



Self Propelled Ambulift

Our narrow body aircraft Ambulift is a cost effective solution for the transport, embarkation and disembarkation of passengers with reduced mobility.

- Designed using the proven in service chassis and components used in the AMSS ECO 850 Belt Loader
- Safely interface with all aircraft doors with a powered soft nose sprung bridge system.
- Comfortable insulated passenger compartment equipped with heating and air-conditioning (optional).
- Approved wheel chair and seating restraint system fitted.
- Passenger compartment can be simply and quickly reconfigured to accept combination loads of seated and wheel chair bound passengers using approved quick release floor track system.
- Corrosion resistant chassis on heavy duty axles and suspension.
- Conveniently positioned fingertip controls for accurate platform positioning.
- Safety interlocks fitted in accordance with latest regulations.
- Fully protected driver's safety cab with clear all round visibility.
- Clear logical weatherproof controls and instrumentation both cab and chassis mounted.
- Environmentally friendly latest emission standards diesel engine with electronic automatic transmission.
- Creep speed reduction with platform raised for enhanced aircraft safety during approach.
- Efficient dual circuit braking system and power steering blends agility with safety on the apron.
- Careful attention to detail, high quality hydraulic components with rigid corrosion resistant pipe work.
- Shot blasted, galvanised and finish painted to customer's individual livery requirements with full wax treatment.
- Health and Safety, IATA and CEN Standards compliant.



Passenger Stairs
Belt Loaders
Cargo & Freight Vehicles
Toilet & Water Trucks
Aircraft Loaders
Fuel Tank Repair Trolleys
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Engine and Transmission

- Deutz TD2.9 L4 Water cooled engine.
- Fully automatic transmission with oil cooler.

Chassis/running gear:

- Purpose designed chassis with heavy duty front and rear sprung axles.
- Split circuit braking – discs front, drums rear.
- Direct action hydraulic power steering with priority system.
- Vehicle speed – 25 mph limited (40kph) Turn radius – 16m.
- Ground clearance – 150mm.

Passenger Compartment and Tail Lift Assembly load capacity

- Tail Lift 500Kgs SWL capacity.
- Passenger compartment 1000Kgs SWL.

Hydraulic system

- Fully filtered system pressure 85 bar (1200 psi max).
- Stainless steel hydraulic tank.
- PTO direct engine driven hydraulic pump.
- Electric and manual emergency systems fitted.

Electrical system and controls

- 24 Volt Heavy duty alternator and battery Vehicle lighting in strict compliance with IATA Airport Handling Equipment Specifications.
- Recessed, protected and guarded driving obligatory lamps and reflectors.
- Emergency stops fitted to cab, front and rear platform operating stations.
- Clear and logical weatherproof driver/operator controls with appropriate gauges, switches and warning lights.

Dimensions

- Length 5,850mm (230")
- Width 2,500mm (98")
- Fully lowered max height 3,650mm (144")
- Fully raised max height 7,500mm (295")
- Bridge operational loading height 1,150mm-4,000mm (45"-158")
- Unladen weight 5,000kg (estimated) (All dimensions nominal)

Options

- Compartment heating and air conditioning.
- Various height range options available to meet customer requirements.

