

ModulairMax

Large Capacity Airline Trolley System

DESCRIPTION

The Modulair Max is a high capacity airline trolley system providing air for upto 4 simultaneous users. The unit is approved to supply air with lengths of airline hose upto 105 metres.

Built to be compatible with 2 x 45 litre cylinders giving 24,500 litres of air or 2 x 50 litre cylinders giving 27,000 litres of air, the system is capable of supplying in excess of 10 man hours of breathing air.

The standard unit is fitted with 4 man pneumatics and a hose reel, telescopic support struts, 2 position cylinder valve guard, 3rd wheel for support whilst moving the trolley and a lifting eye allowing the unit to be hoisted by a crane

Options include AFU for filtering an external air supply, a DS4 electronic low air alarm to signal if that external air supply is failing and forklift brackets to enable easily loading of the unit.

A lockable storage box is also available that will take tools or an airline BA set and can be easily fitted to the unit.



TECHNICAL SPECIFICATION

| Material Specifications | |
|--------------------------------|---|
| Component | Materials |
| Frame | Powder coated galvanised steel |
| Hose Reel Frame | Stainless Steel |
| Hose Reel Drum | Stainless Steel |
| Wheels | Solid Puncture Proof Tyres |
| Pneumatics | Corrosion Proof Nickel Plated Brass and Stainless Steel |
| MP Hoses | PVC Hoses |
| HP Hoses | PTCFE Liner, Stainless Steel Braiding, Estane Sleeve |
| Couplings | Nickel Plated Brass and Stainless Steel |

TECHNICAL DATASHEET

REDUCING VALVE

First stage pressure reducing valve featuring non-adjustable, spring-loaded piston mechanism and outlet supply protected by pressure relief valve. Valve body and cap machined from nickel-plated brass with stainless steel spring and hose retainer U-clips.

| OUTLET PRESSURE | |
|--------------------------------------|-------------------|
| 207 bar inlet | 207 bar inlet |
| 300 bar inlet | 300 bar inlet |
| Pressure Relief Valve Protected | 13.5 bar |
| Flow Restrictor to Gauge Supply Hose | <25 litres minute |

PRESSURE INDICATOR & WARNING WHISTLE

Bourdon tube type dial indicator
Heat and Impact resistant polycarbonate lens
Safety blow-out vent in rear of gauge
Accuracy:- +/- 10 bar between 40-300 bar

HOSES

Stainless steel swivel hose fittings

| HOSES | | | |
|--------------------------|--------|--------------------------|---------|
| MEDIUM PRESSURE HOSE | | HIGH PRESSURE HOSE | |
| Maximum Working Pressure | 16 bar | Maximum Working Pressure | 450 bar |
| Minimum Burst Pressure | 80 bar | Minimum Burst Pressure | 800 bar |

| PART NUMBERS | | |
|--------------|---------------|---|
| Part Number | Description | Consists of |
| 2026831 | MM | ModulairMax with 4 man pneumatics and Hose reel |
| 2026830 | MM-AFU | ModulairMax with 4 man pneumatics and Hose reel with 4 man AFU |
| 2026829 | MM-AFU | ModulairMax with 4 man pneumatics and Hose reel with 4 man AFU |
| 2026828 | MM-AFU-DS4 | ModulairMax with 4 man pneumatics and Hose reel 4 man AFU and DS4 |
| 2026827 | MM-FL | ModulairMax with 4 man pneumatics and Hose reel. Forklift Brackets fitted |
| 2026534 | MM-AFU-FL | ModulairMax with 4 man pneumatics and Hose reel with 4 man AFU. Forklift Brackets fitted |
| 2026534 | MM-AFU-DS4-FL | ModulairMax with 4 man pneumatics and Hose reel 4 man AFU and DS4. Forklift Brackets fitted |



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.