



WG



Mallaghan

innovation for aviation

Ground Support Equipment

AIRCRAFT CATERING & CLEANING TRUCKS

TECHNICAL SPECIFICATIONS



MODEL

CT6000 / CCT6000

SILL HEIGHTS:

1400mm - 6000mm

CAPACITY

from 1000kg - 5000kg

CHASSIS

Standard commercial chassis (Iveco, MAN, Mercedes-Benz, DAF, Volvo etc).

PLATFORM

Available in full width, half-width and transverse options.

SCISSOR MECHANISM

Mallaghan scissors with built-in hydraulic cylinders and four hydraulic chassis stabilisers.

VAN BODY

Insulated G.R.P panels from 30mm - 100mm.

ELECTRIC SYSTEM

24v relay or PLC computer.

TYPICAL OPTIONS

- Gas Powered
- Tail-lift
- Refrigeration
- Automatic gearbox
- Crew-cab / drop-cab
- CNG Option Available

ADDITIONAL OPTIONS

Available upon request.

The Mallaghan range of highly sophisticated Catering/Cabin Cleaning Trucks are utilised for the efficient transportation of catering equipment, food supplies and cleaning equipment. Assembled on a truck mounted chassis with lifting van body and fully insulated GRP panels.

AIRCRAFT CATERING & CLEANING TRUCKS (A380)

TECHNICAL SPECIFICATIONS

MODEL

CT8000 / CCT8000 / A380 Trucks

SILL HEIGHTS

3000mm - 8200mm

CAPACITY

from 1000kg to 4500kg

CHASSIS

Standard commercial chassis (Iveco, MAN, Mercedes-Benz, DAF, Volvo etc).

PLATFORM

Available in full width and full enclosed options

SCISSOR MECHANISM

Mallaghan scissors with built-in hydraulic cylinders and four hydraulic chassis stabilisers incorporating dual pilot operated check valves

VAN BODY

Insulated G.R.P panels from 50mm - 100mm.

ELECTRIC SYSTEM

24v relay or PLC computer.

TYPICAL OPTIONS

- Tail-lift
- Refrigeration
- Automatic gearbox

ADDITIONAL OPTIONS

Available upon request.



The Mallaghan A380 CT8000 / CCT8000 range of highly sophisticated Catering/Cabin Cleaning Trucks are utilised for the efficient transportation of catering equipment, food supplies and cleaning equipment. Assembled on a truck mounted chassis with lifting van body and fully insulated GRP panels.

PRM MEDICAL LIFTS

TECHNICAL SPECIFICATIONS



The highly acclaimed Mallaghan PRM Medical Lift has been specifically designed for the safe and comfortable transport of PRM passengers to and from the aircraft. The Mallaghan Medical Lift ensures to provide a prompt and dignified service in the most comfortable manner possible. The range is available in self-propelled and truck mounted options.

MODEL / SILL HEIGHTS

ML6100D Self Propelled Chassis
1090mm - 6000mm

ML4000T Truck Mounted
1300mm - 4200mm

ML6100T Truck Mounted
1500mm - 6000mm

ML6100TD Truck Mounted
1500mm - 6000mm

ML8000T Truck Mounted (A380)
3000mm - 8200mm

TYPICAL CAPACITY
6 wheelchairs, 1 stretcher.

CHASSIS

Standard commercial chassis (Such as Iveco, MAN, Mercedes-Benz, DAF, Volvo, Scania).

PLATFORM

Available in full width, half-width & traverse options.

SCISSOR MECHANISM

Mallaghan scissors with built-in hydraulic cylinders and four hydraulic chassis stabilisers.

VAN BODY

Insulated G.R.P panels.
Tail-lift with folding safety rails

ELECTRIC SYSTEM

24v relay or PLC computer.

TYPICAL OPTIONS

- Automatic gearbox
- Air conditioning
- Medicine & blanket cabinet/s
- Wheelchair/stretcher clamps

ADDITIONAL OPTIONS

Available upon request.

TECHNICAL SPECIFICATIONS

MODEL / TYPICAL CAPACITY

TA8200

7000 litre pre-mix

1200 litre ant-ice

CHASSIS

Standard commercial chassis of European or US manufacture. Driver's cab full roof window with wipe/wash

STANDARD FEATURES

- Automotive fire suppression system.
- Basket communication intercom system

FLUID TANKS

- Stainless steel construction
- Internal multi-point return flow for improved mixing
- High grade insulation fitted to the heated premix deicing fluid tank
- Both tanks including the Anti-ice Tank have external fluid level gauges

FLUID CIRCULATION & DELIVERY

- Hardi Pumps deliver the heated fluid up to 200 LPM
- Anti-ice flow adjustable from 75LPM to 200LPM

BOOM / BASKET

- Open or enclosed basket options
- Working height up to 17m.
- Proportional control fitted for smooth operation
- Main Boom Rotation 270°
- Basket Rotation 180° (Optional)

TYPICAL OPTIONS

- Proportional mixing system
- Forced Air System
- Single operator
- Extended boom
- Enclosed basket



The Mallaghan Deicer range of equipment has been designed to surpass the expectations and needs of customers in terms of mobile deicing and anti-icing of all aircraft types. This European manufactured 'state of the art' Deicer been specifically designed so as to ensure high levels of efficiency, reliability and ease of use in a safe and busy airport environment.

BENDI-BELT

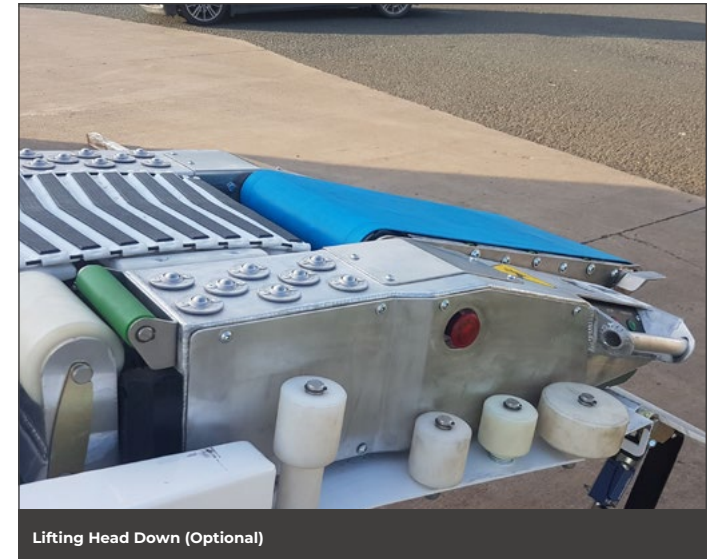


The Mallaghan Bendibelt is an ingenious aircraft baggage loading system which enables baggage to be loaded/unloaded in a safe, efficient and expedient manner with the operator in control from within the baggage hold. With a unique curvature design and key safety features it can deliver a number of significant benefits including turnaround efficiencies, reduction in manpower costs & manual handling, whilst through automation reducing the risk of manual handling injuries and ground damage to aircraft.



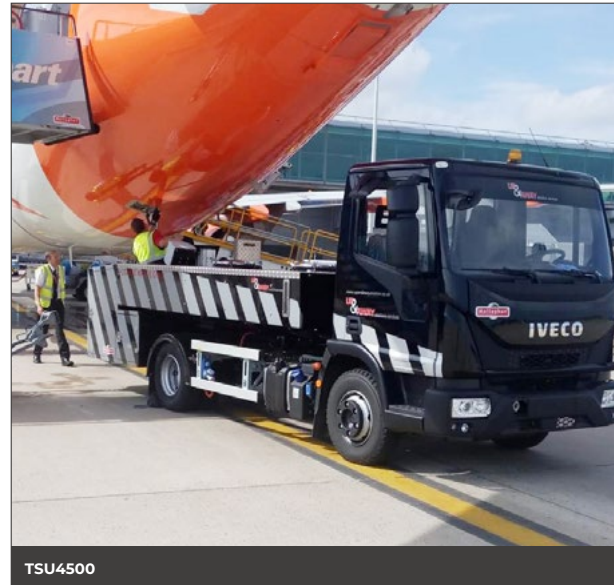
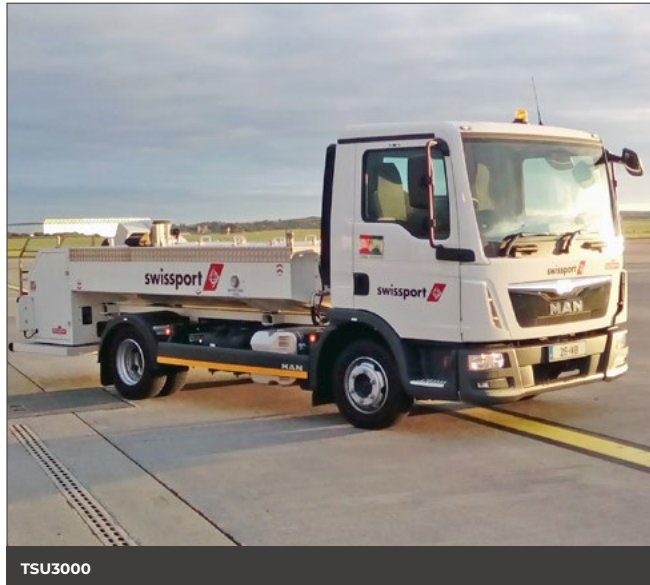
TECHNICAL SPECIFICATIONS

ENGINE	Deutz
DRIVE:	Hydrostatic
STEERING	Hydraulic
DEAD WEIGHT	5200kg
VEHICLE LENGTH	max 10.0mtrs
VEHICLE WIDTH	2400mm
WHEELBASE	3100mm
TURNING CIRCLE	7.7mtrs
USABLE BELT EXTENSION	up to 6.0mtrs
SINGLE LOAD	400kg
BELT SPEED	13 - 24mtrs p/min
BELT LENGTH AVAILABLE	Main Boom 7.5 & 8.5mtrs
BENDI BELT EXT.	up to 7.0mtrs
BELT WIDTH	Main Boom 600mm Bendi Belt 305mm (600mm inc. rollers)
SERVICE HEIGHT	1mtr - 3.1mtrs



TOILET & WATER SERVICE TRUCKS

TECHNICAL SPECIFICATIONS



MODELS

TSU1000

- 1000 litre tank capacity
- 700 litre effluent
- 300 litre flushing water

TSU3000

- 3000 litre tank capacity
- 2000 litre effluent
- 1000 litre flushing water

TSU4500

- 4500 litre tank capacity
- 3000 litre effluent
- 1500 litre flushing water

MODELS

WSU1000

- 1000 litre tank capacity

WSU3000

- 3000 litre tank capacity

WSU4500

- 4500 litre tank capacity

SPECIFICATION

- Stainless steel tank.
- Complete assembly attached to vehicle chassis via independent flexible rubber mounts.
- Top surface covered with aluminium tread-plate supported on a tubular frame, secured to the tank top ensuring easy access to the aircraft servicing points.
- Water and vacuum services are provided via power take-off, which is engaged or disengaged within the vehicle cab.

CHASSIS

All suitable commercial chassis

TYPICAL OPTIONS

- Automatic gear box
- Hydraulic tail-lift
- Winterisation

ADDITIONAL OPTIONS

Available upon request.

The Mallaghan Toilet Service Truck has been specially designed to service the toilet tank of all aircraft types based on the vacuum evacuation principle.

TECHNICAL SPECIFICATIONS

TOWABLE & MOTORISED PASSENGER STAIRS

MODEL SILL HEIGHTS

Tristair LR

1800mm - 3950mm

Tristair MR

2400mm - 4400mm

Tristair HR

3800mm - 5800mm

CHASSIS

- Mounted on towable
- Mallaghan steel chassis with parking brake for rugged airport operations.

HYDRAULICS

Built-in hydraulic cylinders and four hydraulic chassis stabilisers.

TYPICAL OPTIONS

- Pedestrian control (Diesel or Electrically operated)
- Fully enclosed or sun-shade style canopies.
- Aluminium step profiles.
- Stair lights with sensor and timer.

ADDITIONAL OPTIONS

Available upon request.



Tristair LR



Tristair FCMR

MODEL SILL HEIGHTS

Eurostair 2000

2400mm - 4400mm

Eurostair MR

1800mm - 4200mm

Eurostair HR

2200mm - 5800mm

Continental Stair

2200mm - 5800mm

Truck Mounted Eurostair

Up to 5800mm

CHASSIS

Mounted on standard commercial chassis or self propelled option which incorporates Deutz or Perkins diesel engine, drivers cab, stair section, hydrostatic drive system and associated hydraulics.

HYDRAULICS

All cylinders operated with dual pilot operated check valves.

ELECTRIC SYSTEM

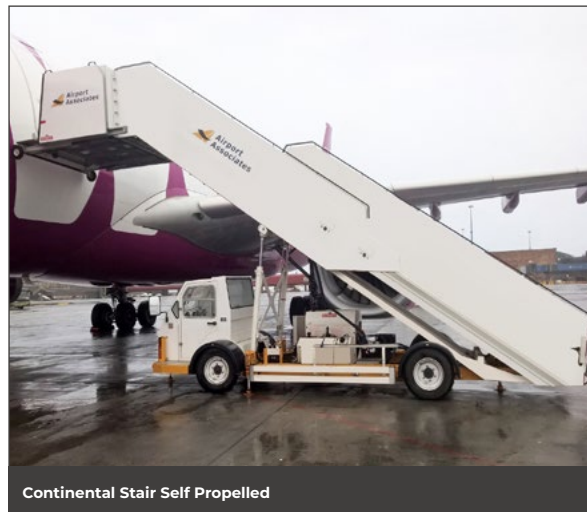
24v relay.

TYPICAL OPTIONS

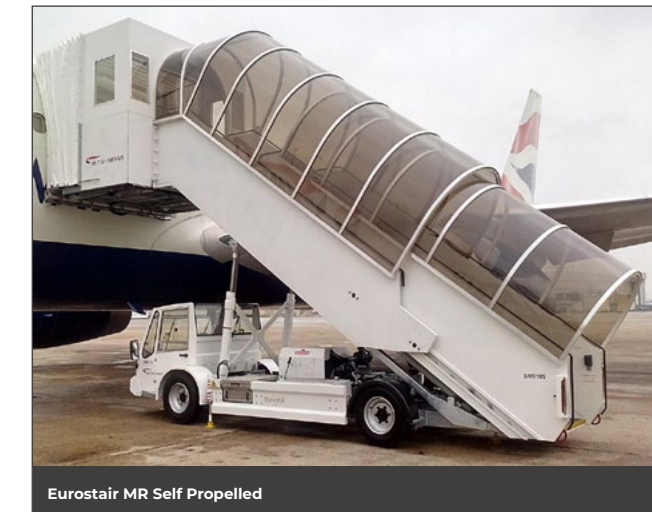
- VIP
- 4x4 Rescue Stair
- Escalator Stair
- Fully enclosed all weather canopy.
- Aluminium step profiles.
- Stair lights with sensor & timer.
- Auto-level platform system.
- Electric Version

ADDITIONAL OPTIONS

Available upon request.



Continental Stair Self Propelled



Eurostair MR Self Propelled



MODELS

Chassis:

Mallaghan manufactured welded chassis (fully galvanised)

Engine:

6-cylinder, diesel, Euro V or Euro VI

Transmission:

automatic transmission

Steering:

hydraulic powered front steering axle

Brakes:

hydraulic brake system with ABS

Payload:

up to 118 passengers according to IATA AHM950

Suspension:

pneumatic suspension with kneeling function on both sides

Overall Dimensions:

15m long / 3.2m wide / 3.1m height

OPTIONS

- driver cabin air conditioning
- hydronic heating system for driver cabin and passenger compartment
- Air curtains on double doors
- Foldable seats in passenger compartment (up to 18 no.) Additional wheel chair ramp
- Radio and 8 no. speaker system
- On-board Wi-fi
- Supply and fit of customer decals/logos

The Mallaghan Airport Bus offers high performance and comfortability for passenger transfer. It is a highly sophisticated piece of equipment, engineered to the utmost quality and safety standards and is the highest capacity passenger bus available on the market.

ADDITIONAL GSE



MPL1



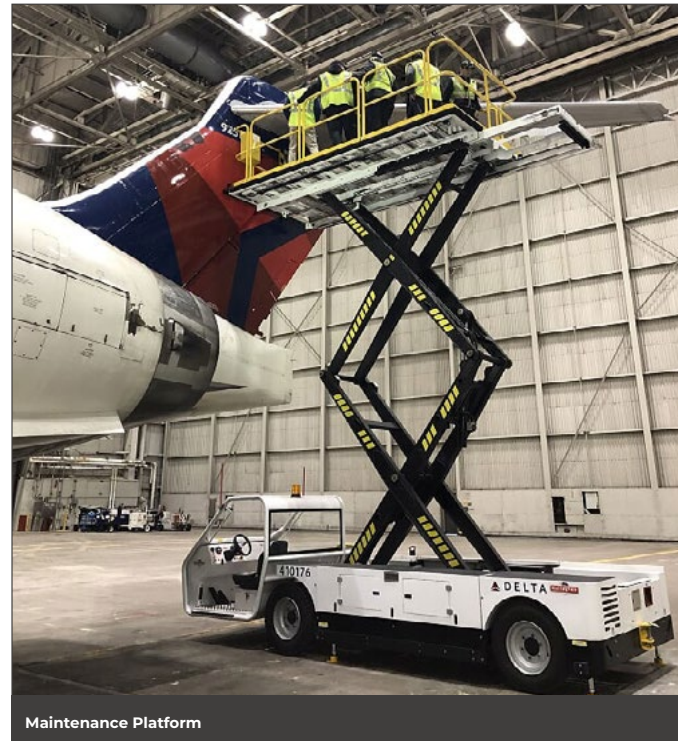
RDV



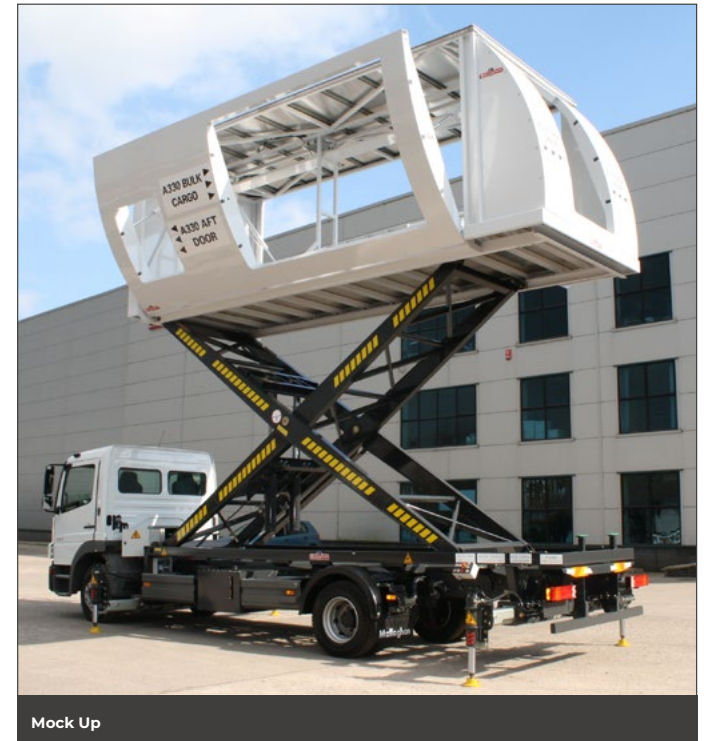
FUEL BOWSER



LBT90



Maintenance Platform



Mock Up

In addition to our extensive range of GSE products we can offer tailor-made equipment for a vast range of Airport Operational Requirements.

innovation for aviation

Ground Support Equipment



Assembly Factory HQ



Fabrication Factory HQ



Atlanta Factory



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www.mallaghangroup.com

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