

TUG TECHNOLOGIES

Providing Ground Support Solutions Worldwide



Model shown above includes additional options.

Model 660E Electric Belt Loader

TUG has taken the rugged durability, versatility and performance which characterizes our traditional 660 belt loader and tailored it specifically for today's environmentally conscious users. The 660E eliminates the emissions associated with traditional internal combustion engines thereby reducing the environmental impact of equipment operation. The 660E features systems that are entirely compatible with the 660 series. The drive and steer axles, brake systems, steering system and most accessories are the same as those utilized on gasoline and diesel powered models. This enables the 660E to be easily integrated into existing 660 fleets by standardizing and streamlining spare parts support and maintenance. Vehicle operation of the 660E is identical to that of the standard 660 making transition from one vehicle to another smooth and safe for operators.

Equipment Sales
Tel: (770) 422-7230
Fax: (770) 428-7315

Parts Sales
Tel: (800) 989-8499
Fax: (770) 422-8730

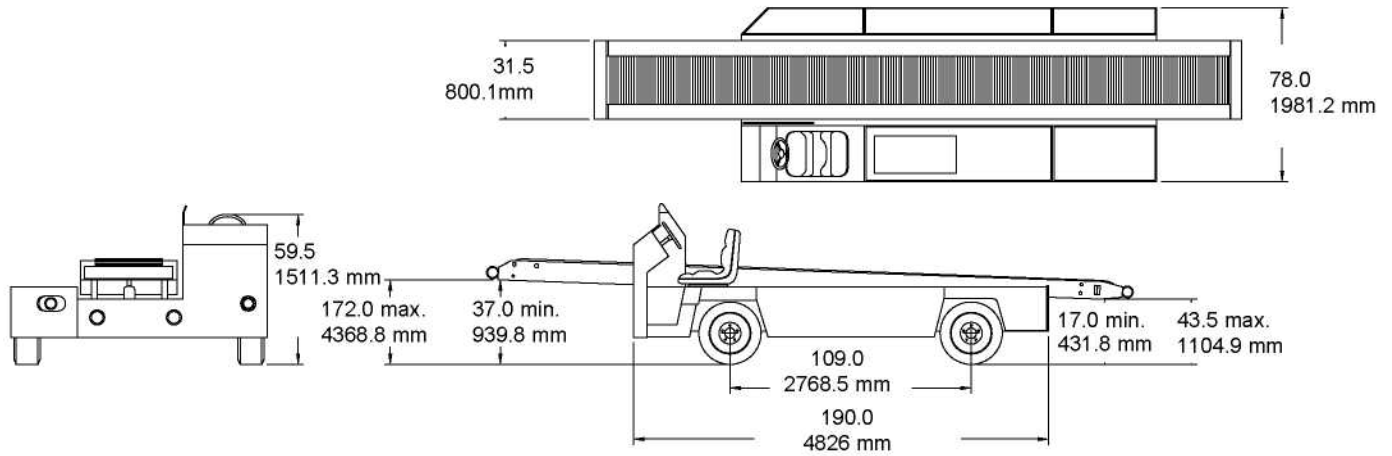
Online
www.tugtech.com

Standard features include:

- Recessed headlights
- Combination tail and stop lights
- Back-up lights
- All hydraulic hoses rated at 2250 psi
- Non-slip surface on fenders
- Non-slip surface on brake pedal
- Adjustable over-center park brake lever
- Conveyor lifting emergency pump
- Front, rear and side reflectors



If it doesn't say TUG, it's not TUG TUFF



Specifications

Model 660E

Electric Belt Loader

Dimensions

Length	300" (7620 mm)
Width excluding side bumpers	78" (1981.2 mm)
Height	59.5" (1498.6 mm)
Wheelbase	109" (2794.0 mm)
Conveyor length less front bumper	294" (7467.6 mm)
Conveyor width less guide rails	34" (863.6 mm)
Conveyor capacity at full incline	1000 lb (453 kg)
At 17° or less elevation	2000 lb (907 kg)
Belt width	24" (609.6 mm)
Door sill compatibility	40 to 170" (1016.0 to 4318.0 mm)
Conveyor speed	10-90 fpm (3.1 to 27.4 mpm)
Gross vehicle weight	6680 lb (3030.0 kg)

Electrical Component Information

- Motor 72/80-volt DC traction motor, high torque capacity with series wound coils. Large brushes and commutator protect against heavy overload conditions. Motor enclosed in a splash-proof casing.
- Controls ..Sevcon Power Pal Mosfet controls with a 12-volt DC converter to power standard automotive accessories.
- Battery..... Powered by a 72/80-volt DC battery. Battery not included.
- Emergency pump A hand-operated pump is provided to raise or lower the conveyor in case of lost power.

Drive Axle

Type.....	Dana 60 Series limited slip differential
Gear ratio	7.17:1
Suspension	Solid mount
Capacity.....	6000 lb (2721.1 kg)

Drive Shaft

Type..... Double universal, sliding spline coupling connecting reducer to drive axle.

Brakes

System	Dual split system with hydraulic assist
Front	Disc
Rear	Drum
Parking	Lever operated, drum type

Steering System

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

Hydraulic System

72/80-V electric motor-powered pump	
System Pressure	1500 psi max
Filter	Return line with element condition indicator
Conveyor.....	Hydraulic belt drive and conveyor lift/lower.

Suspension

Front	Solid mount
Rear.....	Solid mount

Instruments

Dash Battery discharge, hour meter and fault indicator.

Partial List of Options

- Extended belt length
- Guard rails
- Adjustable spot light
- Narrow conveyor width for Boeing 777 Compatibility—31.5" (800.1 mm)
- Emergency belt stop
- Others available upon request



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