

Cat® TH407

Telehandler

Specifications

Engine			
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	
Gross Power (Optional)	93.1 kW	125 hp	
Maximum Torque (Standard)	410 Nm at 1400 rpm		
Maximum Torque (Optional)	496 Nm at 1400 rpm		
Bore	105 mm	4.13 in	
Stroke	127 mm	4.99 in	
Displacement	4.4 L	268.5 cu in	
Weights			
Operating Weight	7700 kg	16,980 lb	
Operating Specifications			
Rated Load Capacity	3700 kg	8,100 lb	
Maximum Lift Height	7.30 m	24 ft	
Maximum Forward Reach	3.76 m	12 ft 3 in	
Top Travel Speed	40 kph	25 mph	
Capacity at Max Height	2000 kg	4,400 lb	
Capacity at Max Reach	1500 kg	3,300 lb	
Turning Radius over Tires	3.70 m	12 ft 1 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		
	440/80 R24 Power CL		
	460/70 R24 XMCL		
	500/70 R24 XMCL		

Brakes

- · Service brakes are inboard wet disc brakes on front axle
- · Parking brakes are wet disc spring-applied hydraulic release

15.50 x 25 SGL

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	7.5 Seconds	
Boom Down	5.1 Seconds	
Tele In	4.8 Seconds	
Tele Out	5.7 Seconds	
Tilt Forward (dump)	3 Seconds	
Tilt Backward	3 Seconds	
Combined—Up and Out	11.5 Seconds	
Combined — Down and In	6.6 Seconds	
Drawbar Pull 74.5 kW	8500 kg	18,740 lb
Drawbar Pull 93.1 kW	8900 kg	19,620 lb

Instruments

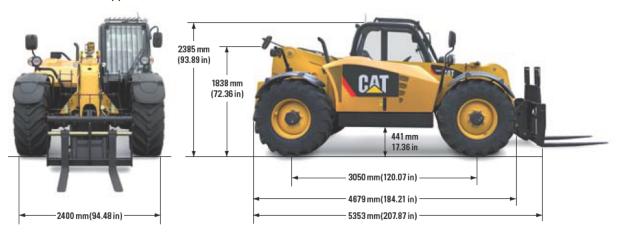
Engine speed, boom angle, machine speed, operation hours,
% of continuous flow selected, gear selected and direction



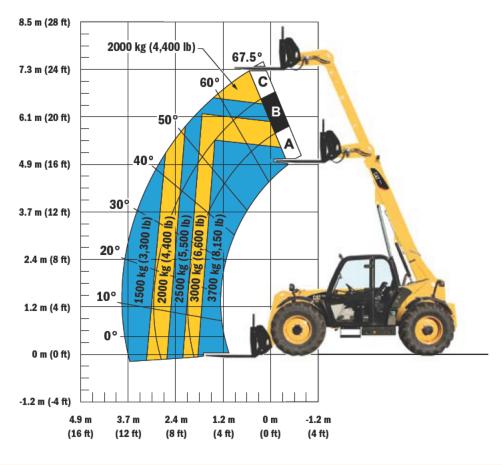
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Dimensions

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.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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