

Product Specifications For TL943 W/Stabilizers



Engine

Engine Model	Cat® C3.6L
Gross Power - Basic	73.7 hp
Gross Power - Premium	111 hp
Note	*Meets U.S. EPA Tier 4 Final emission standards.

Weights

Operating Weight	26852 lb
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Operating Specifications

Rated Load Capacity	9000 lb
Maximum Lift Height	43 ft
Load at Maximum Height - Stabilizers Down	7000 lb
Maximum Forward Reach	31 ft
Load at Maximum Reach - Stabilizers Down	2700 lb
Top Travel Speed	18 mile/h

Dimensions

Height	8.16 ft
Width	8 ft
Wheel Base	11.25 ft
Length - Fork Face	20.5 ft
Ground Clearance	17 in
Turning Radius - Over Tires	12 ft

Tires

Standard	370/75-28 Duraforce Air
Optional (1)	370/75-28 Duraforce Foam Fill
Optional (2)	315/95-28 Telemaster Solid
Optional (3)	14.00-24 16PR Air
Optional (4)	14.00-24 12PR Foam
Optional (5)	370/75-28 Non-Marking Air
Optional	370/75-28 Non-Marking Foam

Service Refill Capacities

Fuel Tank	38 gal (US)
Hydraulic Tank	49 gal (US)

Boom Performance

Boom Up	9.9 s
Boom Down	8.5 s
Tele In	14.6 s
Tele Out	14.5 s
Drawbar Pull - Basic	22619 lb
Drawbar Pull - Premium	25589 lb

Braking System

Parking Brake	Spring-applied hydraulic release on front axle
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Brakes

Features	Service Brakes - inboard wet disc brakes on front and rear axles; Parking Brakes- spring-applied hydraulic release on front axle
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Operator Station

Features	Vinyl suspension seat, single electronic joystick, spacious interior, ergonomic cab
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Instrumentation

Features	Volt meter, hourmeter, engine oil pressure gauge, fuel gauge, water temperature gauge
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Work Tools

Pallet Forks - Option 2	[2] 1220 mm, 60 mm × 100 mm ([2] 48 in, 2.36 in × 4 in)
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Cubing Forks	[2] 1220 mm, 50 mm × 50 mm ([2] 48 in, 2 in × 2 in)
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Pallet Forks - Option 1	[2] 1220 mm, 60 mm × 125 mm ([2] 48 in, 2.36 in × 5 in)
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Carriages - Dual Fork Positioning	50 in
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Carriages - Swing	100°, 1829 mm, 2948 kg Capacity, 2268 kg Swung (100°, 72 in, 6,500 lb Capacity, 5,000 lb Swung)
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Carriages - Side Shift	50 in
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Lumber Forks - Option 1	[2] 1525 mm, 45 mm × 180 mm ([2] 60 in, 1.75 in × 7 in)
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Carriages - Standard Tilt	50 in
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Pallet Forks - Option 3	[2] 1829 mm, 60 mm × 150 mm ([2] 72 in, 2.36 in × 6 in)
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TL943 W/Stabilizers 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

Low step, 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 - 55kW (73.7 hp) or 83kW (111hp) 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)

TL943 W/Stabilizers 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, 48 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