

# PRODUCT SPECIFICATIONS FOR TH255C



Engine Model	TD 2.9L L4*
Gross Power	74 HP
Displacement	177 in <sup>3</sup>
Maximum Torque - 1,800 rpm	193 lb/ft
Note	*Emits equivalent to U.S. EPA Tier 4 Interim
Operating Weight - With Carriage and Forks	11000 lb
Rated Load Capacity	5500 lb
Maximum Lift Height	18.37 ft
Standard	12.00 × 16.5
Optional	14.00 × 17.5; 10.5 × 18; 33 × 12-20 non-marking
Fuel Tank	24 gal (US)
Hydraulic System	24 gal (US)
Boom Up	6.8 s
Boom Down	4.6 s

<b>Tele In</b>	3.8 s
<b>Tele Out</b>	6.7 s
<b>Bucket Dump</b>	2.5 s
<b>Drawbar Pull - Loaded</b>	8700 lb
<b>Bucket Crowd</b>	2 s
<b>Parking Brakes</b>	Wet disc spring-applied hydraulic release
<b>Service Brakes</b>	Inboard wet disc brakes on front axle
<b>Feature</b>	Light on dash indicates when brake is on.
<b>Types (1)</b>	Planetary on front and rear axles.
<b>Types (2)</b>	High bias limited slip differential on front axle.
<b>Forward</b>	Variable Speed
<b>Transmission</b>	Hydrostatic
<b>Reverse</b>	Variable Speed
<b>Types (1)</b>	Indicators for machine hours, fuel-level, steer mode, steering pressure, battery charge, coolant temperature, parking brake and engine pre-heat.
<b>Types (3)</b>	Panel and switches are illuminated for night operation.

Types (2)	Reverse motion alarm.
Maximum Auxiliary Flow	19 gal/min
Note	Auxiliary Hydraulic Circuit used for all attachments equipped with cylinders or other hydraulic components. Consists of valves, controls, and hydraulic lines.
Maximum System Pressure	3500 psi
Pump Type	Gear pump
Capacity at Maximum Height	4400 lb
Maximum Forward Reach	10.83 ft
Turning Radius - Over Tires - 14 × 17.5 Tires	125 in
Top Travel Speed - 12 × 16.5 Tires	15 mile/h
Capacity at Maximum Reach	1850 lb
Rated Load Capacity	5500 lb
Maximum Lift Height	18.37 ft
Turning Radius - Over Tires - 12 × 16.5 Tires	127 in
Top Travel Speed - 14 × 17.5 Tires	17 mile/h
Capacity at Maximum Height	3000 lb

<b>Maximum Lift Height</b>	18.3/ ft
<b>Maximum Forward Reach</b>	10.83 ft
<b>Turning Radius - Over Tires - 14 × 17.5 Tires</b>	125 in
<b>Top Travel Speed - 12 × 16.5 Tires</b>	15 mile/h
<b>Top Travel Speed - 14 × 17.5 Tires</b>	17 mile/h
<b>Rated Load Capacity</b>	5500 lb
<b>Turning Radius - Over Tires - 12 × 16.5 Tires</b>	127 in
<b>Capacity at Maximum Reach</b>	1700 lb

## **TH255C STANDARD EQUIPMENT**

### **CAB ROPS AND FOPS**

Canopy, Fixed Steering Column  
Sunscreen

Mechanical Suspension Seat with Seat Belt  
Mechanical Parking Brake

### **ELECTRICAL**

1 × 12V 1,000 CCA Battery  
Reverse Alarm

### **OTHER EQUIPMENT**

Boom Brushes  
Single Auxiliary Service to Boom Head

### **TIRES**

Mitas 12 × 16.5, Pneumatic

### **QUICK COUPLERS**

Manual Quick Coupler

Note: Standard Coupler or Universal Quick Coupler options are available, and must be selected, please consult your Cat dealer for details.

## **TH255C OPTIONAL EQUIPMENT**

### **CAB ROPS AND FOPS**

Canopy, Tilt Steering Column  
Cab Enclosed with Heat  
Cab Enclosed with Heat and Air Conditioning  
Screen Guard  
Roof Guard  
Heater/De-mister  
Air Conditioning  
Seatbelt, 76 mm (3 in)  
Column Mounted FNR Lever  
Front, Rear, and Roof Wipers

### **ELECTRICAL**

Block Heater 110 Volt  
Work Lights, 4 × Cab Mounted (2 front, 2 rear) 2 × Boom Mounted  
Product Link™ Ready, Version 641  
Seven (7) Pin Trailer Service  
Rotating Beacon  
Radio Ready  
Battery Disconnect

### **OTHER EQUIPMENT**

Auxiliary Service to Rear  
Rear Hitch Mirror, Flat  
Rear Hitch Mirror, Convex  
Tool Box  
Boom Safety Brace  
Wheel Chocks

Remote Grease System

### **TIRES**

14 × 17.5, Pneumatic  
12 × 16.5, Foam  
14 × 17.5, Foam  
10.5-18, Pneumatic  
22 × 22 Solid Non-Marking

35 H 22, Solid Non-Marking

## **TOW HITCHES**

Retrieval Hitch

Manual Hitch

Automatic Adjustable Hitch

## **QUICK COUPLERS**

Hydraulic Quick Coupler

Note: Standard Coupler or Universal Quick Coupler options are available, and must be selected, please consult your Cat dealer for details.

## **WORK TOOLS**

Floating Fork Carriage

Side Shift Carriage

Side Tilt/Rotate Carriage

0.36 m<sup>3</sup> (0.48 yd<sup>3</sup>) Multi Purpose Bucket

0.76 m<sup>3</sup> (1.0 yd<sup>3</sup>) General Purpose Bucket

0.76 m<sup>3</sup> (1.0 yd<sup>3</sup>) Grapple Bucket

1.0 m<sup>3</sup> (1.3 yd<sup>3</sup>) Multi Purpose Bucket

1.5 m<sup>3</sup> (1.95 yd<sup>3</sup>) Light Material Bucket

1225 mm (48 in) Bale Fork

Grapple Bucket

Muck Fork and Grapple

Material Handling Arm for Universal Quick Coupler

