

Made to Move!

WOLLARD
INTERNATIONAL

M40e Tow Tractor/Utility Vehicle



Zero Emission Electric Power
with either Lead Acid or
Lithium Compatibility

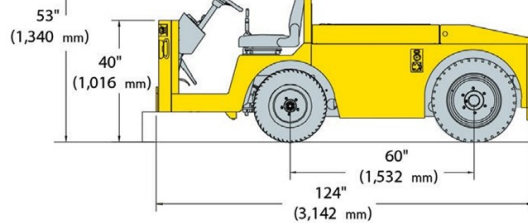
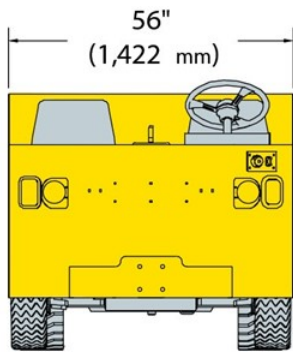
Zero Emission multi-purpose powerhouse.

The ideal tow tractor for baggage, light cargo, and small to medium aircraft. The model 40e has a 4,500 lbs. (2,040 kg) drawbar pull rating and zero emission electric power.

The rear deck design features a flat space with rail to provide cargo space. A rear camera with in cab display provides visibility to the rear coupler and with the forward cab also provides visibility for the front coupler. 80V powerpack with Curtis controllers, rated at 48 HP (peak) and 30 HP (continuous) with 221 ft.-lbs. of peak torque.

Features:

- ⇒ Zero emission electric power
- ⇒ 4,500 lbs. (2,040 kg) drawbar pull rating and torque multiplying planetary drive axle
- ⇒ 60 in wheelbase provides maneuverability on congested and busy ramps
- ⇒ Weatherproof electronic display
- ⇒ Operator visibility for both front and rear hitch
- ⇒ Safety
 - Drive automatically disabled while charging
 - Drive disabled and inching enabled when operator is out of the seat
 - Back up alarm
 - Horn



Photos and illustrations may show optional equipment

Proven durability. Trusted performance.



Go to wollardintl.com for more.



M40e Tow Tractor/Utility Vehicle

	IMPERIAL	METRIC		IMPERIAL	METRIC
Dimensions & Shipping Weight			Weights & Performance		
Length (excluding hitch)	124 in	3.14 m	Gross vehicle weight (less battery)	6,600 lbs.	2,994 kg
Width	56 in	1.4 m	Towing weight	45,000 lbs.	20,411 kg
Height to top of the steering wheel	53 in	1.3 m	Maximum drawbar pull	4,500 lbs.	2,041 kg
Height to top of the cab (optional)	76 in	1.9 m	Maximum governed speed	15 mph	24 kph
Wheel Base	60 in	1.5 m			
Ground clearance	5.9 in	15 cm			
Turn Radius (SAE)	115 in	2.92 m			

*Bed heights subject to change depending on engines and options selected

Drive System

Engine options

Electric
80V AC with Curtis Controller
Lead-Acid or Lithium Battery
Power (peak) 48 HP @ 600A
Power (continuous) 30 HP @ 375A
Torque (peak) 221 ft-lbs

Transmission

Direct drive

Axles

Front: Brierton
Rear: Newage 15.8:1 drive ratio

Tires

Front: 6.90 x 9 8 Ply
Rear: 225/75R16

Systems

Chassis

One piece welded steel frame

Steering

Electric

Braking

Front: Disc

Rear: Disc

Parking: Disc

Suspension

Front: Leaf Spring

Rear: Leaf Spring

Instrumentation

J1939 CAN bus protocol

Weatherproof electronic display

Battery state of charge gauge

Hour meter

Indicator lights

Parking brake engaged

Low brake pressure

Lighting (LED)

Headlights with high and low beam

Taillights

Brake

Reverse

Work light

Electrical

80V System

Configurations

Standard

Adjustable operator's seat with retractable seat belt

Passenger's seat with retractable seat belt

Back up alarm

Zinc rich primer and white polyurethane top coat

Front and rear hitches

Optional

Battery Management System for fast chargers

Onboard SAE J1772 compliant charger

Safety beacon

Overhead guard

Enclosed operator's cab with heat and defrost

Steel doors

Vinyl doors

Hitch view and or back up camera with LCD dash monitor

E-hitch

Fire extinguisher(s)

Preventive maintenance service kits

Custom paint color

Consult factory for additional specialized configurations

Note: Dimensions may change slightly with individual engine packages. Specifications subject to change without notice.