

|                                                                   | 5055E                                                                                                                                                        | 5065E             | 5075E             | 5080E                                            |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|--------------------------------------------------|
| ENGINE                                                            |                                                                                                                                                              |                   |                   |                                                  |
| Rated power (97/68EC) hp (kW) @ 2400 engine rpm                   | 57hp (42kW)                                                                                                                                                  | 65hp (48kW)       | 75hp (55kW)       | 79hp (58.84kW)                                   |
| Maximum Torque, Nm                                                | 225 @ 1300                                                                                                                                                   | 242 @ 1600        | 275 @ 1600        | 294 @ 1400                                       |
| Torque Reserve, percentage (%)                                    | 20-25%                                                                                                                                                       |                   |                   | 21%                                              |
| 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    | -                                                |
| 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 /CAB - MFWD                                                                                                                                             | IOOS /CAB - MFWD  | IOOS /CAB - MFWD  | 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               | -                                                |
| 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                                                                                                             |                   |                   | 2 x Double Acting - Rear Selective Control Valve |
| ELECTRICAL SYSTEM                                                 |                                                                                                                                                              |                   |                   |                                                  |
| Alternator Size (A)                                               | 50 OOS / 110 CAB                                                                                                                                             | 50 OOS / 110 CAB  | 50 OOS / 110 CAB  | 90 OOS/CAB                                       |
| 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 (Category II) Hitch with Sway Bars       |
| Lift Capacity at the ball (kgf)                                   | 1800                                                                                                                                                         |                   |                   | 2025 (@610mm - SAE J283)                         |
| 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                 | X                                                |
| CAB                                                               |                                                                                                                                                              |                   | X                 | X                                                |
| Instrument Panel                                                  | Integrated Dashbord Display                                                                                                                                  |                   |                   |                                                  |
| CONNECTIVITY HARDWARE                                             |                                                                                                                                                              |                   |                   |                                                  |
| JDlink™ Modem                                                     | Includes an integrated cab wiring harness, JDLink M Modem- 4G capable and ethernet connection port. Ethernet hardware connection may vary per configuration. |                   |                   |                                                  |
| 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                                                                                                                 |                   |                   | 3000 OOS / 3640 CAB                              |
| Maximum permissible Gross Weight (kg)                             | 3790                                                                                                                                                         |                   |                   | 4600                                             |
| WHEELS AND TIRES                                                  |                                                                                                                                                              |                   |                   |                                                  |
| Front Wheels 2WD                                                  | 7.5X16 BKT                                                                                                                                                   | 7.5X16 BKT        | 7.5X16 BKT        | -                                                |
| 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                                        |

his 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

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# 5E SERIES

## 3 CYLINDER



JOHN DEERE

# 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.



## JDLink™ MODEM

Includes the JDLink™ Modem with 4G capability. JDLink™ connectivity can be activated through the John Deere Operations Center. JDLink™ helps you stay **connected to your work**, results, team, advisors, dealer, and equipment. For more details, refer to the Precision Ag Technology Sales Manual.

**\*\*Availability of connectivity services may vary by country.\***



## 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.