

# PRODUCT SPECIFICATIONS FOR TH314D

ENGINE	
Engine Model	TCD 3.6 L4*
Bore	98 mm
Stroke	120 mm
Displacement	3.6 l
Gross Power	55.4 kW; 75.3 Ch/CV/Ps; 74.3 hp/BHP
Note	*Meets EU Stage V emission standards.
Maximum Torque	405 N·m @ 1,300 rpm

WEIGHTS	
Operating Weight - With Carriage and Forks	10095 kg

OPERATING SPECIFICATIONS	
Rated Load Capacity	3600 kg
Maximum Lift Height	13850 mm
Maximum Forward Reach	8.68 m
Top Travel Speed	19 km/h
Load at Maximum Height - Stabilizers Down	3000 kg
Maximum Lift Height - Stabilizers Down	13.85 m
Load at Maximum Height - Stabilizers Up	1500 kg
Load at Maximum Reach - Stabilizers Up	100 kg
Maximum Lift Height - Stabilizers Up	13.85 m
Outside Turning Radius - Over Tires	3.81 m

<b>Load at Maximum Reach - Stabilizers Down</b>	900 kg
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TIRES	
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<b>Standard</b>	15.5/80-24
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HYDRAULIC SYSTEM	
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<b>Maximum System Pressure</b>	270 bar
<b>Maximum Pump Flow</b>	100 l/min
<b>Auxiliary Hydraulic Supply</b>	95 l/min
<b>Pump Type</b>	Gear pump
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SERVICE REFILL CAPACITIES	
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<b>Fuel Tank</b>	150 l
<b>Hydraulic Tank</b>	102 l
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BOOM PERFORMANCE	
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<b>Bucket Breakout Force - ISO 8313</b>	72 kN
<b>Drawbar Pull 55.4 kW</b>	69 kN
<b>Tele In</b>	14.8 seconds
<b>Crowd Backward</b>	3.5 seconds
<b>Combined - Down and In</b>	19.5 seconds
<b>Boom Down</b>	11.6 seconds
<b>Boom Up</b>	15.9 seconds
<b>Combined - Un and Out</b>	27 seconds

<b>Tele Out</b>	15.1 seconds
<b>Crowd Forward - Dump</b>	2.5 seconds
<b>Boom Breakout Force</b>	72 kN

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## BRAKES

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<b>Parking Brakes</b>	Mechanical on front axle
<b>Service Brakes</b>	Servo assisted front and rear axle brakes

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## TRANSMISSION SPEEDS

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<b>Reverse - 2</b>	9 km/h
<b>Reverse - 3</b>	19 km/h
<b>Forward - 2</b>	9 km/h
<b>Forward - 1</b>	5 km/h
<b>Forward - 3</b>	19 km/h
<b>Reverse - 1</b>	5 km/h

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## SOUND

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<b>Operator Sound</b>	80 dB(A)
<b>Exterior Sound - 55.4 kW Engine</b>	104 dB(A)

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## AIR CONDITIONING SYSTEM

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<b>Air Conditioning</b>	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.2 kg of refrigerant
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which has a CO2 equivalent of 1.575 metric tonnes.

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## TH314D STANDARD EQUIPMENT

### CAB ROPS AND FOPS

- Longitudinal Stability Indicator
- Mechanical Suspension Seat with Seat Belt
- Roof Wiper
- Heater/De-mister
- Multi Function Joystick Controller with FNR
- Front and Rear Windscreen Wipers
- Mechanical Park Brake

### ELECTRICAL

- 1 × 12V 900 CCA Battery
- Work Lights, 4 × Cab Mounted (2 front, 2 rear)
- Reverse Alarm

### TIRES

- 14.00-24 16PR Air Mitas

### QUICK COUPLERS

- Manual Cat “IT” Interface

## TH314D OPTIONAL EQUIPMENT

### CAB ROPS AND FOPS

- Sunscreen
- Screen Guard
- Roof Guard
- Air Conditioning
- Column Mounted FNR Lever

### ELECTRICAL

- 1 × 12V 815 CCA Gel Battery

Block Heater 240 Volt

Rotating Beacon

#### OTHER EQUIPMENT

Boom Brushes

Single Auxiliary Service to Boom Head

Rear Hitch Mirror, Convex

Tool Box

Boom Safety Brace

#### TIRES

14.00-24 16PR Air Goodyear

#### TOW HITCHES

Off Road Tow Hitch

#### QUICK COUPLERS

Competitive Couplers

#### WORK TOOLS

Floating Fork Carriage

Pallet Forks

Side Shift – Fork Carriage

1.0 m<sup>3</sup> (1.3 yd<sup>3</sup>) General Purpose Bucket

1.5 m<sup>3</sup> (1.95 yd<sup>3</sup>) Rehandling Bucket

1.0 m<sup>3</sup> (1.3 yd<sup>3</sup>) Multi Purpose Bucket

Truss Boom