield with less maintenance intervals.



GRAINS



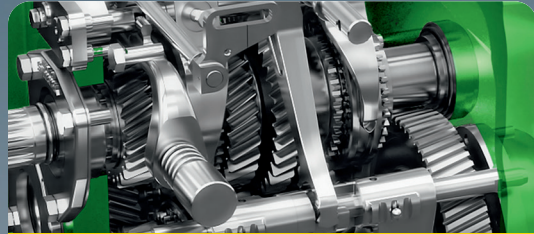
BEEF & DAIRY



HAY & FORAGE



HIGH VALUE CROP



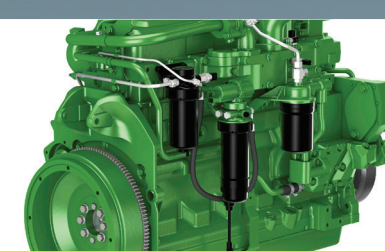
## TRANSMISSION

Securing unsurpassed **transmission** reliability in any application in rough adulating terrain with a 9F/3R TSS (Top Shaft Synchronized) transmission with pressurized lubrication of the top shaft. Alternatively, for more speeds, you have the choice of a 12F/12R PowerReverser™ transmission to answer all needs. The PowerReverser™ are equipped with the industry renown lifetime hydraulic clutch, ensuring reliability.



## OPERATOR STATION

An ergonomically well-designed **Comfortable Operator's station** with easy seat positioning, hydrostatic steering wheel, controls, and instrumentation that offers easy operation of the tractor with reduced operator fatigue. The structural frame design with 2180 mm wheelbase provides a well-balanced tractor with sufficient stability for heavy duty tillage as well as transport application.



## ROBUST ENGINE PERFORMANCE

The **Robust Engine Performance** significantly enhances saving with fuel consumption and improvement of field productivity. A high-performance 4 Cylinder 4.5L turbo John Deere PowerTech™ engine, delivering a 25% torque reserve allowing ease of operation through tough spots without the need to change gears.



## 540/540E PTO

The **540E 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 help you improving daily productivity and optimize operational cost.



## THREE POINT HITCH

**Three Point Hitch** matching your implements for optimal efficiency. The industry leading hitch load and depth control functions allow you to adjust the hitch function based on the specific application needs increasing efficiency with any operation.



## RELIABLE EFFICIENT BRAKING

More responsive braking experience especially under load **Reliable efficient Braking**, fully self-adjusting disc brakes offers efficient, Dual stage hydraulic wet-disc brakes to provide.



## ONBOARD PLANETARY FINAL DRIVE

The 5E Series tractors are designed with inboard planetary final reduction gears. This heavy duty final drive design ensures trouble free application in severe heavy duty primary tillage application.



## 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.

|                                                             | 5076E OOS                                                                      | 5082E OOS   | 5082E CAB | 5090E OOS   | 5090E CAB |
|-------------------------------------------------------------|--------------------------------------------------------------------------------|-------------|-----------|-------------|-----------|
| 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                                                                 |             |           |             |           |
| Cooling system                                              | Liquid Cooled                                                                  |             |           |             |           |
| TRANSMISSION                                                |                                                                                |             |           |             |           |
| 9F/3R Synchronised Transmission (with Dry Clutch)           | X                                                                              | X           | X         | X           | X         |
| 12F/12R PowerReversed SyncShuttle Transmission (Wet Clutch) |                                                                                | Optional    | Optional  | 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  | Optional    | Optional  |
| MFWD (4 Wheel Drive) Front Axle                             | X                                                                              | N/A         | N/A       | N/A         | N/A       |
| MFWD (4 Wheel Drive) Front Axle Electrohydraulic            | N/A                                                                            | X           | X         | 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          | 90        | 70          | 90        |
| 3- POINT HITCH REAR                                         |                                                                                |             |           |             |           |
| Category                                                    | 3-Point (Category II) Hitch with Sway Chains                                   |             |           |             |           |
| Lift Capacity at the ball (kg)                              | 1900                                                                           |             |           |             |           |
| REAR POWER TAKE-OFF (PTO)                                   |                                                                                |             |           |             |           |
| 540 RPM Rear PTO Shaft                                      | X                                                                              | Optional    | Optional  | Optional    | Optional  |
| 540/540E RPM Rear PTO Shaft                                 | Optional                                                                       | X           | X         | X           | X         |
| OPEN OPERATOR STATION                                       |                                                                                |             |           |             |           |
| Type                                                        | Two Post Roll Over Protective structure (ROPS) with Canopy (w/o Canopy Lights) |             |           |             |           |
| Instrument Panel                                            | Digital Dashboard Display                                                      |             |           |             |           |
| CAPACITIES                                                  |                                                                                |             |           |             |           |
| Fuel Tank (L)                                               | 95                                                                             | 95          | 126       | 126         | 126       |
| DIMENSIONS and WEIGHTS                                      |                                                                                |             |           |             |           |
| Wheelbase (mm)                                              | 2179                                                                           |             |           |             |           |
| Ground clearance (mm), Center MFWD without front ballast    | 453                                                                            |             |           |             |           |
| Tractor weight (kg) (shipping weight not ballasted)         | 2840                                                                           | 3000        |           | 3220        |           |
| WHEELS and TIRES                                            |                                                                                |             |           |             |           |
| Front wheels (2WD)                                          | 10.00-16 (8PR)                                                                 |             |           |             |           |
| Front Wheels (MFWD) (Radial tire technology)                | 320/85R24                                                                      | 320/85R25   | 320/85R26 | 320/85R27   | 320/85R24 |
| Rear Wheels (Radial tire technology)                        | 420/85R30                                                                      | 460/85R30   | 420/85R31 | 420/85R32   | 460/85R30 |

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.