



# TH407

## Telehandler



## SPECIFICATIONS

### Engine

Engine Model (Standard)	Cat® C4.4 DITAAC	
Engine Model (Optional)	Cat® C4.4 DITAAC-ACERT	
Gross Power (Standard)	74.5 kW	100 hp
Gross Power (Optional)	93.1 kW	125 hp
Maximum Torque (Standard)	410 Nm at 1400 rpm	
Maximum Torque (Optional)	499 Nm at 1500 rpm	
Bore	105 mm	
Stroke	127 mm	
Displacement	4.4 litre	

### Weights

Operating Weight	7700 kg
------------------	---------

### Operating Specifications

Rated Load Capacity	3700 kg
Maximum Lift Height	7300 mm
Maximum Forward Reach	3763 mm
Top Travel Speed	40 kph
Load at Max Height	2000 kg
Load at Max Reach	1250 kg

### Service Refill Capacities

Fuel Tank	150 litre
Hydraulic Tank	90 litre

### Tyres

Standard	15.5/80-24 16PR
----------	-----------------

### Brakes

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

### Hydraulic System

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

### Transmission Speeds

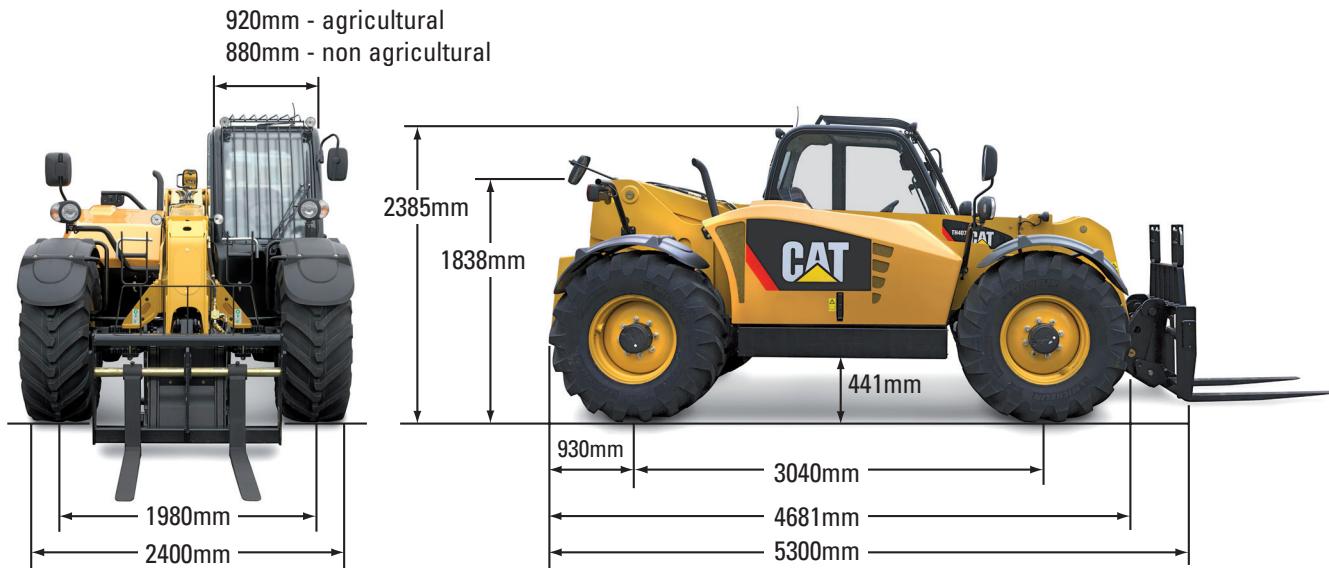
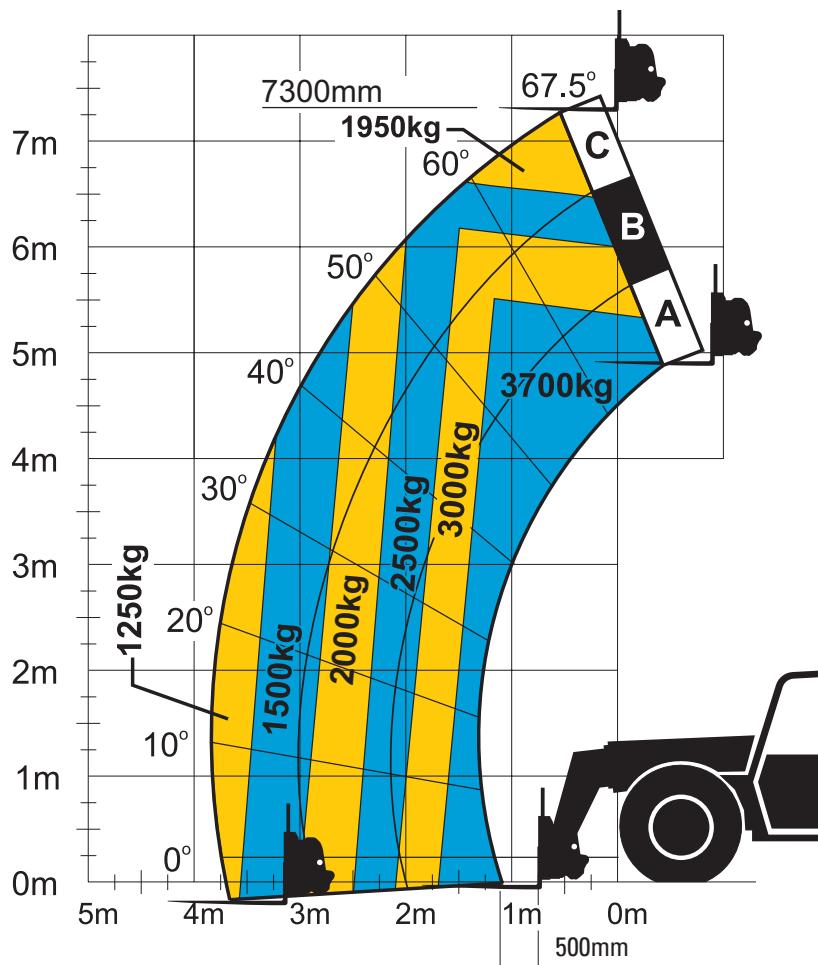
Forward – 1	7 kph
Forward – 2	12 kph
Forward – 3	21 kph
Forward – 4	32 kph
Forward – 5	40 kph
Reverse – 1	7 kph
Reverse – 2	12 kph
Reverse – 3	21 kph

### Boom Performance

Boom Up	8 Seconds
Boom Down	6 Seconds
Tele In	6 Seconds
Tele Out	7 Seconds
Crowd Forward (dump)	3 Seconds
Crowd Backward	3 Seconds
Combined – Up and Out	13 Seconds
Combined – Down and In	9 Seconds
Drawbar Pull 74.5 kW	8500 kg
Drawbar Pull 93.1 kW	8900 kg

### Sound

Operator Sound	78 dB(A)
Exterior Sound - 74.5 kW Engine	106 dB(A)
Exterior Sound - 93.1 kW Engine	107 dB(A)

**Dimensions****Load Chart**

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

©2007 Caterpillar Inc. All Rights Reserved. CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow" and the POWER EDGE trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

[www.cat.com](http://www.cat.com)

**CATERPILLAR®**