Cat® TL1055D

TELEHANDLER

Specifications

Engine

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

Weight

Operating Weight	14 340 kg	31,614 lb

Operating Specifications

Rated Load Capacity	4536 kg	10,000 lb
Maximum Lift Height (o/r Down)	16.7 m	54.9 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)	1134 kg	2,500 lb
Turning Radius over Tires	4.3 m	14.1 ft
Drawbar Pull (Loaded)	113.9 kN	25,605 lbf

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	185 L	49 gal

Tires

Standard	400/75-28 Duraforce
Optional	400/75-28 Foam Filled
	14.00-24 Solid
	14.00 × 24 16PR
	14.00 × 24 12PR Foam Filled

Transmission Speeds

Forward	4 speed
Reverse	3 speed

Boom Performance

Boom Up	15.0 Seconds
Boom Down	13.0 Seconds
Tele In	16.3 Seconds
Tele Out	18.5 Seconds

Axles

- Trunnion mounted planetary 55 degree steer axles.
- High bias limited slip differential on front axle.

Brakes

- Service Brakes are inboard wet disc brakes on front and rear axles.
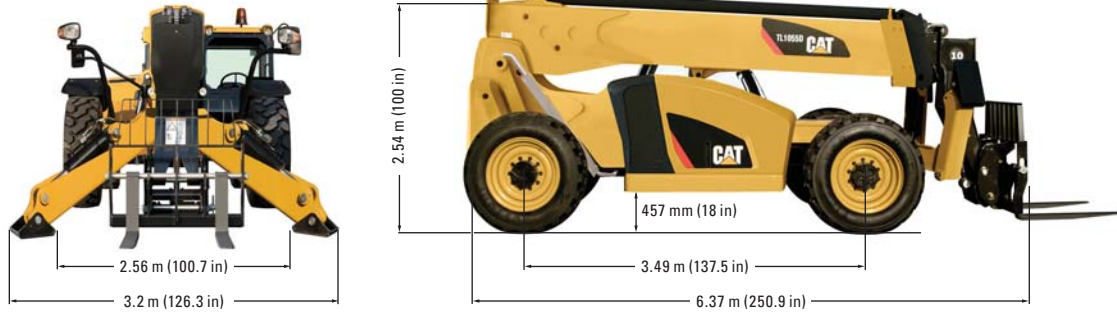- Parking Brakes are wet disc, spring applied hydraulic release on front axle.

Work Tools

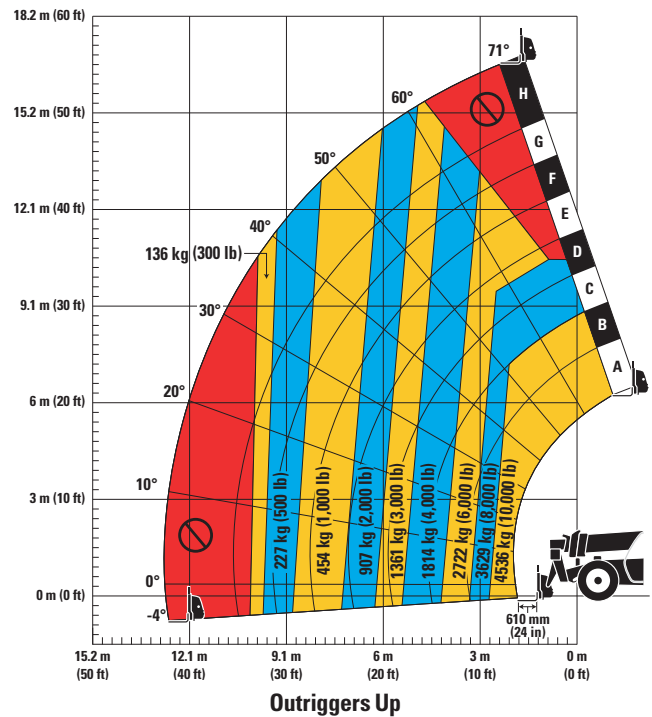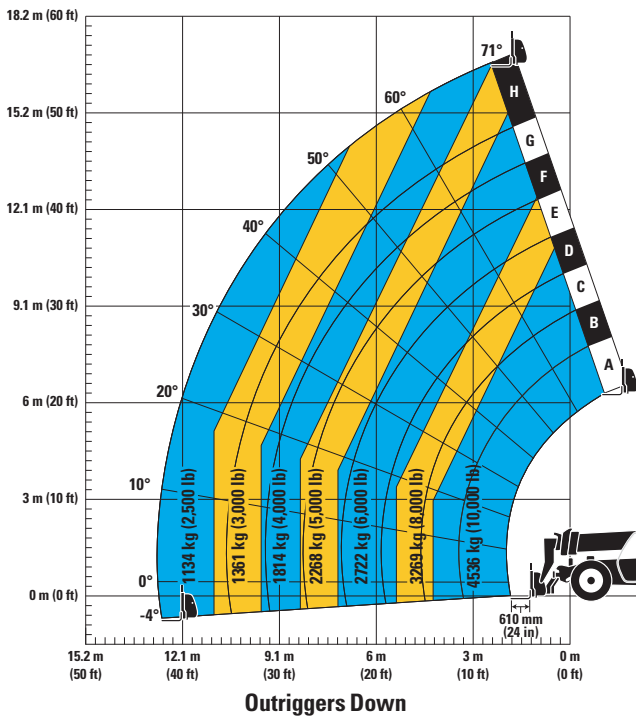|	Includes	Includes
Hydraulic		
IT Coupler	Auxiliary Electrics	Auxiliary Electrics
Pallet Forks	(2) 1525 mm, 60 mm × 150 mm	(2) 60 in, 2.36 in × 6 in
	(2) 1220 mm, 60 mm × 100 mm	(2) 48 in, 2.36 in × 4 in
Lumber Forks	(2) 1525 mm, 45 mm × 180 mm	(2) 60 in, 1.75 in × 7 in
	(2) 1829 mm, 50 mm × 150 mm	(2) 72 in, 2 in × 6 in
Fork Extensions*	2300 mm	90 in
Cubing Forks	(2) 1220 mm, 50 mm × 50 mm	(2) 48 in, 2 in × 2 in
Carriages:		
Standard Tilt	1270 mm	50 in
Wide Tilt	1829 mm	72 in
Side Shift	1220 mm	48 in
Standard Rotate	1270 mm	50 in
Wide Rotate	1829 mm	72 in
Swing	100°, 1829 mm, 4536 kg Capacity, 2268 kg Swung	100°, 72 in, 10,000 lb Capacity, 5,000 lb Swung
Dual Positioning	1270 mm	50 in

*For use with 1829 mm (72 in) Lumber Forks.

TL1055D Telehandler

Dimensions (All dimensions are approximate.)

2.54 m (100 in)

2.56 m (100.7 in)
3.2 m (126.3 in)

457 mm (18 in)
3.49 m (137.5 in)
6.37 m (250.9 in)

Load Chart and Dimensions

Outriggers Down

Chart axis labels: 18.2 m (60 ft), 15.2 m (50 ft), 12.1 m (40 ft), 9.1 m (30 ft), 6 m (20 ft), 3 m (10 ft), 0 m (0 ft)

Horizontal: 15.2 m (50 ft), 12.1 m (40 ft), 9.1 m (30 ft), 6 m (20 ft), 3 m (10 ft), 0 m (0 ft)

Angles: 71°, 60°, 50°, 40°, 30°, 20°, 10°, 0°, -4°

Capacity bands: 1134 kg (2,500 lb), 1361 kg (3,000 lb), 1814 kg (4,000 lb), 2268 kg (5,000 lb), 2722 kg (6,000 lb), 3269 kg (8,000 lb), 4536 kg (10,000 lb)

610 mm (24 in)

Outriggers Up

136 kg (300 lb)

Capacity bands: 227 kg (500 lb), 454 kg (1,000 lb), 907 kg (2,000 lb), 1361 kg (3,000 lb), 1814 kg (4,000 lb), 2722 kg (6,000 lb), 3629 kg (8,000 lb), 4536 kg (10,000 lb)

610 mm (24 in)

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. U.S. OSHA requires all rough terrain forklift operators be trained according to U.S. 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 B56.6-2011 as originally manufactured for intended applications.

CAT®