

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