

# Cat® TH255

Telehandler

## Specifications

### Engine

| | | |
|---|---|---|
| Model | Cat® C4.4 Tier 3 DIT | |
| Rated Speed | 2,200 rpm | |
| Displacement | 4.4 L | 268.5 in³ |
| 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 | 3.3 m | 10 ft 10 in |
| Top Travel Speed | 29 kph | 18 mph |
| Gradeability w/ 2500 kg Load Capacity | 45% | 45% |
| Capacity at Max Height | 2000 kg | 4,400 lb |
| Capacity at Max Reach | 816 kg | 1,800 lb |
| Turning Radius over Tires | 3200 mm | 126 in |

### Hydraulic System—Implement

| | | |
|---|---|---|
| Gear Pump | Single-section | |
| Auxiliary Circuit Operating Pressure | 24821 kPa | 3,600 psi |
| Auxiliary Hydraulic Flow at Boom Head | 20 gpm | |

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

### Service Refill Capacities

| | | |
|---|---|---|
| Fuel Tank | 91 L | 24 gal |
| Hydraulic System | 98 L | 26 gal |

### Tires

| | |
|---|---|
| Standard | 12.00 x 16.5 |
| Optional | 14.00 x 17.5 |

### Transmission Speeds

| | |
|---|---|
| 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 axle.
- 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.

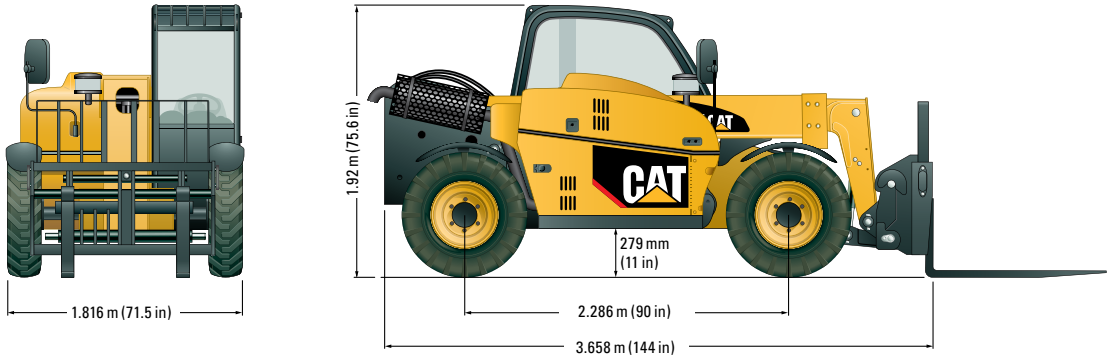
### Work Tools

| | | |
|---|---|---|
| Standard Tilt Carriage | 1219 mm | 48 in |
| Side Tilt (Rotate) Carriage | 1219 mm | 48 in |
| Side Shift 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 | 1.3 m³ (1.7 yd³) | 1.8 m (72 in) |
| General Purpose Bucket | .76 m³ (1.0 yd³) | 1.85 m (73 in) |
| Grapple Bucket | .76 m³ (1.0 yd³) | 1.8 m (72 in) |
| Lifting Hook | 2500 kg | 5,500 lb |

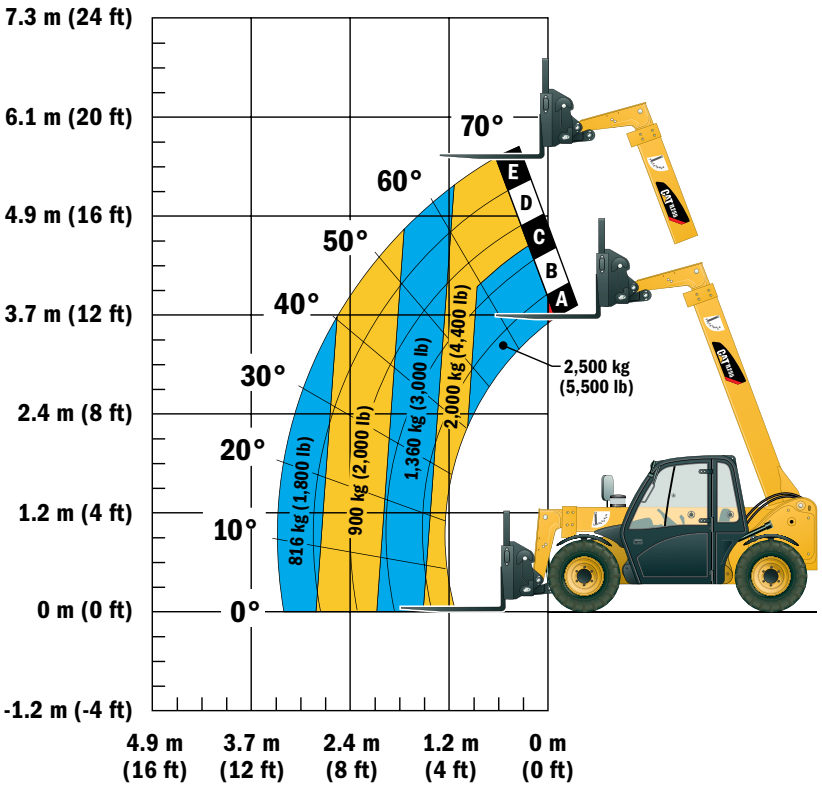
# TH255 Telehandler

## 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 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.*

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