

BL450

TOWABLE BELT LOADER



A low cost easily manoeuvrable Towable Belt Loader which is ideal for baggage/cargo loading on all Regional/Commuter Aircraft up to B737/B757 and A320 Series.

- Delivers all round high level performance.
- 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.
- Ackerman 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.
- Electro-hydraulic variable speed conveyor belt.
- Choice of diesel engine conforming to the latest exhaust emission requirements or electric environmentally friendly battery power.
- Corrosion protected chassis.
- Fully guarded to ensure safe round the clock operations.
- 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 customer's individual requirements with full wax treatment.
- Complies with Health and Safety, IATA and CEN Standards.
- The BL450 Belt Loader specifically designed to support low cost, fast turnaround operations.

AMSS equipment not only provides best value but extra value

The AMSS world-wide guarantee and long term product support is the best available. As a privately owned company we cherish your business and look forward to establishing a lasting relationship.



BL450

TOWABLE BELT LOADER – SPECIFICATION

DIESEL ENGINE (STANDARD)

- Lombardini ISLDL315, 6 Hp, 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 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
- 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
- Ackerman steering
- Parking brake
- 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

OPTIONAL ITEMS

- Pendant forward belt control in lieu of fixed station
- 6 metre boom assembly
- Folding boom side guide
- Various handrailing option

SHIPPING WEIGHT

Approx 906kgs (1993 lbs)

DIMENSIONS BL450-6 (6 METRE)

SHIPPING DIMENSIONS

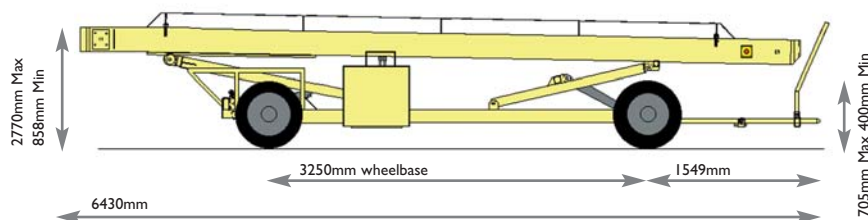
- Length 6430mm (253")
- Width 1494mm (59")
- Height 1120mm (40")
- Weight (Approx) 1030kgs (2266lbs)

DIMENSIONS BL450 (4 METRE)

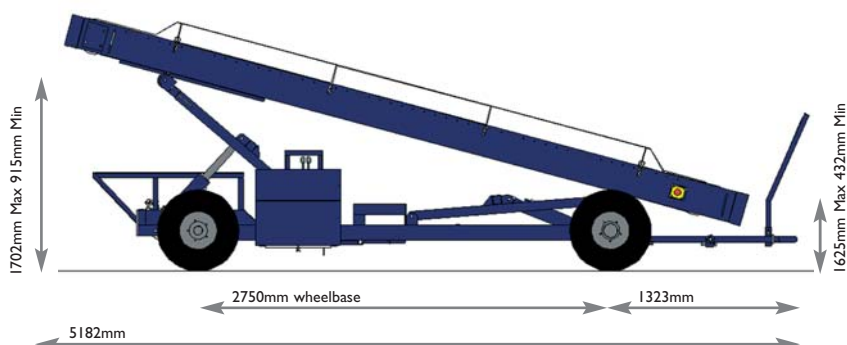
SHIPPING DIMENSIONS

- Length 5182mm (204")
- Width 1494mm (59")
- Height 1120mm (44")
- Weight (Approx) 906kgs (1993lbs)

BL450-6 (6 METRE BOOM)



BL450 (4.5 METRE BOOM)



AMSS is assessed and registered as an ISO 9001.2000 quality assured company

In accordance with our established policy of constant design improvements to all our products, we reserve the right to amend these specifications at any time without notice. The specifications contained in this brochure are for information purposes only. All photographs used are for general guidance only and we wish to thank the relevant authorities for their permission in using their equipment.



INCORPORATING
EDCHILL

Quality & Reliability
World-wide

Aircraft Maintenance Support Services Limited

Eagle House, Village Farm Industrial Estate, Bridgend, South Wales, CF33 6NU. U.K.

Tel: +44 (0) 1656 743700 Fax: +44 (0) 1656 744265 Email: office@amssgse.co.uk