

Made to Move!

WOLLARD
INTERNATIONAL

M100e Tow Tractor

12,000 lbs. (5,443 kg)
drawbar pull with clean
Lithium Technology
weighting only 8,000
lbs. (3,626 kg) GVW.



Proven design and reliability for ramp and industrial environments.

The M100e tractor is designed with a drawbar pull rating of 8,000 —12,000 lbs. (3,629—5,443 kg). It is an industry leader for airlines, cargo, and freight carriers. Built from the same building blocks as the M100 it has proven itself many times over on the ramp as well as in industrial applications requiring both durability and reliability.

The M100e transfers its power to the ground via a heavy-duty planetary reduction drive axle driving dual real wheels through an automatic transmission.

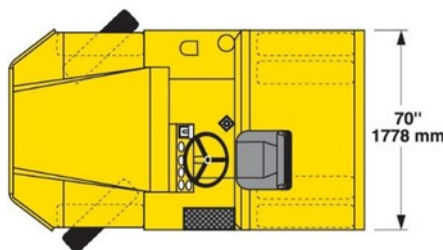
Customized configurations for every application are available.

Features:

- ⇒ 8,000—12,000 lbs. (3,629—5,443 kg) drawbar pull rating.
- ⇒ Powered by up to 85 kW Clean Lithium battery.
- ⇒ Power assisted four-wheel brakes
- ⇒ Front and rear spring suspension standard
- ⇒ Heavy-duty fixture welded steel frame
- ⇒ LED lighting
- ⇒ Safety
 - Back up alarm
 - Horn
 - Anti drive away system



Photos and illustrations may show optional equipment



Proven durability. Trusted performance.



Go to wollardintl.com for more.



M100e Tow Tractor

	IMPERIAL	METRIC		IMPERIAL	METRIC
Drawbar capacity options			Dimensions & Shipping Weight		
Model 100e	12,000 lbs.	5,443 kg	Length (excluding hitch)	124 in	315 cm
			Width	70 in	178 cm
			Height (without cab)	62.5 in	159 cm
			Height (with cab)	85.5 in	217 cm
Gross vehicle weight			Turn Radius	150 in	381 cm
Model 100e	8,000 lbs.	3,629 kg	Ground clearance	7 in	17.8 cm
			Speed (forward)*	11-20 mph	17-32 km/h
			Speed (reverse)	4-7 mph	6-11 km/h
			*Consult factory for speeds		

Drive System

Engine options

- Electric
- 350VAC motor with up to 85 kW Lithium battery pack

Cooling system

- Full size liquid cooled radiator, isolated from vibrations

Transmission

- Direct drive

Axles

- Front: Brierton heavy-duty
- Rear: Newage heavy-duty with secondary planetary reduction gear

Tires

- Front: 8.00 R 16.5
- Rear: LT215/75R-17.5

Systems

Chassis

- Heavy-duty fixture welded steel frame

Steering

- Power assisted

Braking

- Power assisted four-wheel vented disc
- Front: Vented disc
- Rear: Dual caliper disc
- Parking: Disc

Systems (cont.)

Suspension

- Front: Leaf Spring
- Rear: Leaf Spring

Instrumentation

- LED digital display with diagnostics (CAN J1939)
- Coolant temperature
- Battery gauge
- Vehicle hours

Lighting (LED)

- Headlights, low beam when ignition is on
- Taillights
- Brake
- Reverse
- Work light

Electrical

- 350V drive system with 12V supporting systems

Configurations

Standard

- Adjustable operator's seat with retractable seat belt
- Back up alarm
- Zinc rich primer and white polyurethane top coat or yellow
- 85 kW Lithium Battery
- Low gear lock in switch

Configurations (cont.)

Optional

- Overhead guard
- Front and rear hitches
- Enclosed operator's cab with heat and defrost Econo
- With or without heat and defrost
- Canvas doors
- Hitch view and or back up camera with LCD dash monitor
- Mirror kit(s):
 - Left and right side mirrors
 - Hitch Mirrors
- Operator seat safety presence switch
- LED turn signals
- LED amber beacon light
- Speedometer
- Master disconnect switch
- License plate bracket
- Fire extinguisher(s)
- Spare tire assemblies
- Heavy-duty winterization package to -40°F
- Passenger's seat with retractable seat belt
- Semi-suspension operator's seat
- Custom paint color
- Consult factory for additional specialized configurations