

BL800 Belt Loader

MOBILE BAGGAGE AND CARGO CONVEYORS



Immediate presence, a quality vehicle with unprecedented reliability. The preferred user friendly loader on the apron.

- Combines safety of personnel, integrity of the aircraft, driver comfort, secure cargo handling and high quality without compromise.
- Will safely interface with all aircraft up to wide-body B777/A340.
- Available with 7.5, 8.2 or 9 metre 1,000 kg capacity boom assemblies fitted with continuous hard wearing grip faced belt.
- Corrosion resistant chassis on heavy duty axles with energy absorbing tubular collision deflector.
- Conveniently positioned fingertip controls for accurate boom positioning.
- Safety interlocks preventing vehicle movement when conveyor belt is in operation.
- Fully protected driver's safety cab with clear all round visibility.
- Clear and logical weatherproof controls and instrumentation.
- Choice of diesel engine with automatic transmission.
- Electric environmentally friendly battery power also available.
- Effortless, smooth efficient dual circuit braking system and power steering blends agility with safety on the apron.
- Careful attention to detail, stainless steel exhausts, tanks and hinges, high quality hydraulic components with rigid corrosion resistant pipework.
- Shot blasted and finish painted to customer's individual livery requirements with full wax treatment.
- Complies with Motor Vehicle Construction and Use, Health and Safety, IATA and CEN Standards.
- AMSS Belt Loaders, the marathon runners on the apron, guaranteeing safe efficient reliable operations with minimum maintenance for many years to come.

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.

BL800 Belt Loader

MOBILE BAGGAGE AND CARGO CONVEYORS – SPECIFICATION

DIESEL ENGINE OPTIONS

- Perkins 404 – 19 Diesel water cooled with cold start facility
- Deutz F4L 2011 Diesel air cooled with cold start facility
- Fully automatic transmission with oil cooler and special torque converter

BATTERY POWER (OPTIONS)

- 48 Volt DC Series drive motor with electromagnetic brake
- Latest technology Sevcon solid state vehicle drive controller
- Easily removable and maintained modular battery power pack

CHASSIS/RUNNING GEAR

- Purpose designed chassis with heavy duty front and rear axles
- Split circuit braking – discs front, drums rear.
- Direct action hydraulic power steering with priority system
- Vehicle speed – 25 mph limited (40kph)
- Turn radius – 6700mm (22 ft)
- 100 Litre fuel tank

BOOM ASSEMBLY

- 7.5, 8.2 and 9 metre rigid boom assembly – 1000 Kgs capacity with integrated heavy duty galvanised rollers, double pitched at impact areas.
- Deformable rubber buffers for soft aircraft interface

- 600mm wide all weather vulcanised hard wearing grip faced belt with automatic alignment
- Conforms strictly to the latest Health and Safety Requirements with no gaps or finger traps
- Fail-safe elevation system
- Recessed conveyor belt controls
- Worklamps

ELECTRICAL SYSTEM AND CONTROLS

- 12 Volt Heavy duty alternator and battery
- Vehicle lighting in strict compliance with Motor Vehicle and Use Regulations and IATA Airport Handling Equipment Specifications
- Recessed, protected and guarded driving obligatory lamps and reflectors
- Emergency stops fitted to front and rear of boom
- Clear and logical weatherproof driver/operator controls with appropriate gauges, switches and warning lights

HYDRAULIC SYSTEM

- Fully filtered system pressure 85 bar (1200 psi max)
- Stainless steel hydraulic tank with sight gauge and breather cap
- Robust direct engine driven hydraulic

OPTIONAL ITEMS

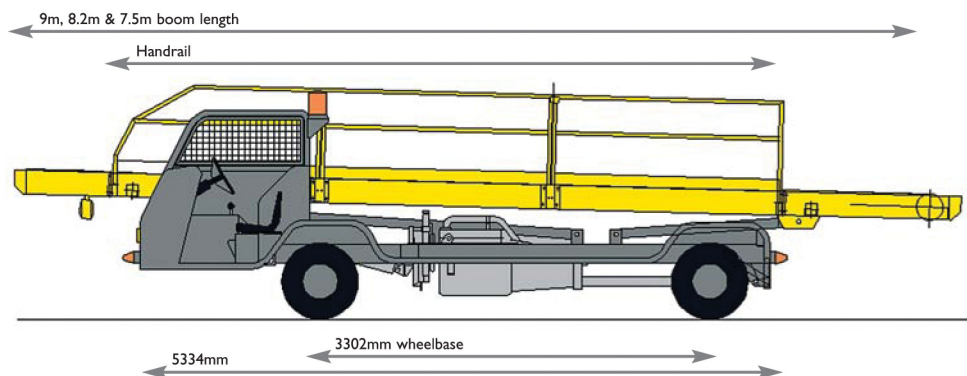
- Pendant forward belt control in lieu of fixed station
- Rear high lift boom configuration
- Special long reach booms
- Retractable package guide
- Collapsible safety handrailing
- Other handrailing options
- Fully enclosed weatherproof driver's cab with heating
- Battery isolating switch and jump start/charging connector

BOOM HEIGHT RANGE

	9.0Mtr Boom	9.0Mtr Boom High Back	8.2Mtr Boom	7.5Mtr Boom
Front Max	4918mm (193")	4918mm (193")	4524mm (178")	4267mm (168")
Front Min	795mm (31")	508mm (20")	865mm (34")	860mm (34")
Rear Max	1678mm (66")	2159mm (85")	1675mm (66")	1650mm (65")
Rear Min	430mm (17")	1650mm (65")	457mm (18")	457mm (18")

SHIPPING WEIGHT

Approx 3000kgs (6600 lbs)



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