



The Mini-hydraulic trainer is designed to study & understand various such basic components used while automation. The trainer consists of actuating devices, controlling devices, accessories, gauges, regulating devices and fitting & hoses. Basic purpose of the trainer is to give student an exposure to various hydraulic components & its principal of working and operation.

The Mini-hydraulic trainer is light weight and portable demonstration of basic hydraulic components trainer, which can be easily movable to anywhere in the remote field / places. To have portability it uses water as hydraulic liquid. Hence all the components selected are rust proof and compatible with water. Light weight Mini pump is used to generate pressure energy for driving the cylinder. Water inlet and bypass lines are made available for connecting it to any available water sump source. The trainer requires a bucket of clean water and 230VAC mains supply.

Technical specification: -

- Light weight, easy to carry, lockable, rigid enclosure with caster wheels and trolley puller.
- Low cost, Water compatible hydraulic components and accessories.
- Industrial grade components like :
 - ✓ Double acting cylinder - 100 Stroke
 - ✓ 5x3 Hand lever operated direction control valve
 - ✓ Unidirectional flow control valve
 - ✓ Pressure relief valve
 - ✓ pressure gauge
 - ✓ Push fittings
 - ✓ Pressure and Return line manifolds
 - ✓ PU Tubing
- MS fabricated black powder painted mounting frame
- Water pressure pump with self illuminated ON/ OFF switch.
- 230VAC mains operation.
- 1A fuse protection for motor

Note: Specifications are subject to change.

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