

ASM12



Aircraft Ground Equipment



Technical specifications

Multi-Functional Aircraft Servicing System (MFASS). Designed for safe transportation by air, land, sea and undersling.

Structure

- Robust container, capable of being mounted and operated from a flat bed truck or lightweight trailer.
- Forklift tine guides on all sides and Stowage rack on top.
- Sufficient storage capacity for cleaning materials, etc.

Dimensions 1.75 x 1.12 x 1.45 m / 5.7 x 3.7 x 4.8 ft (L x W x H)
Weight 680 - 1070 Kg (dry weight - laden weight).

Functions

General

Manually controlled.
Powered by diesel generator (1,7kWe at 3000 rpm), air, nitrogen or electricity.
Two electrically driven compressors,
Capacity: 150 l/min at 6 bar.
Rechargeable 12 liter nitrogen cylinder,
maximum charge pressure: 300 bar.
Max pressure external air supply: 7 bar.
Operating temperature:

- for washing: +5 °C up to +55 °C
- for de-icing: -32 °C up to +55 °C

Compressor Wash 100 liter water reservoir, 25 liter cleaning fluid canister.
Mixing cleaning fluid and demineralised water, 1 to 4.
Maximum working pressure: 6 bar.
Maximum flow: 30 l/min.

Fuselage Wash 120 liter water reservoir, 25 liter liquid cleaner canister.
Washing applications:

- mixing cleaner and water, 1 to 9;
- foaming 10 l/min at 2.5 bar;
- gel washing 6 l/min at 2,5 bar;
- rinsing 15 l/min at 6 bar.

De-icing 25 liter premixed de-icing fluid.
Maximum 10 l/min at 6 bar.

Options

Waste fluids scavenge system

Compression sprayer, 10 liter

Heated compression sprayer, 5 liter

Fire extinguisher

Nitrogen servicing kit

Hydraulic replenishing guns

Spot light

Electric input cable

Electric output

Access ladder

Wheel chocks

Air system output

Compressor wash (hose) adapter sets

Lances

More options available on request.

Air-driven pump, adjustable 1-10 l/min.

Portable pressure vessel for compressor, wash or cold de-icing. Including hose, lance and nozzle, 1 l/min.

Portable pressure vessel electrically heated (230 V) de-icing fluid. Including hose, lance and nozzle, 1 l/min.

Dry powder extinguisher, weight 9 Kg.

Portable nitrogen kit, weight 22 Kg.

3 units, 5 liter with dispenser pump, with canister hose and couplings.

230 V, 300 W Halogen light.

230 V, 16 A, 8 m

1 socket, 230 V, 8 A.

Foldable ladder, 1.1 m in total.

4 x aircraft wheel chocks.

150 l/min at 6 bar.

Set of adapters and hoses for other aircraft.

- For each washing application, dedicated lances are available.
- Compressor wash lances are available on request (depending on the specific aircraft and configuration).