Product name:	Product code:
Vocational Industrial Pneumatics Training Equipment	VOC-HYD-0001



Description

Vocational Industrial Pneumatics Training Equipment

Technical specification

Cabinets and all drawers to be steel, powder coated construction including drawer fronts.

The trolley must be mounted on four (4) heavy duty, rubber tyred castors two (2) of which are swivel and lockable.

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Pneumatics, Comprises:-

1 x Air service unit (filter/pressure regulator) with On/Off valve and pressure gauge

1 x 6-way manifold with check fittings (airflow blocked on the removal of tubing)

1 x Single Acting Cylinder - 16mm diameter, 50mm stroke

2 x Double Acting Cylinder - 16mm diameter, 100mm stroke with magnetic piston for contactless sensing

4 x 3/2 way Push Button Valve (2 baseplates each with 2 valves)

1 x 3/2 way Toggle Lever Valve

1 x Visual Indicator

1 x 5/2 way Toggle Lever Valve

1 x 5/2 way Pilot/spring Valve

3 x 5/2 way Pilot/Pilot Valve

1 x 5/3 way Pilot/Pilot Valve with Closed centre

2 x 3/2 way Roller Lever Valve (for instroke operation) - mounted on the adjustable baseplate (must have both vertical and horizontal adjustment).

2 x 3/2 way Roller Lever Valve (for outstroke operation) - mounted on the adjustable baseplate (must have both vertical and horizontal adjustment).

1 x 3/2 way Adjustable Timer valve

2 x Throttle / Check Valve (on one baseplate)

1 x Quick Exhaust Valve

4 x Shuttle Valve / OR Gate (2 baseplates each with 2 valves)

2 x Two Pressure Valve / AND Gate (on one baseplate)

1 x Stainless Steel Air Reservoir

1 x Pressure Gauge

10 x Push-fit Tee

10 x Push-fit Plug

15 metres 4mm o.d. polyurethane tubing

5 metres 6mm o.d. polyurethane tubing

All pneumatic components should mount on four (4) pin plug-in baseplate, complete ready to use with pneumatic connections for 4mm o.d. tubing (supplied) and 2mm shrouded plugs/sockets for electrical connections.

All threaded exhaust ports to be fitted with silencers.

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Approx. dim: 1210mm(L) x 750mm(W) x 1450mm(H).

The trolley must have two (2) circuit building plugboards (approx. size) 1100mm x 700mm, each with mounting holes must be fitted with rubber component retaining grommets.

The boards must be powder coated 16swg steel (at least), with 2mm shrouded sockets for electrical distribution built into the plugboard.

There must be two (2) lockable equipment storage cabinets, each consists of five (5) drawers (depths are 1 x 66mm, 2 x 85mm, 1 x 130mm, 1 x 200mm - approx. sizes).