

# TH215

Compact  
Telehandler



---

## Engine

Model	Cat <sup>®</sup> 3054B-DI	
Gross Power	63 kW	84 hp

---

## Weights

Operating Weight	5500 kg	12,100 lb
------------------	---------	-----------

---

## Operating Specifications

Rated Load Capacity	2500 kg	5,500 lb
Maximum Lift Height	5.5 m	18.1 ft

## Engine

Model	Cat 3054B-DI	
Gross Power	63 kW	84 hp
Net Power	60 kW	80 hp
Maximum Torque	300 N•m	221 lb ft
Bore	103 mm	4.05 in
Stroke	127 mm	5 in
Displacement	4.2 L	258 in <sup>3</sup>

- Ratings at 2300 rpm.

## Weights

Operating Weight	5500 kg	12,100 lb
------------------	---------	-----------

## Operating Specifications

Rated Load Capacity	2500 kg	5,500 lb
Maximum Lift Height	5.5 m	18.1 ft
Top Travel Speed	32 kph	20 mph
Maximum Forward Reach	3.1 m	10.2 ft
Outside Turning Radius	3.1 m	10.2 ft
Load at Maximum Height	2200 kg	4,850 lb
Load at Maximum Reach	1000 kg	2,200 lb

## Tires

Standard	12.5-20 MPT (rear hydrofill) Goodyear	
----------	--	--

## Hydraulic System

Maximum System Pressure	240 bar	3,480 psi
Maximum Pump Flow	80 L/min	21.1 gal/min
Maximum Pressure	240 bar	3,480 psi
Pump Type	Gear	
Maximum Auxiliary Pressure	240 bar	3,480 psi
Auxiliary Flow at Boom Head	80 L/min	21.1 gal/min

## Service Refill Capacities

Fuel Tank	85 L	22.5 gal
Hydraulic Tank	55 L	14.5 gal
Hydraulic System	77 L	20.3 gal

## Hydrostatic Transmission

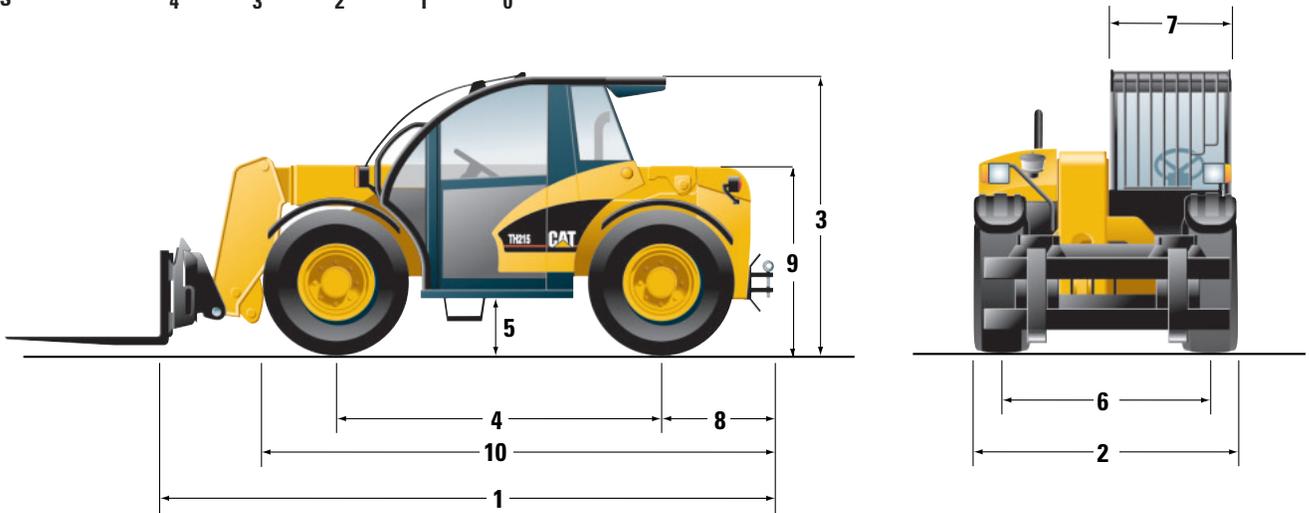
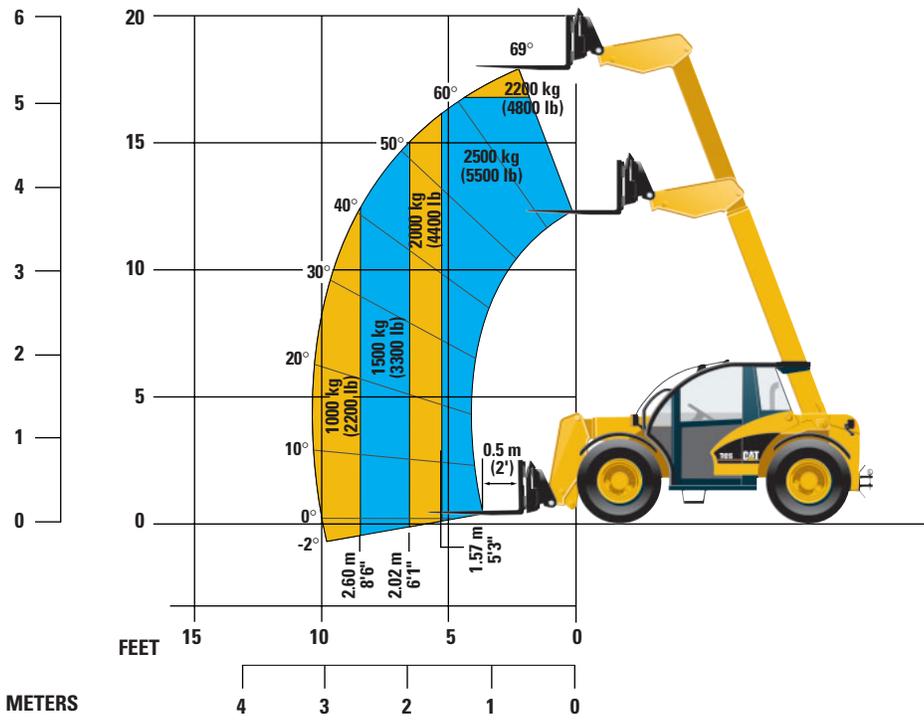
Number of Speed Ranges (forward/reverse)	2	
Maximum Travel Speed		
Range 1	8 kph	5 mph
Range 2	32 kph	20 mph
Number of Power Modes	2	

## Boom Performance

Boom Up	6 Seconds	
Boom Down	4.5 Seconds	
Tele In	4.3 Seconds	
Tele Out	5.7 Seconds	
Crowd Forward (dump)	2.2 Seconds	
Crowd Backward	2.7 Seconds	
Combined - Up & Out	13 Seconds	
Combined - Down & In	8.5 Seconds	

# Load Charts and Dimensions

All dimensions are approximate.



<b>1</b>	Length to Carriage	4200 mm	13 ft 9 in
<b>2</b>	Width	1900 mm	6 ft 3 in
<b>3</b>	Height	2130 mm	7 ft
<b>4</b>	Wheelbase	2300 mm	7 ft 6 in
<b>5</b>	Ground Clearance	400 mm	1 ft 4 in

<b>6</b>	Track	1564 mm	5 ft 2 in
<b>7</b>	Cab Width	845 mm	2 ft 9 in
<b>8</b>	Rear Overhang	800 mm	2 ft 7 in
<b>9</b>	Rear Boom Height	1345 mm	4 ft 6 in
<b>10</b>	Length to Front of Tire	3700 mm	12 ft 2 in

## Standard Equipment

*Standard equipment may vary. Consult your Caterpillar dealer for specifics.*

### POWER TRAIN

- Cat 3054B-DI diesel engine
- Dual element air cleaner with filter condition indicator
- Thermal starting aid
- Water separator
- Hydrostatic transmission
- Column mounted control for transmission direction
- Spin-on engine and transmission oil filters
- Planetary drive axles with full-time mechanical four wheel drive
- Limited slip differential in front axle
- Steer cylinder protected above axles
- Three steering modes: circle, crab and two-wheel front steer
- Enclosed oil disc brakes on front axle
- Power assisted, hydraulic brake system
- Foot pedal operated parking brake

### HYDRAULICS

- Joystick boom control
- 5 micron spin-on hydraulic filter
- O-ring seal fittings
- Front auxiliary hydraulic supply

### ANTIFREEZE

- Extended life antifreeze  $-37^{\circ}\text{C}$  ( $-34^{\circ}\text{F}$ )

### TELESCOPIC BOOM

- 2 section boom with non-metallic wear pads
- Lock valves on hydraulic cylinders
- Manual coupler
- Coupler tilt angle maintained automatically throughout boom range

### ELECTRICAL

- 12-volt electrical start
- 65 ampere alternator
- 750 CCA maintenance-free battery with battery disconnect switch
- Anti-restart key switch
- Horn

### OPERATOR ENVIRONMENT

- FOPS/ROPS certified cab
- Low step and grab bars for easy entry
- 2 piece entry door
- Cab isolated on rubber mounts
- Power steering
- Illuminated gauges for engine temperature, transmission oil temperature and fuel level
- Warning light for alternator output and engine oil pressure
- Tachometer
- Rear window wiper
- Cab worklights
- Right-side rear view mirror
- Service hour meter
- Floor mat

### OTHER STANDARD EQUIPMENT

- Integral lift and tie-down points
- Fenders on all tires
- Pin on retrieval hitch
- Radiator dust screen

## Optional Equipment

*Optional equipment may vary. Please consult your Caterpillar Dealer.*

### OPERATOR ENVIRONMENT

- Additional left hand mirror
- Guard, front screen

### ANTIFREEZE

- Antifreeze,  $-50^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$ )

### WORK TOOLS

- Carriage 1400 mm (55 in)
- Pallet Fork 1067 mm (42 in) Class II
- Pallet Fork 1120 mm (44 in) Class II
- Pallet Fork 1220 mm (48 in) Class II
- Bucket, Light Material  $2.0\text{ m}^3$  ( $2.6\text{ yd}^3$ )
- Bucket, General Purpose  $0.75\text{ m}^3$  ( $0.98\text{ yd}^3$ )

### TIRES, RIMS AND WHEELS

- Michelin 335/80 R20 agricultural tread with rear hydrofill
- Michelin 375/75 R20 agricultural tread with rear hydrofill

### AIR INTAKE

- Cap, pre-cleaner

### ELECTRICAL

- Boom lights
- Roading lights, includes: single beam headlights, front and rear running lights and turn signal, stop and tail lights, reversing light, rear fog light.
- Beacon, magnetic mount

### OTHER ATTACHMENTS

- Air conditioning
- Reversing fan
- Rear hydraulic services
- French and Spanish service instructions