

PRODUCT SPECIFICATIONS FOR TL1255D

ENGINE

| | |
|----------------------------|--|
| Engine Model | Cat® C4.4 ACERT™* |
| Gross Power - Basic | 142.1 HP |
| Note | *Meets U.S. EPA Tier 4 Final emission standards. |

WEIGHTS

| | |
|-------------------------|----------|
| Operating Weight | 34361 lb |
|-------------------------|----------|

OPERATING SPECIFICATIONS

| | |
|--|-------------|
| Rated Load Capacity | 12000 lb |
| Maximum Lift Height | 54.6 ft |
| Maximum Forward Reach | 42 ft |
| Top Travel Speed | 20.5 mile/h |
| Capacity at Maximum Reach (o/r Down) | 3500 lb |
| Turning Radius - Over Tires | 14 ft |
| Maximum Lift Height (o/r Down) | 54.6 ft |
| Frame Leveling | 10° |
| Capacity at Maximum Height (o/r Down) | 5000 lb |
| Drawbar Pull - Loaded | 25605 lb |

TIRES

| | |
|-----------------|---------------------|
| Standard | 400/75-28 Duraforce |
|-----------------|---------------------|

Optional

400/75-28 Foam Filled; 14.00-24 Solid; 17.5 × 25
16PR; 17.5 × 25 12PR Foam Filled

HYDRAULIC SYSTEM

Pump Type

Variable displacement load sensing axial piston
pump

Note

Auxiliary Hydraulic Circuit used for all attachments
equipped with cylinders or other hydraulic
components.

Auxiliary Hydraulic Flow

25 gal/min

System Operating Pressure

3771 psi

Auxiliary Hydraulic Pressure

3307 psi

SERVICE REFILL CAPACITIES

Fuel Tank

38 gal (US)

Diesel Exhaust Fluid (DEF) Tank

5.7 gal (US)

Hydraulic System

50 gal (US)

BOOM PERFORMANCE

Boom Up

16.7 s

Boom Down

14.4 s

Tele In

16.3 s

Tele Out

18.5 s

BRAKES

Service Brakes

Inboard wet disc brakes on front and rear axles

Service BrakesInboard wet disc brakes on front and rear axles

Parking BrakesWet disc, spring applied hydraulic release on front axle

AXLES

Types (1)Trunnion mounted planetary 55 degree steer axles.

Types (2)High bias limited slip differential on front axle.

TRANSMISSION SPEEDS

Forward4 speed

Reverse3 speed

WORK TOOLS

Carriages - Wide Tilt72 in

Carriages - Side Shift48 in

Carriages - Dual Positioning50 in

Carriages - Standard Rotate50 in

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

Carriages - Swing (2)180°, 1824 mm, 5443 kg (180°, 72 in, 12,000 lb)

Hydraulic IT CouplerIncludes Auxiliary Electrics

Carriages - Wide Rotate72 in

Carriages - Standard Tilt50 in

Fork Extensions*90 in

Cubing Forks[2] 1220 mm, 50 mm × 50 mm ([2] 48 in, 2 in × 2 in)

Pallet Forks - Option 2[2] 1220 mm, 60 mm × 125 mm ([2] 48 in, 2.36 in × 5 in)

Pallet Forks - Option 1

[2] 1525 mm, 60 mm × 150 mm ([2] 60 in, 2.36 in × 6 in)

Carriages - Swing (1)

100°, 1829 mm, 4536 kg Capacity, 2268 kg Swung
(100°, 72 in, 10,000 lb Capacity, 5,000 lb Swung)

Lumber Forks

[2] 1829 mm, 50 mm × 150 mm ([2] 72 in, 2 in × 6 in)
