



Cat[®] TL1255

TELEHANDLER

Specifications

Engine

Model	Cat [®] C4.4 ACERT™	
Gross Power (Basic)	106 kW	142.1 hp

Weights

Operating Weight	15 466 kg	34,097 lb
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Operating Specifications

Rated Load Capacity	5443 kg	12,000 lb
Maximum Lift Height (o/r Down)	16.6 m	54.6 ft
Maximum Forward Reach	12.8 m	42 ft
Frame Leveling	10°	
Top Travel Speed	33 km/h	20.5 mph
Capacity at Maximum Height (o/r Down)	2268 kg	5,000 lb
Capacity at Maximum Reach (o/r Down)	1587 kg	3,500 lb
Turning Radius over Tires	4.3 m	14 ft
Drawbar Pull (Loaded)	113.9 kN	25,605 lb

Hydraulic System

Variable displacement load sensing axial piston pump		
System Operating Pressure	260 bar	3,771 psi
Auxiliary Hydraulic Pressure	228 bar	3,307 psi
Auxiliary Hydraulic Flow	95 L/min	25 gal/min

- Auxiliary Hydraulic Circuit used for all attachments equipped with cylinders or other hydraulic components.

Service Refill Capacities

Fuel Tank	145 L	38 gal
Hydraulic System	189 L	50 gal

Tires

Standard	400/75-28 Duraforce Air	
Optional	400/75-28 Duraforce Foam	
	360/85-28 Telemaster Solid	
	17.5 × 25 16PR Air	
	17.5 × 25 12PR Foam	
	400/75-28 Non-Marking Air	
	400/75-28 Non-Marking Foam	

Transmission Speeds

Forward	4 speed
Reverse	3 speed

Boom Performance

Boom Up/Boom Down	16.7 Seconds/14.4 Seconds
Tele In/Tele Out	16.3 Seconds/18.5 Seconds

Axles and Brakes

- Trunnion mounted planetary 55-degree steer axles.
- High bias limited slip differential on front axle.
- Service Brakes: Inboard wet disc brakes on front and rear axles.
- Parking Brakes: Wet disc, spring applied hydraulic release on front axle.

Optional Work Tool Attachments

Hydraulic IT Coupler

Carriages:

Standard Tilt	1270 mm	50 in
	1524 mm	60 in
	1829 mm	72 in
Side Tilt	1270 mm	50 in
	1829 mm	72 in
Side Shift	1220 mm	48 in
	1829 mm	72 in
Swing, 100°	1270 mm	50 in
	1829 mm	72 in
Dual Hydraulic Fork Positioner	1270 mm	50 in
	1829 mm	72 in

Forks:

Pallet	1220 mm	48 in
	1525 mm	60 in
	1829 mm	72 in
Block/Cubing Fork Extensions*	1220 mm	48 in
	2286 mm	90 in

Buckets:

General Purpose	1.0 m ³	1.3 yd ³
	1.5 m ³	2.0 yd ³
Multi Purpose Grapple	1.0 m ³	1.3 yd ³
	1.3 m ³	1.7 yd ³

Material Handling Arm

Adjustable 2-4 m
Adjustable 6.7-13.2 ft

Truss Booms

3.7 m 12 ft
4.6 m 15 ft

Truss with Winch

0.9 m 3 ft
3.7 m 12 ft

Fork Mounted Work Platform

1220 mm × 2438 mm
4 ft × 8 ft

Truss Boom Adjustable

2.1-3.6 m Adjustable
7-12 ft

Lifting Hook

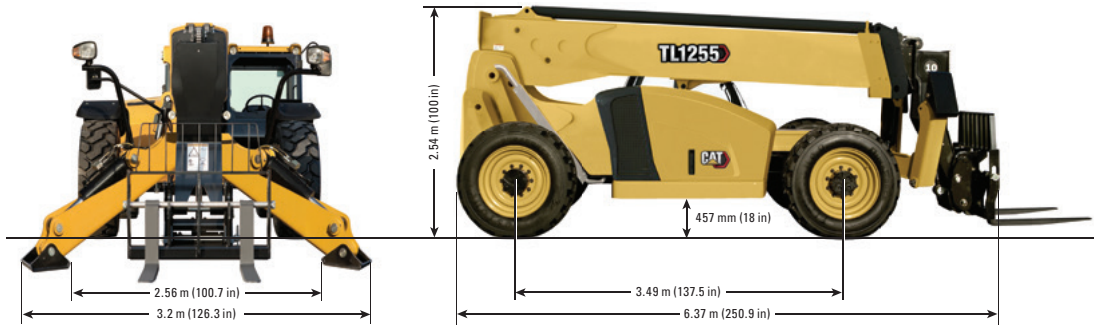
Trash Hopper

*For use with 1525 mm (60 in) forks or larger.

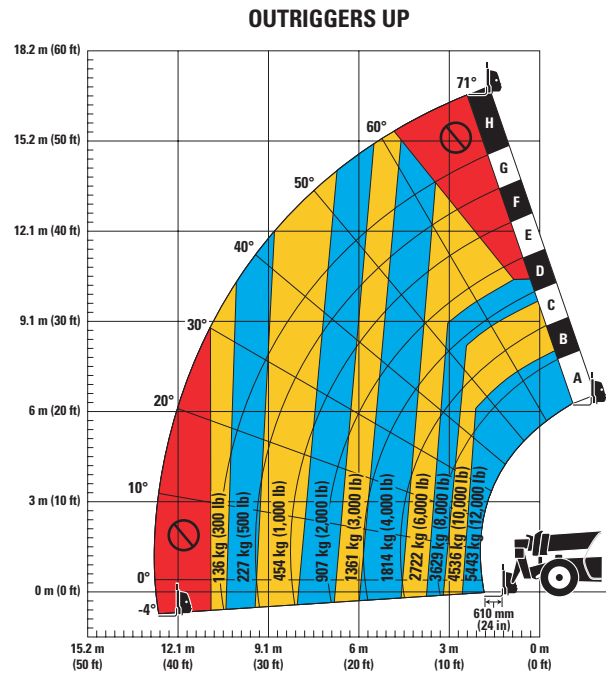
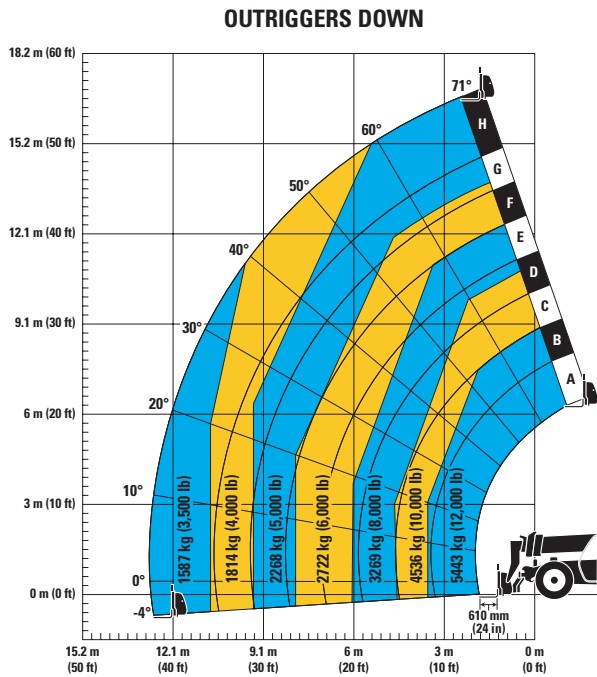


TL1255 Telehandler

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 approved attachments with proper material handler model/attachment load capacity charts displayed in the operator's cab.

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.

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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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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