

# Cat® TH406

**Telehandler** 

# **Specifications**

#### **Engine** Model Engine Model (Standard) Cat® C4.4 Mechanical DITAAC Engine Model (Optional) Cat® C4.4 Electronic DITAAC-ACERT® Gross Power (Standard) 74.5 kW 100 hp 125 hp Gross Power (Optional) 93.1 kW Maximum Torque (Standard) 410 Nm at 1400 rpm Maximum Torque (Optional) 496 Nm at 1400 rpm Bore 105 mm 4.13 in 4.99 in Stroke 127 mm Displacement 4.4 L 268.5 cu in Weights **Operating Weight** 7200 kg 15,870 lb **Operating Specifications Rated Load Capacity** 8,100 lb 3700 kg Maximum Lift Height 6.10 m 20 ft Maximum Forward Reach 3.11 m 10 ft 2 in Top Travel Speed 40 kph 25 mph Capacity at Max Height 2000 kg 4,400 lb 3,300 lb Capacity at Max Reach 1500 kg **Turning Radius over Tires** 3.59 m 11 ft 8 in **Service Refill Capacities Fuel Tank** 150 L 39.63 gal Hydraulic Tank 90 L 23.78 gal **Tires** Standard 15.5/80-24 16PR Optional 400/80 R24 Power CL 460/70 R24 XMCL 15.50 x 25 SGL **Brakes**

•	Service	brak	ces are	in	board	l wet	disc	: bra	kes	on t	front	axl	е
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<sup>·</sup> Parking brakes are wet disc spring-applied hydraulic release

### **Hydraulic System**

Maximum System Pressure	250 bar	3,625 psi
Maximum Pump Flow	150 L/min	39.63 gal/min
Pump Type	Variable displacement load sensing axial piston pump	
Auxiliary Hydraulic Supply (Intermittent)	80 L/min	21.13 gal/min
Auxiliary Hydraulic Supply (Continuous)	60 L/min	15.85 gal/min

 Auxiliary Hydraulic Circuit used for all attachments equipped with cylinders or other hydraulic components.
Consists of valves, controls, and hydraulic lines.

# **Transmission Speeds**

Forward—1	7 kph	4.3 mph
Forward—2	12 kph	7.45 mph
Forward—3	21 kph	13 mph
Forward—4	32 kph	19.8 mph
Forward—5	40 kph	25 mph
Reverse—1	7 kph	4.3 mph
Reverse—2	12 kph	7.45 mph
Reverse—3	21 kph	13 mph

#### **Boom Performance**

Boom Up	5 Seconds	
Boom Down	4 Seconds	
Tele In	4.5 Seconds	
Tele Out	5 Seconds	
Tilt Forward (dump)	3 Seconds	
Tilt Backward	3 Seconds	
Combined—Up and Out	8 Seconds	
Combined—Down and In	6 Seconds	
Drawbar Pull 74.5 kW	8400 kg	18,520 lb
Drawbar Pull 93.1 kW	8849 kg	19,510 lb

#### Instruments

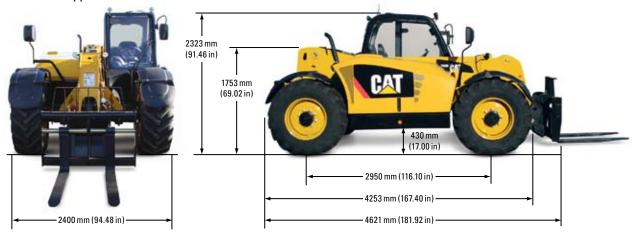


Engine speed, boom angle, machine speed, operation hours,
% of continuous flow selected, gear selected and direction

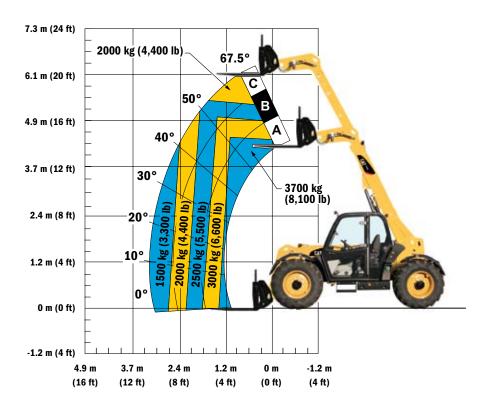
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#### **Dimensions**

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 tires. 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.

Use only JLG approved attachments with proper material handler model/attachment load capacity charts displayed in the operator's cab. OSHA requires all rough terrain forklift operators be trained according to OSHA 29 CFR 1910.178 (1).

Due to continuous product improvements, machine specifications and/or equipment changes may be made without prior notification. This machine meets or exceeds ANSI/ITSDF B56.6-2005 as originally manufactured for intended applications.

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