



CAD-MECH
CAD-Mech Engineering Pvt. Ltd.

ISO 9001:2015 COMPANY



Model No.: VFP-1



SPECIFICATIONS

Name of the Item	Specification	Quantity
Hydraulic trainer kit each consisting of the following component and accessories		
Hydraulic power pack	With (1) external gear pump having a delivery rate of 2.5 lpm. (approx.)@ 1400 rpm operating pressure 60 bar, coupled to a single- phase AC Motor (230 V AC) having start capacitor and ON/OFF switch and overload protection, 2. Pressure relief valve and adjustable from 0-60 bar, 3. Oil reservoir, ≥ 5 Liters capacity having sight glass. Drain screw, air filter, and P and T ports.	1 No.
Pressure relief valve	Pilot- operated 1 No.	
Drip tray, steel	Size 1160 mm x 760 mm	1 No.
Pressure Gauge	Glycerin damped, indication range of 0-100 bars	1 No.
Four-way distribution	With five ports equipped with a pressure gauge	1 No.

SPECIFICATIONS

Name of the Item	Specification	Quantity
Double acting hydraulic cylinder	With a control cam, piston diameter 16 mm, piston rod diameter 10 mm, stroke length 200 mm	1 No.
Suitable weight	For vertical loading of hydraulic cylinder	1 No.
Mounting kit for weight	For realizing pulling and pushing load	1 No.
3/2 way direct directional control valve	With hand lever actuation	1 No.
4/2 way direct directional control valve	With hand lever actuation	1 No.
4/3 way direct directional control valve	Closed- centre position, with hand lever actuation	1 No.
Non return valve		1 No.
Pilot operated check valve	Pilot to open	1 No.
One way flow control	With integrated check valve	1 No.
T- connector with self-sealing coupling nipples(2 nos.) and quick coupling socket(1 no)		2 No.s
Profile plate	Anodised aluminium, 1100 x 700 mm, with carriers, mounting frames and mounting accessories (to be fitted onto the Hydraulic work station)	1 Set
Hydraulic work station with 40 square mm aluminium profile legs, wooden work surface, and one pedestal drawer unit having 5 drawers, each with handles and individual locks, on metallic full panel drawer slide	<ol style="list-style-type: none"> 1. Work table-size (Approx) L-1200 mm x w-900 mm x H- 900 mm. With four caster wheels including two lockable wheels at the front side. 2. Drawer –size (Approx) L-460 mm x w-495 mm x H-158 mm each and overall size of drawer unit. (Approx) L- 470mm x w- 495 x h- 825 mm and 3. Drawer slide height (Approx) 85 mm. 	1 No.
Cut –section model for hydraulic components.		1 Set

Features and specifications are subject to change without prior notice.

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