

MX4 AC Electric Baggage Tow Tractor

Stewart & Stevenson TUG began offering zero emissions electric powered baggage tractors over twenty years ago. The MX4 AC electric baggage tractor represents the latest in TUG's commitment to clean Ground Support Equipment (GSE).

Not only is the MX4 environmentally friendly, it is also user friendly. The MX4 has been designed with the operator and maintenance technician in mind. Its design provides excellent visibility and ergonomics combined with a low center of gravity, which results in less operator fatigue. The MX4 models feature the Ecostar AC drive system.

Compared to standard DC powered baggage tractors, AC drive systems offer the benefits of better electrical efficiency, allowing for longer operation between battery charging and lower maintenance time and cost. Drive motor brushes have been eliminated and the number of electrical contactors sharply reduced.

In addition to displaying the conventional battery discharge indicator and hour meter, the dash display of the MX4 serves as a diagnostic tool, allowing the technician to read faults and troubleshoot from the driver's seat. An enclosed cabin, rear inching controls and other options are also available.



Standard features include:

- Recessed headlights
- Back-up lights
- Seat belts
- Power steering
- Split braking systems
- Multiple function dash display with battery discharge indicator, hour meter and fault display
- Four wheel drive suspension
- Package rail

MODEL MX4 AC ELECTRIC

Specifications

Dimensions

Length excluding hitch.....117" (2972 mm)
Width.....57" (1448 mm)
Height less cab..... 49" (1245 mm)
Height with cab..... 71.5" (1816 mm)
Wheelbase..... 60" (1524 mm)
Ground clearance..... 5.5" (140 mm)
Turning radius..... 150" (3810 mm)

Weight and Drawbar

Model GVW (w battery) Drawbar Pull*

MX4-45.....7400 lb (3364 kg).....4500 lb (2041 kg)

Battery weight is approximately 3500 lb (1591 kg)

* At 0.8 traction coefficient +/- 3% variation on published drawbar pull and weight due to manufacturing tolerances

Speed

Maximum governed speed.....20 mph (32 km/h)

Drive System

Type.....80 V AC, Integrated motor/axle

Power Electronics....."Ecostar" 80 V

System Power (Peak).....40 hp (30 kW)

System Power (Continuous).....24 hp (18 kW)

Battery Compartment

Dimensions.....36" x 26 1/8"
(914.00 mm x 663.58 mm)

Battery

Powered by (1) 80 V battery

Battery **Not** included

Brakes

Service.....Split hydraulic

Front.....Dry disc brakes

Rear.....Wet disc brakes

Parking.....Wet disc brakes, lever actuated

Electrical.....Intelligent, dynamic regenerative braking

Steering System

Orbitrol-operated hydraulic cylinder..... (hydrostatic steering)

Suspension

Rear.....Coil spring, shock dampened

Front.....Leaf spring, shock dampened

Tires

Front.....6 x 9 pneumatic radial

Rear.....8.0 x 16.5

Hitch

"E" hitch with extension.....Standard

Other options available

Instruments

Battery charge Hourmeter

Diagnostic faults

Options

Cab

Back-up alarm

Inching controls

Rubber bumpers

CE certification package

Others available upon request

Models shown may include optional features.
All information subject to change without notice.