

## ▶ **ECO-500 Towable Belt Loader**



### **Towable Belt Loader**

Ideal for single operator baggage/cargo loading on all regional and commuter aircraft up to B737/B757 and A320 Series.

- Built to last and operate in all weather conditions.
- Combines safety of personnel, integrity of the aircraft, secure cargo handling and high build quality without compromise.
- Improved full radius steering guarantees ease of positioning by ground personnel and safe towing on the apron.
- Available with a 4.5 metre boom for all commuter aircraft RJ Series and B737, or a 6 metre boom for B737/B757 and A320 series.
- Finger tip hydraulic controls for accurate adjustment and positioning of the boom.
- Choice of diesel engine conforming to the latest exhaust emission requirements or electric environmentally friendly battery power.
- Corrosion protected chassis.
- Careful attention to detail with stainless steel tanks and hinges, high quality hydraulic components with rigid corrosion resistant pipework.
- Exceptionally reliable, easy to maintain with low long term ownership costs.
- Shotblasted and finish painted to customers individual requirements with full wax treatment.
- Complies with the latest Health and Safety, IATA and CEN Standards.
- Available with AMSS purpose designed pedestrian drive system.



Passenger Stairs

#### **Belt Loaders**

Cargo & Freight Vehicles  
Toilet & Water Trucks  
Aircraft Loaders  
Fuel Tank Repair Trolleys  
Heater Trolley  
Air Conditioning Trolley  
Maintenance Docks & Stagings  
Special Projects

Remember, each piece of equipment is maintained via our through-life support and training services – wherever you are in the world, 365 days of the year.

**T** +44 (0)1656 743700  
**E** office@amss.co  
**W** www.amss.co

“ Cost effective solution for small to medium aircraft baggage handling ”

# ▶ ECO-500 Towable Belt Loader

## Diesel engine (standard)

- Hatz 1B20 Diesel Engine, with cold start facility, robust direct drive hydraulic motor with automatic pressure relief valve
- Alternative engine options available

## Boom assembly

- 4.5 and 6.0 metre rigid boom assemblies with integrated heavy duty galvanised rollers, double pitched at impact areas, 650kg capacity
- Deformable end rubber buffers for soft aircraft interface
- All weather vulcanised 600mm wide grip faced belt with automatic alignment and tensioners
- Fail-safe elevation system
- Recessed conveyor belt controls
- Conforms strictly to the latest Health and Safety Requirements with no gaps or finger trap

## Electric system and controls

- 12 Volt heavy duty battery with automatic charging facility
- Emergency stops fitted to front and rear of boom
- Clear and logical weatherproof operator controls with appropriate gauges, switches and warning lights
- Heavy duty battery isolating switch and jump start/charging connection

## Battery power (options)

- DC Belt Drive Motors with brake
- Easily removable and maintained modular battery power pack

## Chassis/running gear

- Purpose designed chassis with heavy duty front and rear axles
- Full radius steering steering
- Parking brake
- Oversized 25 litre capacity filtered fuel tank

## Hydraulic system

- Fully filtered system pressure 60 bar
- Stainless steel hydraulic tank with sight gauge and breather cap
- Hydraulic cylinders each fitted with anti-burst valves
- Emergency boom lowering facility

## Shipping weight

- Approx 906kg (1,993lb)

## Shipping dimensions

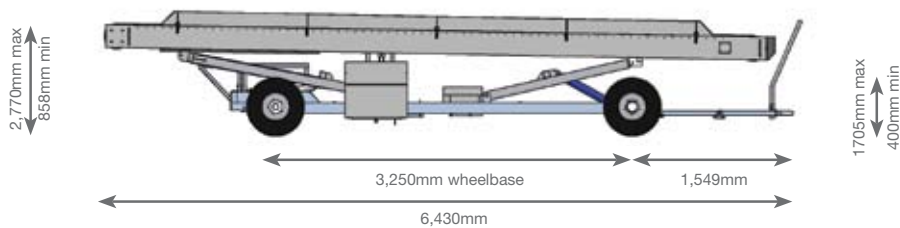
### BL-450-6 (6 Metre)

- Length 6,430mm (253")
- Width 1,494mm (59")
- Height 1,120mm (40")
- Weight (approx) 1,030kg (2,266lb)

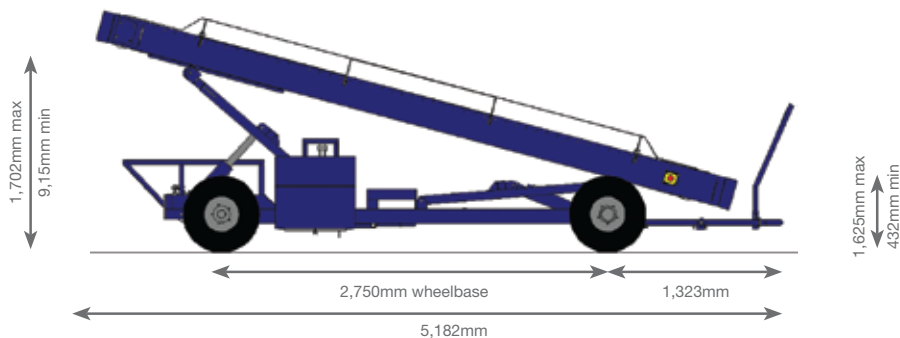
### BL-450 (4 Metre)

- Length 5,182mm (204")
- Width 1,494mm (59")
- Height 1,120mm (44")
- Weight (approx) 906kg (1,993lb)

## BL450-6 (6 Metre Boom)



## BL450 (4.5 Metre Boom)



## Optional items

- Pendant forward belt control in lieu of fixed station
- 6 metre boom assembly
- Folding boom side guide
- Various handrailing option
- One man operable hydrostatic pedestrian drive system