



# MODEL 275 Tractor

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23.1 (31 hp) engine kW; 20.1 (27 hp) PTO kW – diesel

540/1150 rpm live PTO MFD

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# BASIC TRACTOR

## KILOWATTS

PTO.....	MFD Drive 20.1 (27 hp)
Engine (at 2700 rpm).....	23.1 (31 hp)

## ENGINE

Engine type.....	Diesel
Numbers of cylinders.....	3
Speed, rated full load.....	2700 rpm
Governed speed range.....	900-2900 rpm
Bore and stroke.....	83 x 100 mm (3.31 x 3.54")
Piston displacement.....	1.50 L (91.3in <sup>3</sup> )

## CAPACITIES

Fuel tank.....	28 L (6.2 gal)
Cooling system.....	6.0 L (1.3 gal)
Engine lube oil, incl. filter (spin on - full flow).....	4.2 L (0.9 gal)
Rear frame (Transmission and hydraulic system).....	26 L (5.7 gal)
Hydraulic pump capacity.....	27.6 L/min (6.1 gpm)

## DIMENSIONS

Wheelbase.....	1.80 m (70.9")
Tread: Front	
Minimum.....	1.20 m (47.2")
Maximum.....	1.20 m (47.2")
Tread: Rear	
Minimum.....	1.06 m (41.9")
Maximum.....	1.51 m (61.9")
Length overall	
without 3-point hitch.....	2.84 m (111.8")
with 3-point hitch.....	3.02 m (119.0")
Width overall	
minimum tread.....	1.37 m (54.0")
Height	
to top of steering wheel.....	1.50 m (58.9")
to top of ROPS.....	2.16 m (85")
Ground clearance, minimum	
under frame.....	352 mm (13.9")
under front axle.....	300 mm (11.8")
Turning radius, MFD disengaged:	
without brakes.....	3.75 m (12.30')
with brakes.....	2.85 m (9.35')
Drawbar:	
Height above ground to top of drawbar.....	346 mm (13.6")

## WEIGHT

Approx. shipping weight of tractor with standard equipment and 12.4-24 rear, 7.00-16 front tyres.....	1179 kg (2,600 lbs)
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## GROUND SPEEDS - 2 WD Models

with 12-4-24 Tyres (No allowance for tyre slippage)

Range	Gear	At 2700 rpm (Rated) Engine Speed	
		km/h	mph
Low	1	1.98	1.23
	2	2.69	1.67
	3	3.61	2.25
Medium	1	4.86	3.02
	2	6.62	4.11
	3	8.90	5.53
High	1	11.13	6.91
	2	15.15	9.42
	3	20.38	12.66
Reverse	1	2.36	1.47
	2	5.80	3.61
	3	13.29	8.26

The Case International 275 diesel is an ideal tractor for small scale farming and big scale grounds care. It's comfortable, quick handling, precision engineered for years of reliable service and economical operation.

## STANDARD EQUIPMENT

Alternator, 35 amp. Air Cleaner, dry type replaceable. Anti-freeze/Coolant. Battery, maintenance-free. Brakes, wet, disc type. Clutch, dry disc. Differential lock. Drawbar, retractable. Engine, liquid cooled - 1496 cc (91.3 in<sup>3</sup>) 3-cylinder diesel, with glow plug starting aid. Hand throttle, foot throttle. Fuel filter. Hitch, 3-point, Category 1. Check chains, outside. Horn, electric. Hydraulics, live with draft and position control. Hydraulic oil filter. Instrument panel lighted - includes tachometer, hourmeter, metered electric fuel gauge, coolant temperature gauge, warning lights for no charge, engine oil pressure and coolant temperature, test button for warning lights. 12-V electrical system with key start, with key engine shut-off. Lighting system - 2 headlights, 1 taillight, dual flashing warning lights with turn signals. Red rear reflectors. Muffler, vertical with curved outlet. Parking brake, lock. PTO, dual speed, live, 540/1150 rpm with shield. Safety start (PTO). Seat suspension with fore and aft adjustment. SMV emblem. Power steering. Tool Box. Transmission, 9F/3R, synchromesh (first and reverse in line) and 3 speed range. Transmission safety start. Foldable ROPS protective frame. Weight bracket, front.

## OPTIONAL EQUIPMENT

Alternative turf tyres and ag. tyres. Double acting auxiliary valve. Mid-mount PTO, 2400 rpm. Weights, front end and rear wheel. Horizontal muffler. Rear work light.

**IMPORTANT:** The J I Case Company reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring obligation to install them on any units previously sold.

**ATTENTION READERS:** Local availability, standard specifications and options may vary from those listed or illustrated in this publication. Your local Case branch or dealer will gladly advise concerning availability and recommended specifications.

Accredited to AS 3901  
Standard for Quality Control

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