5E Series Tractors

5055E (55 hp/40 kW), 5065E (65 hp/48 kW), 5075E (75 hp/55 kW)
Meet the little giant

Do you have livestock? Do you need to harvest cherries or almonds? Are you running a small vineyard? The new 5E Series tractor from John Deere meets all the basic needs of small-scale and part-time farmers as well as speciality users and gardeners.

If you thought John Deere performance was only for big operators, you’ll be pleased to discover that we put all our engineering expertise into creating the 5E.

Experience the 5E Series tractors

Performance – 2.9 litre 3-cylinder PowerTech M Engine with turbocharger and charge air cooler

Versatility – 9 forward and 3 reverse speeds, choice of 40 kW (55 hp), 48 kW (65 hp) or 55 kW (75 hp) with 540 Standard & Economy PTO in base (all models)

High lift capacity – up to 1.8 tonnes

Perfect turning radius and joystick operation for comfortable loader work

Wide choice of attachments for many different applications

Attractive standard features — e.g. beacon light, rear work light, a double actuating rear SCV and full-coverage fenders

Choice between 2-wheel-drive and 4-wheel-drive versions

Customised models — see your dealer for versions to meet your exact needs

The bottom line? You get 100% John Deere dependability, high performance and low operating costs. It’s an investment you’ll be glad you made – for many years to come.
All-round versatility

5E Series tractors provide John Deere dependability and performance to a wide range of applications, such as:

- Arable farming tasks like ploughing, cultivating and seeding
- Small-scale livestock maintenance and transport (e.g. cows, horses, pigs)
- Daily duties in dairy production
- Specialised farming needs in vineyards and olive orchards
- Diverse chores in private gardens, parks and estates as well as hobby farmer work
- Front loader work

John Deere knows that specialised operations require reliable equipment to perform difficult tasks, such as nimbly moving about in small spaces. The 5E Series tractors not only offer you this easy manoeuvrability but also excellent load capacity and optimised weight distribution to give you the power and stability you need.

Whatever your unique needs are, the 5E Series tractor from John Deere keeps your part-time and full-time operations running smoothly day after day.
Field-proven engine technology

All 5E Series tractors are powered by the 3 cylinder, 2.9 L PowerTech M engine for best performance and fuel efficiency. The integrated turbocharger is an exhaust gas driven compressor used to boost engine power by increasing the air intake volume. So you get more power from each combustion — and efficiency that conforms to Stage III A emission standards.

The tiltable one-piece hood is another attraction, as well as the position of the fuel tank below the operator platform. The midplatform position of the tank provides easy access for fuelling and also improves the overall weight distribution of the tractor. A steel cover under the tank protects it from damage from below.

To keep you going from sunrise to sunset, the 68 litre tank provides you with enough fuel for long working days in the field.
A tractor for each job on the farm

For either MFWD or 2WD, the 5 Series tractors offers a solid transmission with 9 forward and 3 reverse speeds. All gears are synchronised for smooth shifting when the tractor is in motion. Shifting is further optimised by the dry dual clutch with cerametallic pads.

Most of all, inline shifting allows fast and efficient toggling between 2nd and reverse, the most commonly used gears in tasks requiring a high level of manoeuvrability, such as front loader work. The clever arrangement of the gears makes it simple to shift back and forth between powering forward and easing backwards.

Braking is smooth and easy too, performed by self-adjusting, self-equalising, hydraulically actuated oil immersed disc brakes.

**Inline shifting**
With 2nd and Reverse in one line across from each other, it’s easy to perform complicated tasks requiring a lot of manoeuvring back and forth.
Clear and open design, comfortable ride

The 5E is built without a cab for utmost agility and flexibility. The roll-over bar can even be folded down, provisionally, if you need to move through a small barn door, for instance. You’ll also be pleased to discover that the tractor creates minimal noise and the operator’s seat has built-in shock absorption, so you’ll feel so comfortable and you won’t mind being on board for many hours at a time.

The layout of the controls has been optimised with your needs in mind. Look around you. Everything you need is within easy reach and clever colour-coding helps you quickly find the control you are looking for:

– Orange = forward/reverse gears and brakes
– Yellow = PTO (Power Take Off)
– Black = hydraulics

Two ways to mount
Get into the operator’s seat from either the left or the right side of the tractor

Colour-coordinated
Find the controls you need based on the practical colour-coding system

Sun-protected
An optional roof provides you with protection from sun and precipitation

Easy going
The isolated operation station ensures a high level of shock absorption to keep your ride as free of vibrations as possible
Robust and precise hydraulics

All 5E Series tractors are equipped with a tandem hydraulic pump, delivering 71 l/min for your hydraulically operated implements and internal uses. You have the choice of up to two rear joystick-operated SCVs or 1 rear and 2 mid-mount, joystick-operated SCVs.

The adjustable rate-of-drop enables precise control of your implement: from the lock position for transporting to varying levels of drop resistance adaptable to your load.

Front loader

The 5E Series has been conceived to withstand heavy front axle usage, ideal for the addition of an optional front loader. Other advantages for front loader work are the small turning radius of this compact tractor, two extra hydraulic pumps at the front, inline shifting for fast backwards/forwards manoeuvring and an almost unobstructed view in all directions.

Order the all-inclusive front loader package with your 5E tractor or retrofit it later. In either case, you can look forward to your choice of NSL or MSL control with the multi-functional joystick.

Recommended attachments include forks, shovels, spears, grapples and hoodguard.
Specifications

**ENGINE**
- Manufacturer: John Deere
- No of. Cylinders / aspiration: 3/7C
- Displacement (cm³): 2900
- Valves per cylinder: 2
- Fuel tank capacity (l): 68
- Biocat fuel capabilities: Yes, JD-Additive
- Cooling method: Water
- Emissions level: Stage 3A
- Service intervals (hours): 250

**PERFORMANCE**
- Rated Power (97/68 EC), kW (hp): 40.5 (55) / 44 (65) / 55 (75)
- Rated Power (ECE-R24), kW (hp): 38.1 (52) / 44.1 (63) / 53.8 (73)
- Rated Speed (rpm): 2400
- Max. torque (Nm): 213 / 247 / 276 @ 1800
- Torque reverse in %: 26 / 23.5 / 20

**TRANSMISSION**
- Std. transmission: 9F / 3R TSS
- Clutch: Dry Dual Clutch
- Max. transport speed (km/h): 26.3 / 27.6 / 29
- Brakes type: Hydrostatic Wet Disc
- Differential lock: Mechanical
- PTO
  - Clutch: Yes
  - Standard: S40 & S40E

**HYDRAULICS**
- System type: Open Centre
- SCV control: Lever / Joystick
- Pump rated output
  - steering (l/min): 25
  - standard (l/min): 46
- Total (l/min): 71
- Hydraulic pressure (bar): 195
- Hitch lift capacity max. 610 behind.: 1440
- Hitch lift capacity max., kgs: 1800 at balls
- Sensing type: mechanical
- SCV
- SCV mid: 2

**OPERATOR STATION**
- Oos model availability (i = isolated): 1005
- Roll over protective structure OOS: Yes
- Platform – Flat/Straddle: Straddle
- Gearshift location: RH / LH – Side Shift
- dB(A) rating OOS: 86
- Seat suspension system: Spring loaded
- Worklight
  - rear: Standard
  - Beacon light: Standard
- Rear wheel weights: Optional
- One-piece hood: Yes

**DIMENSIONS & WEIGHTS**
- 2WD availability: Yes
- 4WD availability: Yes
- 2WD
  - Wheelbase (mm): 2050
  - Front tread setting (mm): 1447 – 2082
  - Rear tread setting (mm): 1447 – 1821
  - Turning radius without brakes (m): 3.5
  - Min. overall width (mm): 1790 – 1810
- 4WD
  - Wheelbase (mm): 2050
  - Front tread setting (mm): 1447 – 2082
  - Rear tread setting (mm): 1447 – 1821
  - Turning radius without brakes (m): 3.5
  - Min. overall width (mm): 1790 – 1810

**MODEL**
- 5055E, 5065E, 5075E

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**GROUND CLEARANCE (mm)**
- Total height (mm): 310 / 326 / 400
- Total height with folded roll-over frame (mm): 1800

**Tyres**
- Front
  - 6.0x16/7.5x16 Goodyear: 14.9x28, 8PR
  - 16.9x28, 8PR

**Shipping weight (kg)**
- 2745

**Max. permissible weight (kg)**
- 4200

**Tyres**
- Front
  - 6.0x16 Goodyear (S05SE 2WD)
  - 280/85 R20 (11.2 R20) BKT (S05SE 4WD)
  - 320/85 R20 (12.4 R20) BKT (S05SE 4WD)
  - 320/85 R24 (12.4 R24) BKT (S07SE 4WD)
  - 380/85 R28 (14.9 R28) BKT (S07SE 4WD)
  - 420/85 R30 (16.9 R28) BKT (S07SE 4WD)

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