Engine
Model* Cat® C4.4 ACERT™
Gross Power (Basic) 106 kW 142.1 hp
*Meets U.S. EPA Tier 4 Final emission standards.

Weight
Operating Weight 14 460 kg 31,879 lb

Operating Specifications
Rated Load Capacity 4536 kg 10,000 lb
Maximum Lift Height (o/r Down) 16.7 m 54.9 ft
Maximum Forward Reach 12.8 m 42 ft
Frame Leveling 10°
Top Travel Speed 33 km/h 20.5 mph
Capacity at Maximum Height (o/r Down) 2268 kg 5,000 lb
Capacity at Maximum Reach (o/r Down) 1134 kg 2,500 lb
Turning Radius over Tires 4.3 m 14.1 ft
Drawbar Pull (Loaded) 113.9 kN 25,605 lbf

Hydraulic System
Variable displacement load sensing axial piston pump
System Operating Pressure 260 bar 3,771 psi
Auxiliary Hydraulic Pressure 228 bar 3,307 psi
Auxiliary Hydraulic Flow 95 L/min 25 gal/min
• Auxiliary Hydraulic Circuit used for all attachments equipped with cylinders or other hydraulic components.

Service Refill Capacities
Fuel Tank 145 L 38 gal
Diesel Exhaust Fluid (DEF) Tank 21.5 L 5.7 gal
Hydraulic System 185 L 49 gal

Tires
Standard 400/75-28 Duraforce
Optional 400/75-28 Foam Filled
14.00-24 Solid 14.00 × 24 16PR 14.00 × 24 12PR Foam Filled

Transmission Speeds
Forward 4 speed
Reverse 3 speed

Boom Performance
Boom Up 15.0 Seconds
Boom Down 13.0 Seconds
Tele In 16.3 Seconds
Tele Out 18.5 Seconds

Axles
• Trunnion mounted planetary 55 degree steer axles.
• High bias limited slip differential on front axle.

Brakes
• Service Brakes are inboard wet disc brakes on front and rear axles.
• Parking Brakes are wet disc, spring applied hydraulic release on front axle.

Work Tools
Hydraulic System
IT Coupler Includes Auxiliary Electrics Includes
Pallet Forks (2) 1525 mm, (2) 1220 mm, 60 mm × 150 mm 60 mm × 100 mm
(2) 1220 mm, 60 mm × 150 mm
(2) 1220 mm, 60 mm × 100 mm
Lumber Forks (2) 1525 mm, (2) 1829 mm, 45 mm × 180 mm 45 mm × 150 mm
(2) 1829 mm, 45 mm × 180 mm
(2) 1829 mm, 45 mm × 150 mm
Fork Extensions* 2300 mm 90 in
Cubing Forks (2) 1220 mm, (2) 1220 mm, 50 mm × 50 mm 50 mm × 50 mm
(2) 48 in, 2 in × 2 in
Carriages:
Standard Tilt 1270 mm 50 in
Wide Tilt 1829 mm 72 in
Side Shift 1220 mm 48 in
Standard Rotate 1270 mm 50 in
Wide Rotate 1829 mm 72 in
Swing 100°, 1829 mm, 4536 kg Capacity, 2268 kg Swung
Dual Positioning 1270 mm 100°, 72 in, 10,000 lb Capacity, 5,000 lb Swung
50 in

*For use with 1829 mm (72 in) Lumber Forks.
TL1055D 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 approved attachments with proper material handler model/attachment load capacity charts displayed in the operator’s cab. U.S. OSHA requires all rough terrain forklift operators be trained according to U.S. 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 B56.6-2011 as originally manufactured for intended applications.