

Product Specifications For TL1255



Engine

Engine Model	Cat® C3.6L*
Gross Power - Basic	134 hp
Note	*Meets U.S. EPA Tier 4 Final emission standards.

Operating Specifications

Rated Load Capacity	12000 lb
Maximum Lift Height	54.9 ft
Maximum Forward Reach	42 ft
Top Travel Speed	21 mile/h
Maximum Lift Height (o/r Down)	54.9 ft
Drawbar Pull - Loaded	26510 lb
Turning Radius - Over Tires	14.1 ft
Capacity at Maximum Height (o/r Down)	5000 lb
Capacity at Maximum Reach (o/r Down)	3500 lb
Frame Leveling	10°
Operating Weight	34182 lb
Maximum Rated Load Capacity	12000 lb

Hydraulic System

Pump Type Variable displacement load sensing axial piston pump

Auxiliary Hydraulic Flow 25 gal/min

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)

Axles

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

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

Braking System

Parking Brakes Wet disc, spring applied hydraulic release on front axle

Service Brakes Inboard wet disc brakes on front and rear axles

Transmission Speeds

Forward 4 Speeds

Reverse 3 Speeds

Tires

Standard 400/75-28 Duraforce Air

Optional 400/75-28 Duraforce Foam; 360/85-28 Telemaster Solid; 17.5 × 25 16PR Air; 17.5 × 25 12PR Foam; 400/75-28 Non-Marking Air; 400/75-28 Non-Marking Foam

Boom Performance

Boom Up	17 s
Boom Down	14.4 s
Tele In	15.3 s
Tele Out	19.7 s

Optional Work Tool Attachments

Carriages: Standard Tilt - Option 1	50 in
Truss with Winch - Option 1	3 ft
Carriages: Swing, 100°	72 in
Carriages: Dual Hydraulic Fork Positioner - Option 2	72 in
Carriages: Dual Hydraulic Fork Positioner - Option 1	50 in
Buckets: General Purpose - Option 1	1.3 yd ³
Truss Booms - Option 1	12 ft
Carriages: Standard Tilt - Option 3	72 in
Buckets: Multi Purpose	1.3 yd ³
Forks: Pallet - Option 2	60 in
Note	*For use with 1525 mm (60 in) forks or larger
Buckets: General Purpose - Option 2	2 yd ³
Fork Extensions*	90 in

Forks: Pallet - Option 1	48 in
Coupler	Hydraulic IT Coupler (Includes Auxiliary Electronics)
Material Handling Arm	Adjustable 2-4 m (Adjustable 6.7-13.2 ft)
Forks: Pallet - Option 3	72 in
Carriages: Side Tilt - Option 2	72 in
Forks: Block/Cubing	48 in
Truss with Winch - Option 2	12 ft
Fork Mounted - Hook	Lifting Hook
Carriages: Side Shift	48 in
Truss Booms - Option 2	15 ft
Buckets: Grapple	1.7 yd ³
Fork Mounted - Hopper	Trash Hopper
Carriages: Side Tilt - Option 1	50 in
Carriages: Standard Tilt - Option 2	60 in
Fork Mounted - Truss Boom	Adjustable 2.1-3.6 m (Adjustable 7-12 ft)
Fork Mounted - Work Platform	1220 mm × 2438 mm (4 ft × 8 ft)

TL1255 Standard Equipment

TELESCOPIC BOOM

Boom angle indicator

ELECTRICAL

Alternator, 60 amp, 12 volt

Battery, 12 volt, 1000 CCA

Horn

Alarm, backup

OPERATOR STATION

Canopy, ROPS/FOPS

Joystick, single electronic

Adjustable joystick wristrest

Grab bars for easy entry

Seat - vinyl, suspension with Cat logo

Steering wheel spinner knob

Floor mat - heavy duty

Left side rear view mirror

Service door, cab air intake filter, fuel fill, hydraulic fill, level indicator, fuse panel and washer fill

Instruments - volt meter, hourmeter, engine oil pressure gauge, water temperature gauge. All gauges protected by clear acrylic cover.

Park Brake with indicator light

Steering Wheel with Cat logo

Cat keys and locks

Brakes - wet disc service

Belt, seat - 3" wide

POWER TRAIN

Engine, Cat C3.6L - 100 kW (134 hp) gross horsepower

Thermal starting aid

Transmission, Cat PG145 6 speed Power-shift, 4-speed forward, 3-speed reverse

Cat filters, hoses and couplings

Axles - Dana

Steering - 4 wheel

Drive - 4 wheel

STRUCTURE

Chassis, frame level up to 10 degrees when operating in rough, uneven terrain

Cat IT Coupler

ANTI-FREEZE

Coolant - Anti-freeze, 50/50 Mix

TIRES

Tires - 370/75-28 Duraforce Air

OTHER EQUIPMENT

Integrated lift and tie down points

Standard Cat color paint

Auxillary hydraulics for auxillary attachments (one function)

TL1255 Optional Equipment

TELESCOPIC BOOM

Hydraulic IT Coupler (includes Auxiliary Electrics)

ELECTRICAL

Work Light Group: 3 Cab mounted Lights -- 2 forward, 1 rearward; 1 reversing light; 2 Boom mounted Lights, 1 rotating beacon

Engine heater block

Heater - open cab

Road Light Group -- Headlights, Brake Lights, Turn Signals

OPERATOR STATION

Air conditioning

Single Joystick - with Rocker Switch

EROPS - Cab Enclosure (Door, Safety Glass Windows, Front Windshield Wiper, Heater & Defroster Fan)

Skylight Wiper

Brick guard - Front and top.

TIRES

Tires - 370/75-28 Duraforce Foam Fill

Tires - 315/95-28 Telemaster Solid

Tire - 14.00-24 16PR Air

Tire - 14.00-24 12 PR Foam

Tires - 370/75-28 Non-Marking Air

OTHER EQUIPMENT

Fenders

Tow Hook - Pintle Type

Artic package - Package includes: 2400 AMP starter, 1000 watt hydraulic reservoir heater, 500 watt engine oil-pan heater, Dual maintenance free, 1375 CCA gel cell batteries, 160 watt battery heating blanket, 1000 watt engine block heater

WORK TOOLS

Carriage - side shift, 50 in. (available from factory)

Lifting Hook - fork mounted (available from factory)

Truss Broom

Carriage - standard tilt, 50 in. (available from factory)

Carriage - standard rotate, 50 in. (available from factory)

Carriage - swing, 72 in., 100 degrees, 9,000 lb. capacity, 5,000 lb. swung (available from factory)

Pallet Forks - two 60 in, 2 in x 6 in, 9,000 lb. capacity per pair (available from factory)

Pallet Forks - two 48 in, 2.36 in x 4 in, 9,000 lb. capacity per pair (available from factory)

Cubing Forks - two 48 in, 2 in x 2 in, 3,800 lb. capacity per pair (available from factory)

Bucket - General Purpose 1.3 Cu. Yd.

Bucket - Material Handling 1.95 Cu. Yd.

Bucket - Multi-Purpose, 1.3 Cu. Yd.

Work Platform -- 8 ft x 4 ft with maximum capacity of 1,000 lbs. Includes enclosed fork pockets, side entry/exit gate, removable front rail and wire mesh floor