

**Product Name :**  
Hydraulic Trainer Kit - Basic

**Product Code :**  
NE-CNC-LAT48



**Description :**

Hydraulic Trainer Kit - Basic

**Technical Specification :**

Hydraulic Trainer Kit - Basic.

**CNC TRAINERS AND**

**HYDRAULIC – PNEUMATIC TRAINERS**

CAD-CAM laboratory will help students to build their own skill set and confidence.

In the current era, when China is considered as the best manufacturing hub in the world, we are proud to have supplied We have collaboration with CutViewer (UK) for software support and (Singapore) for technical support.

We are also leading manufacturers of Hydraulic – Pneumatic Trainers. We have more than 400 Trainers working efficiently in top educational institutes all over India. We also supply PLC trainer kits for educational purpose.

**Features:**

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- Self combined mobile unit.
- All the components are easily accessible.
- Real life components of reputed manufacturers provided.
- Quick connections possible due to special fittings/pipes.
- Tried and tested components and circuits.
- PLC with MODBUS communication.
- PLC with software with help file
- Specially designed control panel enabling students to develop their own circuits
- Modular design with facilities to operate simple mechanisms
- Pneumatically operated models available as additional supply
- Training of Trainers offered at regular intervals
- Two years performance guarantee for any manufacturing defect

**Specifications:**

List Of Experiments:

**1. Study of pressure built up & setting relief valve pressure in hydraulic system**

**2. Study of 4/3 way direction control valve**

**3. Operation of single acting cylinder with 4/3 way direction control valve**

**4. Operation of double acting cylinder with 4/3 way direction control valve**

**5. Operation of hydraulic motor with 4/3 way direction control valve**

**6. Study of sequence valve**

**7. Sequencing of double acting cylinder & single acting cylinder**

## **8. Sequencing of single acting cylinder & hydraulic motor**

## **9. Meter- in speed control of hydraulic cylinder**

## **10. Meter-out speed control of hydraulic cylinder**

## **11. Study of bleed- off speed control circuit**

### **List Of Components:**

1. Trolley with frame & caster wheels
2. Hydraulic tank with filter & breather
3. Single phase flange mounted electric motor
4. Pressure Gauges
5. Gear Pump
6. Bell Housing
7. Flexible Coupling
8. Pressure Relief Valve
9. Flow Control Valve
10. Pressure Sequence Valve

11. 4/3 way manually operated direction control valve
12. Single Acting Cylinder
13. Double Acting Cylinder

## Naugra Export

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