

AMS GSE

| By OEM Group



OEM 

GROUP

YOUR PARTNER IN
PRODUCTIVITY



ABOUT US

For more than 40 years, OEM Group has been the exclusive distributors for a wide range of prefabricated products and innovative industrial equipment. We work with many companies involved in mining, civil, oil, gas, marine, aviation, transport and industrial sectors. Founded in Perth, Western Australia, OEM Group is proudly West Australian owned and operated so we understand the unique needs of our large state and country.

OEM Group's mission is to optimise the productivity of our clients, partnering with superior products, services and designs with safety at the forefront.

We commit ourselves to creating custom solutions or pre-fabricated products that slash your downtime cost, improve safety, maximise your performance and optimise your productivity to the highest level. If there is a safer and more productive way to do the job, we will find it.

OUR PRODUCTS:

OEM Group is very proud to be the exclusive WA Distributors for SPITWATER Pressure Cleaners, JETFIRE Space Heaters and Diacon Conveyor Guards, and the designers and manufacturers of STEPRITE Safety Access Platforms, JACKRITE Safety Jacking Stands and WESTCHOCK Wheel Chocks.

OUR SERVICES:

OEM Group provides a range of services including Asset Management, Pressure Cleaner Servicing (on site or at our workshops), and Hire (Pressure Cleaner, Pressure Cleaner Trailer, Access Platforms and Jacking Stands). We also engineer and fabricate fit-for-purpose products to our clients' specific requirements.

PASSENGER ACCESS BOARDING STAIRS



TECHNICAL SPECIFICATIONS

Model: Passenger Access Boarding Stairs

FEATURES

- ✓ Very manoeuvrable by hand or towed with a leveraged trolley handle at the base of the stairs.
- ✓ A second lever lowers the stairs onto a set of feet that ensure no movement at all at the bottom of the stairs.
- ✓ A lockable storage box is fitted to and is a standard part of all of our stairs.
- ✓ Additional fittings are available to extend the width of the stairs at the top to suit variations in aircraft meaning one set of stairs will suit more than one aircraft.
- ✓ Our stairs have a very wide footprint with additional stabilising bars running to the centre of the longer stairs. This ensures stability even in high wind conditions and no bounce on the stairs themselves.
- ✓ Dual disc brakes on the main wheels activated by a handbrake lever which locks the stairs in place, even in high winds.
- ✓ Your aircraft is protected by multiple bump pads that optimally placed for the aircraft each set of stairs was designed for.
- ✓ Anti-slip high visibility coatings to the leading edge of our stairs ensures they are both visible and safe in all conditions at all times of the day or night.
- ✓ Our stairs are fabricated from heavy duty high grade aluminium and heavy duty galvanised steel which makes them proof against corrosion and the elements. This minimises downtime for repair or maintenance.

OEM Group's AMS GSE manufactures passenger access boarding stairs (fixed and self levelling) to suit several specific aircrafts including Airbus, Boeing, Embraer and more. Our custom fabrication team can engineer, manufacture and supply passenger access boarding stairs to meet any aircraft requirements and specifications.

The stairs are built from heavy-duty high-grade aluminium and heavy-duty galvanised steel, which makes them less impervious against corrosion and the elements. This helps minimise downtime for repair or maintenance.

Our boarding stairs are fitted with an array of safety features including tow points, bumper pads, anti-slip coatings, dual disc brakes and a handbrake. Additional fittings can be configured to allow our boarding stairs to incorporate extra safety feature parts & accessories and be used between multiple aircraft makes and models in the same class.

AIRCRAFT DE-ICERS

As anyone that deals with aircraft knows, at altitude dangerous ice often forms on an aircraft. Depending on where the ice forms, it more often than not will change the aerodynamic characteristics of your aircraft, which affects the handling and thus the safety of the aircraft.

AMS - GSE has designed, manufactured and engineered the model 450 aircraft de-icer to help you deal with this issue. The Model 450 De-Icing unit is a compact, efficient and a reliable unit designed to meet the requirements of small to medium sized aircraft.

The Model 450 De-Icing unit is equipped with a twin heating element to provide a quicker heating time and more consistent temperature, which is monitored by a DM640 Digital Thermometer for accurate temperature control.



TECHNICAL SPECIFICATIONS

Model: Aircraft De-Icers

Item Code: Model 450

FEATURES

- ✓ Disc brakes with manual handbrake.
- ✓ Can be towed - Max towing speed is 15km/hr.
- ✓ Front jockey wheel and large grab handle for easy manoeuvrability.
- ✓ Wide wheel base and rigid frame create excellent stability.
- ✓ Operational components protected from damage and the weather within a tilting and strut assisted stainless cover.
- ✓ Large capacity stainless tank - 450 litre.
- ✓ Corrosion resistant galvanised steel sub frame.
- ✓ 5.5hp petrol Honda driven compressor unit.
- ✓ 12 litre air tank
- ✓ Grundfos circulation pump to maintain even temperature.
- ✓ Verderair air operated diaphragm pump - provides consistent flow.
- ✓ Twin heating elements to provide a quicker heating time and more consistent temperature.
- ✓ DM640 Digital Thermometer for accurate temperature control.
- ✓ 30-meter auto lock and retract Food Jet 80-NW12 hose with hand gun (WP 80Bar /BP 240Bar / 150oC).
- ✓ 240 Volt Heater.
- ✓ Emergency Stop Button.
- ✓ Capable of de-icing 2-3, B737 Aircraft before the need to refill and reheate

DPL AIRCRAFT ACCESS LIFTS



AMS GSE has created access lifts to suit a variety of aircraft for disabled people or for people who may struggle with stairs due to age or mobility issues.

The highly stable, manoeuvrable and towable lifts are designed and built in compliance with Australian Standards and conform to applicable International Air Transport Association Standards.

The robust lifts can fit all 400mm wheelchairs and are fitted with a electric hydraulic operating system that is powered by a battery connected to a solar panel for recharging.

The DPL's currently come in three sizing configurations. Our team can also custom design the DPL to fit your aircraft specifications if required.

TECHNICAL SPECIFICATIONS

1. The DPL 99A - Suits Dash 8, SAAB, Beechcraft, Metroliner, CRJ, ATR, Kingair.
2. The DPL 99E - Suits B737, Fokker 100 (all models), Embraer 170, 190 etc.
3. The DPL 99H - Suits Up to A319 / 320 / 321 height.

FEATURES

- ✓ Electric hydraulic operation.
- ✓ 30-Watt solar panel for recharging of the lift battery.
- ✓ Highly Manoeuvrable.
- ✓ Towable.
- ✓ Simple robust design with few moving parts.
- ✓ 300kg load capacity.
- ✓ Stable in up to 40 knot cross winds.
- ✓ Minimal maintenance required to maintain function and safety.
- ✓ Designed and built in compliance with Australian Standards.
- ✓ Conforms to applicable International Air Transport Association Standards.
- ✓ Overcapacity cut-off protection.
- ✓ Free-fall protection.
- ✓ Suits all 400mm wheelchairs.
- ✓ C.E Compliant.

Specialist Access Lift and Stairs (SALS)

Our Specialist Access Lift and Stairs (SALS) are combined boarding stairs and hydraulic passenger lift systems for tarmac-based aircraft passenger access that are designed and built in compliance with Australian Standards and conform to applicable International Air Transport Association Standards.

The unit offers a safe working load limit of 2400kg (up to 30 persons - combined stairs and passenger lift cabin). The lift cabin capacity is built for weights of up to 450kg (and not exceeding 5 persons), and suits all 400mm wheelchairs.

With safety at the forefront of our organisation, the SALS is fitted with many key safety features including a free fall protection system, safety cable, safety control system, anti - slip coating and a safety lighting and audio system.

FEATURES

- ✓ Electric hydraulic operation.
- ✓ Dual batteries with dual charging systems (240VAC and 30 Watt solar panel).
- ✓ Stable 6.1m x 2.27m footprint, and a 3.31m lift height.
- ✓ Highly manoeuvrable towable stairs with a hydraulic castor frame lifter for easy setting of tarmac clearance during transport.
- ✓ Safe working load of 2400kg (up to 30 persons - combined stairs and passenger lift cabin).
- ✓ Stable in up to 40-knot winds.



TECHNICAL SPECIFICATIONS

Model: SALS 320, E190 and 170 Combination

Boarding Stairs and Access Lifts

- ✓ Passenger lift cabin capacity of 450kg and suits all 400mm wheelchairs.
- ✓ Dual audio and visual internal/external cabin movement alerts.
- ✓ Passenger cabin has timed internal light, and tinted windows and venting for temperature control.
- ✓ Packed with internal/external safety features including anti-slip coating, safety step glow strips and LED lighting system.

BAGGAGE TROLLEYS



Airport Baggage Trolleys are a critical part of airport function, regardless of the size, is getting passengers' baggage safely to and from aircraft. We manufacture highly manoeuvrable weather resistant baggage trolleys for exactly that task.

The aluminium body construction with galvanised steel underframe makes the trolley impervious to weather, providing a long service life with minimum need for maintenance. Auto lock brakes have been fitted on the front wheels. If the hitch is on the ground or set high, the front wheels are chocked from moving. The trolley will only move when hitched to the correct tow height vehicle.

FEATURES

- ✓ 360 degrees of rotation in the front wheel pivot allowing extreme manoeuvrability.
- ✓ Standard tow hitch with restrained tow lock pin.
- ✓ Heavy duty vinyl baggage cover with storage area.
- ✓ Heavy duty front and rear baggage stops.

TECHNICAL SPECIFICATIONS

Model: Baggage Trolleys

PARTS & ACCESSORIES



As part of our operations, we stock a full range of parts & accessories required to service, repair and maintain your ground support equipment. Our team of experts can also help you source or custom fabricate parts & accessories internationally if we do not currently stock them internally. We offer international delivery on all of our parts and accessories.

EXTRAS

- ✓ Solar Power System Kits
- ✓ Side Curtain Kits
- ✓ Sticker Kits
- ✓ Maintenance Kits
- ✓ Emergency Safety Kit Systems
- ✓ Hydraulic RAM Systems
- ✓ LED Lighting Systems
- ✓ Foldable Safety Rail Systems
- ✓ Wheels & Tyres
- ✓ Bumper Pads
- ✓ Tool Boxes
- ✓ Towing Systems
- ✓ Stair Handbrakes
- ✓ Power & Battery Packs Systems
- ✓ Consumables (nuts, bolts, screws, etc.)
- ✓ Sensor Systems

ASSET MANAGEMENT



SCHEDULED INSPECTIONS

Regular 3 monthly inspections to identify defects, damage and potential issues with assets.



CLIENT NOTIFICATION

OEM Group works closely with customer and notifies the client of any problems or potential issues found quickly and efficiently.



REPAIR ON-SITE

After receiving authorisation to repair, OEM technicians perform repairs and maintenance onsite, preventing costly downtime.



CERTIFICATE REPORTS

Regular reports are issued to the customer with certificates and performance reviews to KPI's every six months.

OEM Group's Asset Management provides a worldwide end to end maintenance and management system that incorporates inspections, on site repairs and maintenance, and a complete asset management and reporting system tailored to the customer's specific requirements.

OEM Group offers international call-out support to full workshop facility support services to get your equipment running at full operational capabilities. We have partnered with a global network of industry leading ground support equipment maintenance companies to ensure that we provide exceptional customer service.

FEATURES

- ✓ Scheduled quarterly inspections.
- ✓ Global team of trained inspectors/qualified repairers.
- ✓ In-house trained and certified OEM Group Technicians (i.e. relevance around Australian Standards, welding and fabrication defects, etc.).
- ✓ Planned repairs and maintenance on-site.
- ✓ No required assistance, our technicians are self-sufficient.
- ✓ Registered asset numbers with tags that are unique to site/client requirements.



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