

# TH255 Telehandler



## **SPECIFICATIONS**

Model Rated Speed Displacement	Cat <sup>®</sup> C4.4 Tier 2,200 rpm 4.4 l	III DIT
Rated Speed Displacement		
Displacement	4.41	
	4.4 L	268.4 cu ir
Gross Power (Max)	63 kW	84 hp
Weights		
Operating Weight with		
Carriage and Forks	4899 kg	10,800 lb
Operating Specifications		
Rated Load Capacity	2500 kg	5,500 lb
Maximum Lift Height	5.6 m	18 ft 4 in
Maximum Forward Reach	3.25 m	10 ft 10 in
Top Travel Speed	26 kph	16 mph
Capacity at Max Height	2000 kg	4,400 lb
Capacity at Max Reach	839 kg	1,850 lb
Turning Radius over Tires	3200 mm	126 in
Hydraulic System — Implement		
Gear Pump	Single-section	l
Auxiliary Circuit Operating Pressure	24 821 kPa	3,600 psi
Auxiliary Hydraulic Flow at Boom Head	20 gpm	
<ul> <li>Auxiliary Hydraulic Circuit used for al with cylinders or other hydraulic com controls, and hydraulic lines.</li> </ul>		
Service Refill Capacities		
Fuel Tank	106 L	24 gal

64 L

Tires		
Standard	12.00 x 16.5	
Optional	14.00 x 17.5	
Transmission		

Transmission	Hydrostatic
Forward	Variable Speed
Reverse	Variable Speed

## **Boom Performance**

Boom Up	6.2 Seconds	
Boom Down	4.3 Seconds	
Tele In	3.4 Seconds	
Tele Out	6.3 Seconds	
Drawbar Pull (Loaded)	3946 kg	8,700 lb

## Axles

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

#### **Brakes**

- Service Brakes are inboard wet disc brakes on front axles.
- Parking Brakes are wet disc spring-applied hydraulic release. Light on dash indicates when brake is on.

#### 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.

W	ork	Тоо	ls

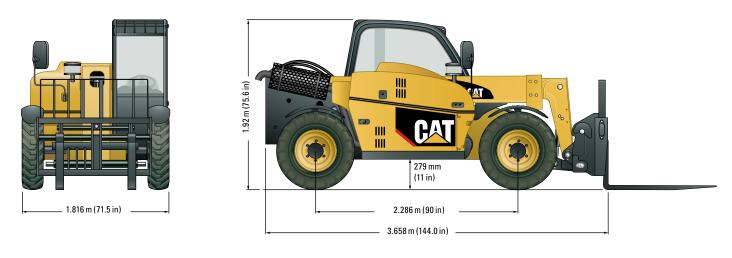
Hydraulic System

Work loois		
Standard Tilt Carriage	1219 mm	48 in
Side Tilt (Rotate) Carriage	1219 mm	48 in
Pallet Forks	(2) 1219 mm, 51 mm x 102 mm	(2) 48 in, 2 in x 4 in
Lumber Forks	(2) 1524 mm, 38 mm x 152 mm	(2) 60 in, 1.5 in x 6 in
Cubing Forks	(2) 1219 mm, 51 mm x 51 mm	(2) 48 in, 2 in x 2 in
Light Material Bucket	1.7 cu yd	72 in (1.8 m)
General Purpose Bucket	1.0 cu yd	73 in (1.85 m)
Grapple Bucket	1.0 cu yd	72 in (1.8 m)
Crane Hook	2500 kg	5,500 lb
General Purpose Bucket Grapple Bucket	1.0 cu yd 1.0 cu yd	73 in (1.85 m) 72 in (1.8 m)

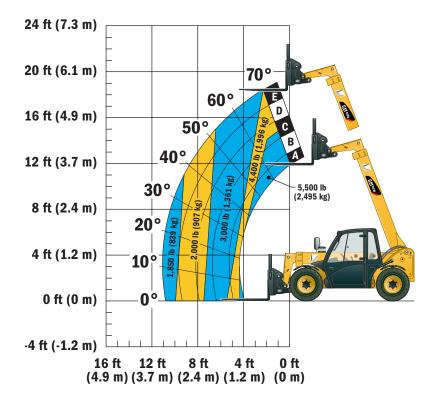
17 gal

#### 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.

