

5E Series

5055E (55 hp/40 kW), 5065E (65 hp/48 kW), 5075E (75 hp/55 kW)



Introducing the little **GIANT.**

John Deere dependability,
performance and versatility for

- Small-scale livestock and part-time farmers
- Specialised farmers
- Gardeners and municipalities



The reliable performer.

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

Experience the 5E Series

- 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)
- Heavy loading – 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, rear wheel weights and full-coverage fenders
- Customised models – see your dealer for versions to meet your exact needs

The 5E Series tractor from John Deere keeps your part-time and full-time operations running smoothly day after day.

High performance, low operating costs.

The part-time or weekend farmer needs to perform the same tasks as a full time one but in less time. So breakdowns or poor performance can quickly bring everything to a halt. Whether it's for seeding or pulling a plough, a 5E Series tractor from John Deere dependably delivers, and, thanks to low operating costs, pays off any day of the week.

Speciality needs, reliable flexibility.

Specialised farming operations and other speciality tasks require reliable equipment that can nimbly move about in small spaces (such as between rows of trees), while creating minimal noise. The quiet-running 5E Series tractor from John Deere offers excellent load capacity and easy manoeuvrability.



Forward-thinking! All 5E models are compatible with John Deere front loaders.

Powerful and efficient engine.

All 5E Series tractors are powered by the new 3 cylinder, 2.9 L PowerTech M engine, featuring a charge air cooler and fuel cooler. 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 3A emission standards.

Transmissions to meet diverse demands.

The 5 Series offers a solid transmission with 9 forward and 3 reverse speeds for MFWD and 2WD. All gears are synchronised for smooth shifting while the tractor is in motion. Shifting is further optimised by the dry dual clutch with cerametallic pads. Braking is performed by self-adjusting, self-equalising, hydraulically actuated oil immersed disc brakes.

Robust and precise hydraulics

All 5E models 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 midmount 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.



The new 2.9 L PowerTech turbo engine conforms to stage 3A emission norms.

2 tandem hydraulic pumps deliver 71 l/min for your hydraulically operated implements.



All 5E Series transmissions are easy to operate thanks to side shift levers and inline-shifting.

Specifications

MODEL	5055E, 5065E, 5075E
ENGINE	
Manufacturer	John Deere
No of. Cylinders /aspiration	
T = Turbo, C = Intercooler	3/TC
Displacement (cm ³)	2900
Valves per cylinder	2
Fuel tank capacity (l)	68
Biofuel 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) / 48 (65) / 55 (75)
Rated Power (ECE-R24)	38.1 (52) / 46.1 (63) / 53.8 (73)
Rated Speed (rpm)	2400
Max. torque (Nm)	213/247/276
Max. torque @ engine speed (rpm)	213/247/276 Nm @ 1800 rpm
Torque reverse in %	26 / 23.5 / 20
TRANSMISSION	
Std. transmission	9F / 3R TSS
Clutch;	Dry
Max. transport speed (km/h)	26.3/27.6/29
Brakes type	Hydrostatic Wet Disc
Differential lock	Mechanical
PTO	
Clutch	Yes
Standard	540 & 540E
HYDRAULICS	
System type	Open Centre
SCV control	Lever / Joystick

MODEL	5055E, 5065E, 5075E
OPERATOR STATION	
Pump rated output	
steering (l/min)	25
standard (l/min)	46
Total (l/min)	71
Hydraulic pressure (bar)	135
Hitch lift capacity max. 610 behind.	1440
Hitch lift capacity max.	1800 kgs at balls
Sensing type	mechanical
SCV	
SCV rear	1/2
SCV mid	2
OPERATOR STATION	
Oos model availability (i = isolated)	Yes
Roll over protective structure oos	Yes
Platform – Flat/Straddl	Straddle
Gearshift location	RHS – Side Shift
db(A) rating OOS	86 dB
Seat suspension system	Spring loaded
Worklight	
rear	standard
Beacon light	standard
Rear wheel weights	1 set of 100 kg standard
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)	1417–1821

MODEL	5055E, 5065E, 5075E
4WD	
Turning radius without brakes (m)	3.5
Min. overall width (mm)	1790–1810
Ground clearance (mm)	310 / 326 / 400
Total height (mm)	2425–2460
Total height with folded roll-over frame (mm)	1800
Shipping weight (kg)	2645
Max. permissible weight (kg)	4100
Tyres	
front	6.0x16/7.5x16 Good Year
rear	14.9x28, 8PR, 16.9x28, 8PR 16.9x30, 8PR
4WD	
Wheelbase (mm)	2050
Front tread setting (mm)	1367–1932
Rear tread setting (mm)	1417–1821
Turning radius without brakes (m)	3.94
Min. overall width (mm)	1790–1810
Ground clearance (mm)	310 / 326 / 400
Total height (mm)	2425–2460
Total height with folded roll-over frame (mm)	1800
Shipping weight (kg)	2745
Max. permissible weight (kg)	4200
Tires	
front	320/70 R20 (11.2 R20) BKT 360/70 R20 (12.4 R20) BKT 380/70 R28 (13.6 R28) BKT
rear	380/70 R28 (13.6 R28) BKT 420/70 R28 (14.9 R28) BKT 420/85 R30 (16.9 R30) BKT

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