

John Deere 2750 E-Cut™ Hybrid Triplex Mower

ENGINE

Type	Diesel Yanmar® 3TNV74F, indirect injection, electronically controlled
Engine horse power	At 3600 rpm: (14.6 kW) 19.6 hp, 993cc (60.6 cu.in) Engine manufacturer gross power
Air cleaner	Semi cyclone, dry type, dual stage, 1/4 turn
Cooling / Oil filter	Liquid cooled / Full - flow filter
Engine oil capacity	With filter: 2.2 L (2.3 U.S. qt)
Number of cylinders	Three (3)
Starter	Electric (solenoid shift)

VEHICLE SPECIFICATIONS

Wheels and tires	Front 20x10-10 and Rear 20x10-10 (smooth, smooth turf tread)
Brakes	Type Hand lever operated, two-wheel disc brakes
Mowing speed	0 to 9.7 km/h (0 to 6 mph) Adjustable via passcode-protected Tech Control display Clean up Pass mode also selectable
Transport speed	0 to 17.7 km/h Adjustable via passcode-protected Tech Control display
Reverse speed	0 to 6.4 km/h (0 to 4 mph)
Ground clearance	11.4 cm (4.5 in.)
Fuel tank capacity	20 L (5.3 U.S. gal.)
Hydrostatic capacity (total)	20 L (5.3 U.S. gal.)
Ground drive, reel drive	Drive wheels Front two-wheel drive (2WD) Optional: GRIP all-wheel drive (AWD) Traction drive eHydro - electronically controlled hydraulic traction pump; dual pedal Reel drive Hydraulic

MOWER

Number / Size	Three (3) QA5 floating, standard: 55.9 cm (22 in.)
Backlapping	Engagement/disengagement and rpm controlled through passcode-protected Tech.
Clip frequency	14-blade: 0.54 mm/km/h (0.034 in./mph), 11-blade: 0.69 mm/km/h (0.044 in./mph) 7-blade: 1.08 mm/km/h (0.069 in./mph) Adjustable in TechControl display
Front rollers	Grooved MT: 5.1 cm (2 in.) Optional grooved 7.6 cm (3 in.)
Reel diameter	12.7 cm (5 in.)
Bedknife adjustment	Bedknife-to-reel
Height-of-cut	With 51 mm (2-in.) front roller: 2-36 mm (0.079-1.42 in.) With 76.2 mm (3-in.) front roller: 4-46 mm (0.16-1.81 in.)
Number of blades	7, 11 or 14
Mower lift	Three independent hydraulic cylinders Lift rate, lower rate, and front-to-rear timing adjustable via passcode-protected TechControl display
Mowing position width	157.5 cm (62 in.)

OPERATOR CONTROLS

Steering	Hydraulic, gear pump with double-acting steering cylinder, adjustable column and tilt wheel
Reel lift	Right-hand joystick control for lift/lower Three independent hydraulic cylinders Lift rate, lower rate, and front-to-rear timing adjustable via passcode-protected Tech Control display
Throttle	Electronically controlled Auto Pedal™ foot controls in transport PTO rpm control through Tech Control display Three modes: Max, Eco, Min
Park brake	Mechanical hand lever to left of seat
Reel drive	Two-position switch for power take-off (PTO) on right-hand Command ARM™ console
Glow plug switch	Glow plugs with automatic timer. Indicator on Tech Control when engaged. Start after glow plug relay turns off.
Hydrostatic speed	Forward Electronic, right foot operated, located to left of reverse pedal Reverse Electronic. right foot operated. located to right of forward pedal

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INSTRUMENTATION

Engine oil pressure	Warning icon and diagnostic trouble code on Tech Control display
Alternator	Warning icon and diagnostic trouble code on Tech Control display
Hydraulic oil temperature	Warning icon and diagnostic trouble code on Tech Control display
Engine coolant temperature	Warning icon and diagnostic trouble code on Tech Control display
Hourmeter	Digital on main Tech Control operating screen

ELECTRICAL AND SAFETY SYSTEM

Diagnostics	On-board diagnostics with Tech control display
Safety interlocks	Operator presence switch (in seat), neutral, mow/transport and park brake switch

CERTIFICATION / WARRANTY

Number	ANSI B71.4-2017
ROPS	Two-post SAE J21294 rollover protective structure with seat belts
Warranty	Two (2) Years warranties

WEIGHTS AND DIMENSIONS

Wheelbase	Front to rear: 130 cm (51.2 in.)
Tread width	157.2 cm (61.9 in.)
Mowing position width	157.5 cm (62 in.)
Turning radius uncut circle	45.7 cm (18 in.)
Weight	Standard seat, reels down: 641 kg (1,410 lb)

SOUND LEVELS AT OPERATOR EAR

Full engine rpm	With GTC and power brush attachments Max mode: 83 dBA
Reduced engine rpm (2,250)	With GTC and power brush attachments Eco mode: 81 dBA

