



VEHICLE OVERVIEW

MELISSA HARTMANN

APRIL 8, 2021

MT 900 MODEL 48V HD

The industry's most powerful workhorse.

This powerhouse tows a massive 200,000-lb. load and brakes on a dime. Nothing matches it in the industry. It's also remarkably maneuverable, thanks to its short turning radius, smooth power steering, and dual planetary wheel drive with parallel controls to prevent spinning and lateral sliding. 2 x 15 hp fan-cooled motors delivers higher output at lower speeds; the oversized industrial batteries and electric regenerative braking ensure safer stopping and longer running times. E-type clevis hitch with inching button.



Tow Tractors

Other Models : 48V

 PASSENGERS
1

 LOAD CAPACITY
400 lbs

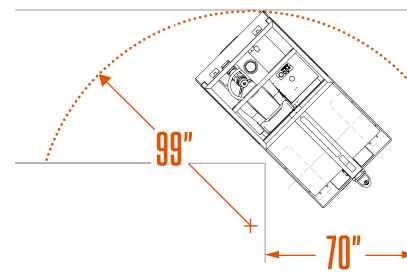
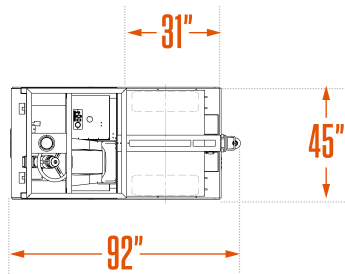
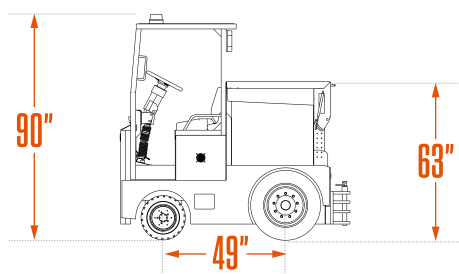
 TOWING CAPACITY
200,000 lbs

 SPEED MPH
2.5 mph

 TURNING RADIUS
99"

FEATURES

- Safe and efficient inching control buttons
- Silent and effortless electric power steering
- Robust long-life industrial batteries
- Built-to-last all-steel unibody construction
- Heavy-duty powder paint & protection



Dimensions

VEHICLE

Height	90"	2,286 mm
Length	92"	2,337 mm
Width	45"	1,143 mm
Wheel Base	49"	1,245 mm
Ground Clearance	n/a	n/a

DECK

Height	n/a	n/a
Width	n/a	n/a
Length	n/a	n/a

UNIT WEIGHT

With Batteries	11,000 lbs	4,990 kg
Without Batteries	6,000 lbs	2,722 kg

BATTERIES

Height	31,5	31,5
Length	34"	864 mm
Width	42"	1,067 mm
Weight - Min	4,000 lbs	1,814 kg
Weight - Max	5,000 lbs	2,268 kg

Performances

VEHICLE

Passengers	1	
Load Capacity	400 lbs	181 kg
Tow Capacity	200,000 lbs	90,718 kg
Drawbar Pull - Normal	4,000 lbs	17,793 N
Drawbar Pull - Ultimate	7,500 lbs	33,362 N
Speed MPH	2.5 mph	4 km/h
Turning Radius	99"	2,515 mm

Specifications

POWERTRAIN

Motor	2 x 15 hp shunt motors
Controller	Dual 400A SEPEX controllers
Drive Axle	Dual planetary wheel drives with manual disengage
Brakes	Electric regenerative braking, spring applied parking brake with electric release
Wheels	Solid rubber wheels
Transmission	Direct drive, helical gears accelerator/brake pedal, inching controls on rear
Suspension	Front and rear rigid axles
Starter	n/a
Clutch	n/a
Engine	n/a

ENERGY

Voltage	48 Volt
Battery	No battery included
Charger	No charger Included
Alternator	n/a
Fuel	n/a

CHASSIS

Body	n/a
Color	Security orange or federal yellow
Lights	LED dual headlights & tail/brake lights with protective top

OPERATOR COMPARTMENT

Steering	Power Steering, Tilt-Telescopic Steering Column
Seats	One Adjustable Grammer Seat
Indicators	Digital battery status indicator
Safety	Deadman seat switch, reverse alarm, horn
Accessories	48V/12V converter, E-Type clevis hitch, horn

Standards

Conforms to requirements for type E, UL 583, ANSI B56.9



Vehicle shown may have optional accessories and is provided for illustrative purposes only.

Specifications and standard equipment are subject to change without notice.

POPULAR OPTIONS

GET THE IDEAL VEHICLE FOR THE JOB.

With unlimited configurations, we make customization quick, easy and affordable.

Cabs & Top Covers

364-041	Steel cab, doors, wiper, and rearview mirror
---------	--

Hitches

TBD.11	Hydraulic hitch, 1,000 lbs lifting capacity
--------	---

Safety Features

360-027	Cab mounted strobe light
360-023	Motion beeper

Seats

448N-049	Seat belt, retractable
----------	------------------------

The list above shows the most popular options for this vehicle. More options are available. To learn more about the MT - 900 - 48V HD options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.



Melissa Hartmann
Marketing Team

mhartmann@AtlasLift.com

Atlas Companies



www.motrec.com