

Cat[®] TH255C

TELEHANDLER



FEATURES:

- Compact Dimensions** – The TH255C is purpose built to be able to gain entrance to narrow spaces and navigate space constrained sites. The super compact telehandler is perfect for working in small spaces and low buildings.
- Power Train** – Designed for a range of construction and agricultural applications, the Cat[®] TH255C features an efficient 55 kW (74 hp) engine coupled to a hydrostatic transmission.
- Versatility** – In order to help you get the most out of your machine, the Cat TH255C is exceptionally versatile and can use a range of attachments, including those fitting a universal quick coupler.

Specifications

Engine

Model	TD 2.9L L4*	
Gross Power	55 kW	74 hp
Maximum Torque @ 1,800 rpm	260 N-m	193 lbf-ft
Displacement	2.9 L	177 in ³

*U.S. EPA Tier 4 Final emission standards

Weights

Operating Weight with Carriage and Forks	4999 kg	11,000 lb
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Service Refill Capacities

Fuel Tank	91 L	24 gal
Hydraulic System	91 L	24 gal

Operating Specifications

	Standard Coupler		Universal Quick Coupler	
Rated Load Capacity	2500 kg	5,500 lb	2500 kg	5,500 lb
Maximum Lift Height	5600 mm	18 ft 4 in	5600 mm	18 ft 4 in
Maximum Forward Reach	3300 mm	10 ft 11 in	3300 mm	10 ft 11 in
Capacity at Maximum Height	1996 kg	4,400 lb	1360 kg	3,000 lb
Capacity at Maximum Reach	839 kg	1,850 lb	771 kg	1,700 lb
Turning Radius over Tires				
12 × 16.5 Tires	3200 mm	127 in	3200 mm	127 in
14 × 17.5 Tires	3100 mm	125 in	3100 mm	125 in
Top Travel Speed				
12 × 16.5 Tires	24 km/h	15 mph	24 km/h	15 mph
14 × 17.5 Tires	27 km/h	17 mph	27 km/h	17 mph

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Tires

Standard	12.00 × 16.5
Optional	14.00 × 17.5 10.5 × 18 33 × 12-20 non-marking

Brakes

Service Brakes	Inboard wet disc brakes on front axle
Parking Brakes	Wet disc spring-applied hydraulic release

- Light on dash indicates when brake is on.

Axles

- Planetary on front and rear axles.
- High bias limited slip differential on front axle.

Hydraulic System – Implement

Pump Type	Gear pump	
Maximum System Pressure	241 bar	3,500 psi
Maximum Auxiliary Flow	72.3 L/min	19 gal/min

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

Transmission

Transmission	Hydrostatic
Forward	Variable Speed
Reverse	Variable Speed

Boom Performance

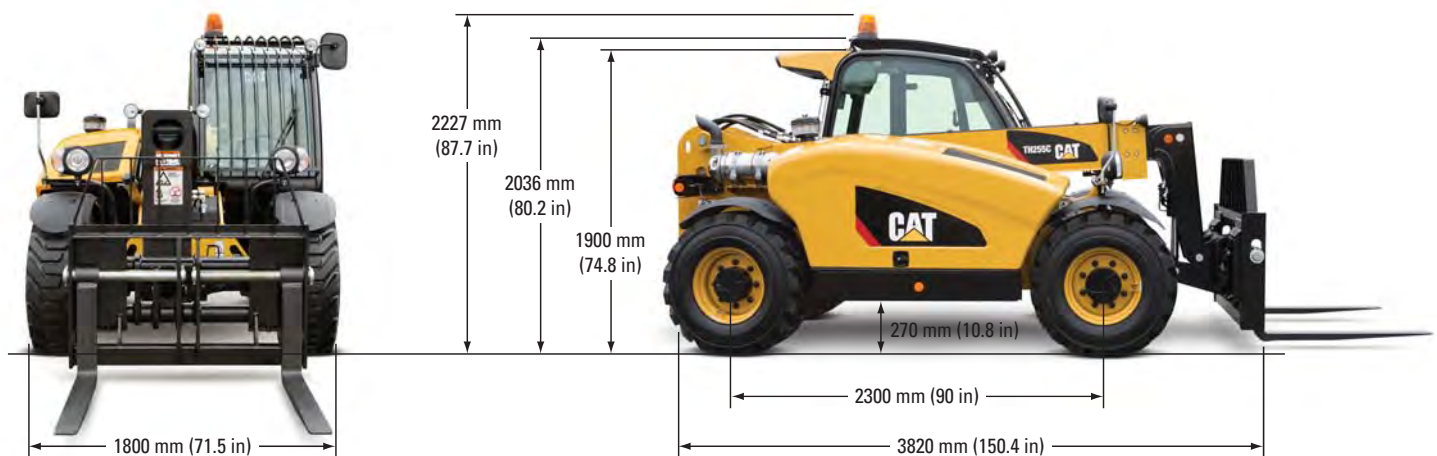
Boom Up	6.8 Seconds	
Boom Down	4.6 Seconds	
Tele In	3.8 Seconds	
Tele Out	6.7 Seconds	
Bucket Dump	2.5 Seconds	
Bucket Crowd	2.0 Seconds	
Drawbar Pull (Loaded)	38.7 kN	8,700 lb

Instruments

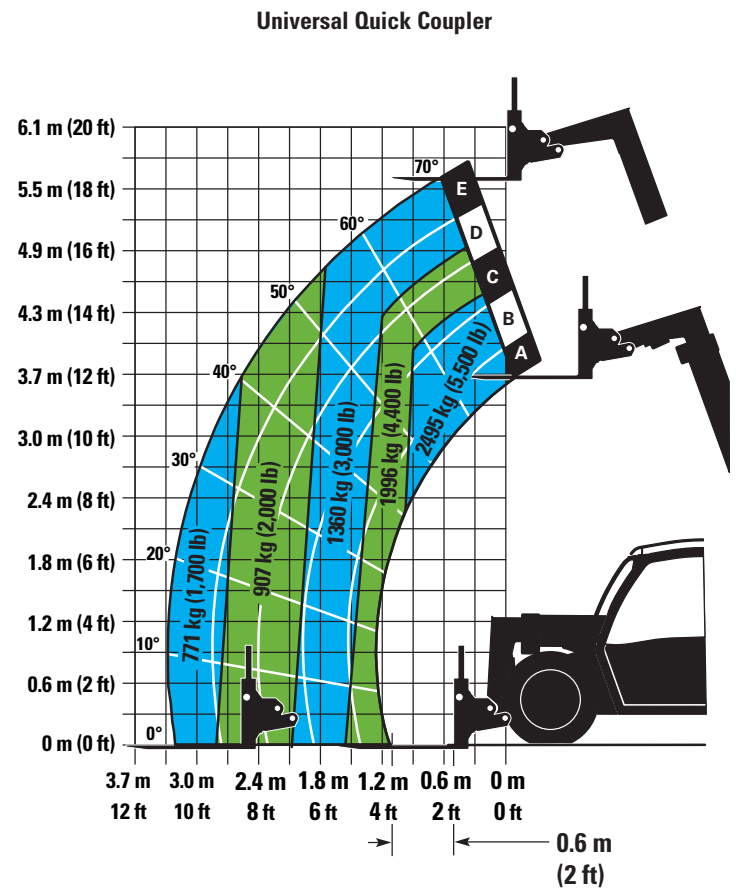
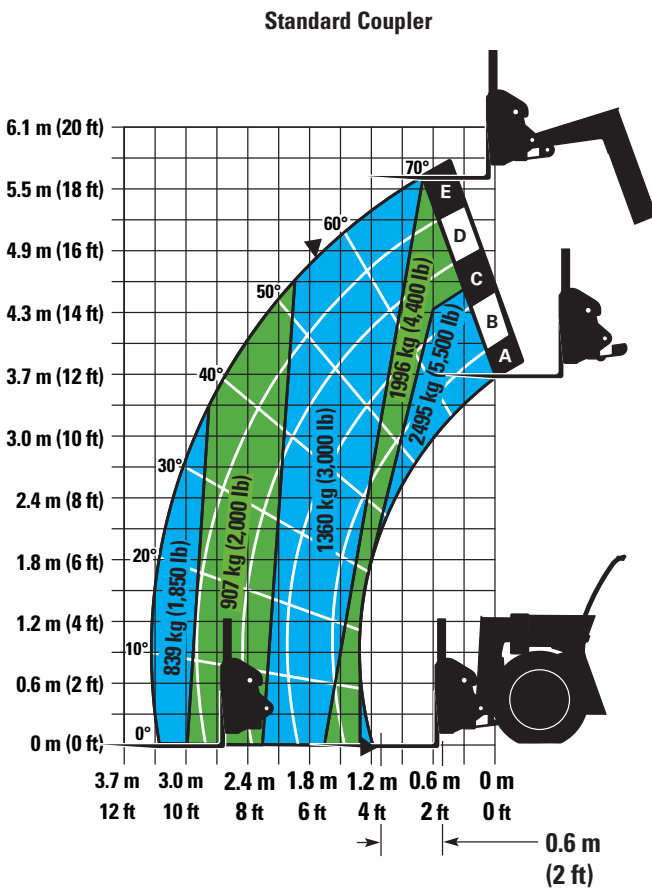
- Indicators for machine hours, fuel-level, steer mode, steering pressure, battery charge, coolant temperature, parking brake and engine pre-heat.
- Reverse motion alarm.
- Panel and switches are illuminated for night operation.

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 B56.6-2016 as originally manufactured for intended applications.

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Standard and Optional Equipment (Standard and Optional equipment may vary. Consult your Cat dealer for details.)

	Standard	Optional		Standard	Optional
Cab ROPS and FOPS			Tires		
Canopy, Fixed Steering Column	✓	—	Mitas 12 × 16.5, Pneumatic	✓	—
Canopy, Tilt Steering Column	—	✓	14 × 17.5, Pneumatic	—	✓
Cab Enclosed with Heat	—	✓	12 × 16.5, Foam	—	✓
Cab Enclosed with Heat and Air Conditioning	—	✓	14 × 17.5, Foam	—	✓
Sunscreen	✓	—	10.5-18, Pneumatic	—	✓
Mechanical Suspension Seat with Seat Belt	✓	—	33 × 22, Solid Non-Marking	—	✓
Screen Guard	—	✓	Tow Hitches		
Roof Guard	—	✓	Retrieval Hitch	—	✓
Heater/De-mister	—	✓	Manual Hitch	—	✓
Air Conditioning	—	✓	Automatic Adjustable Hitch	—	✓
Seatbelt, 76 mm (3 in)	—	✓	Quick Couplers		
Column Mounted FNR Lever	—	✓	Manual Quick Coupler	✓	—
Front, Rear, and Roof Wipers	—	✓	Hydraulic Quick Coupler	—	✓
Mechanical Parking Brake	✓	—	• Standard Coupler or Universal Quick Coupler options are available, and must be selected, please consult your Cat dealer for details.		
Electrical			Work Tools		
1 × 12V 1,000 CCA Battery	✓	—	Floating Fork Carriage	—	✓
Block Heater 110 Volt	—	✓	Side Shift Carriage	—	✓
Work Lights, 4 × Cab Mounted (2 front, 2 rear) 2 × Boom Mounted	—	✓	Side Tilt/Rotate Carriage	—	✓
Product Link™ Ready, Version 641	—	✓	0.36 m ³ (0.48 yd ³) Multi Purpose Bucket	—	✓
Seven (7) Pin Trailer Service	—	✓	0.76 m ³ (1.0 yd ³) General Purpose Bucket	—	✓
Reverse Alarm	✓	—	0.76 m ³ (1.0 yd ³) Grapple Bucket	—	✓
Rotating Beacon	—	✓	1.0 m ³ (1.3 yd ³) Multi Purpose Bucket	—	✓
Radio Ready	—	✓	1.5 m ³ (1.95 yd ³) Light Material Bucket	—	✓
Battery Disconnect	—	✓	1225 mm (48 in) Bale Fork	—	✓
Other Equipment			Grapple Bucket	—	✓
Boom Brushes	✓	—	Muck Fork and Grapple	—	✓
Single Auxiliary Service to Boom Head	✓	—	Material Handling Arm for Universal Quick Coupler	—	✓
Auxiliary Service to Rear	—	✓			
Rear Hitch Mirror, Flat	—	✓			
Rear Hitch Mirror, Convex	—	✓			
Tool Box	—	✓			
Boom Safety Brace	—	✓			
Wheel Chocks	—	✓			
Remote Grease System	—	✓			

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