



Cat[®] TH414

Telehandler

Specifications

Engine

Model	Cat [®] C4.4 DITAAC
Gross Power	74.5 kW/100 hp
Maximum Torque	410 Nm/1400 rpm
Bore	105 mm
Stroke	127 mm
Displacement	4.4 liter

Weights

Operating Weight	9360 kg
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Operating Specifications

Rated Load Capacity	3700 kg
Maximum Lift Height	13700 mm
Maximum Forward Reach	9225 mm
Top Travel Speed	32 km/h
Load at Max Height	
Stabilizers Up	2000 kg
Stabilizers Down	3700 kg
Load at Max Reach	
Stabilizers Up	350 kg
Stabilizers Down	1150 kg
Turning Radius Over Tyres	3800 mm

Service Refill Capacities

Fuel Tank	150 liter
Hydraulic Tank	90 liter

Tyres

Standard	15.5/80-24 16PR
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Brakes

Service Brakes	Servo assisted on front axle
Parking Brakes	Mechanical on front axle

Hydraulic System

Maximum System Pressure	250 bar
Maximum Pump Flow	113 liter/min
Pump Type	Variable displacement load sensing axial piston pump
Auxiliary Hydraulic Supply	
Intermittent	80 liter/min
Continuous	60 liter/min

Transmission Speeds

Forward	km/h
1	7
2	12
3	21
4	32
Reverse	
1	7
2	12
3	21

Boom Performance

	seconds
Boom Up	13.0
Boom Down	8.0
Tele In	11.0
Tele Out	11.0
Crowd Forward (dump)	3.0
Crowd Backward	3.0
Combined	
Up and Out	23.0
Down and In	13.4
Drawbar Pull 74.5 kW	88.0 kN

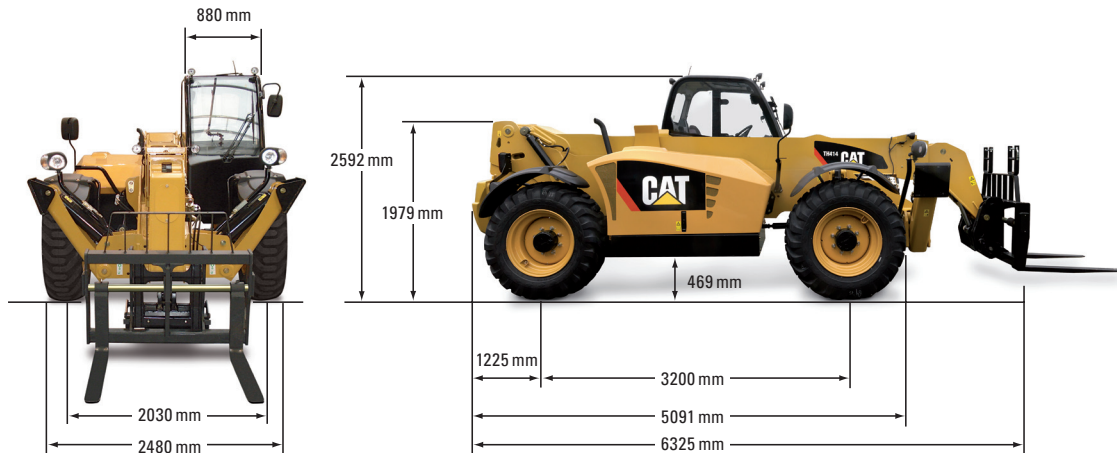
Sound

Operator Sound	78 dB(A)
Exterior Sound (74.5 kW Engine)	106 dB(A)

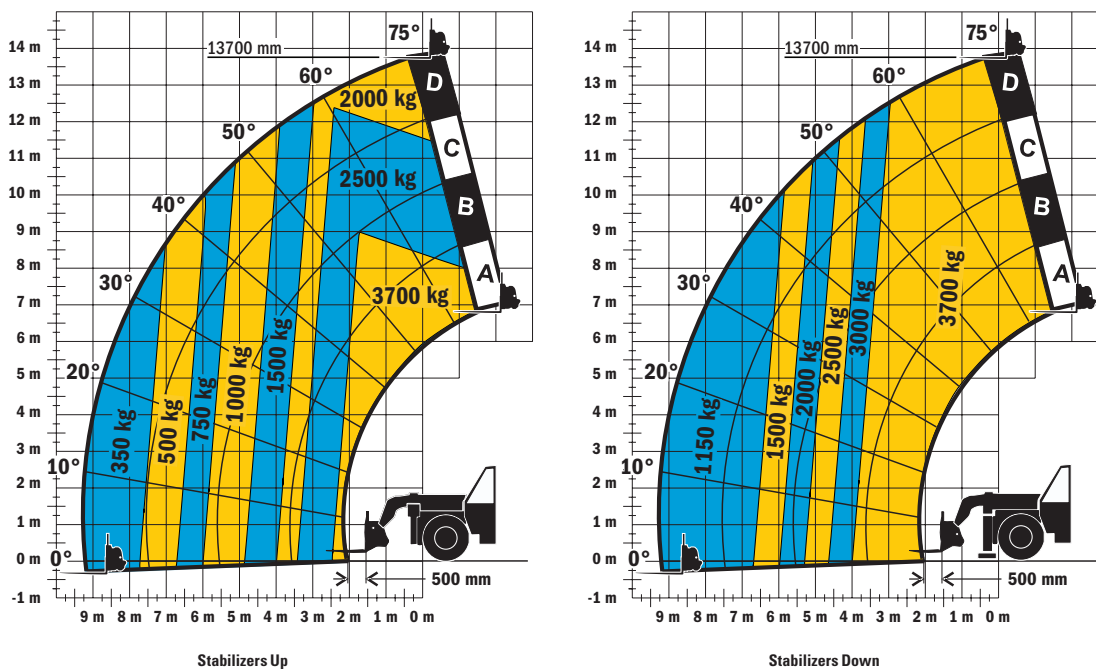
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Dimensions

All dimensions are approximate.



Load Chart and Dimensions



IMPORTANT

Rated lift capacities shown are with machine equipped with carriage and pallet forks. The machine must be level on a firm surface with undamaged, properly inflated tyres. Machine specifications and stability are based on rated lift capacities at specific boom angles and boom lengths. (If specifications are critical, the proposed application should be discussed with your dealer.)

DO NOT exceed rated lift capacity loads, as unstable and dangerous machine conditions will result.

DO NOT tip the machine forward to determine the allowable load.

Due to continuous product improvements, machine specifications and/or equipment changes may be made without prior notification.