



VEDANT ENGINEERING SERVICES
Excellence Through Quality >>>

: We are one of the renowned manufacturers of :

Special Purpose Machines | Hydraulic Power Pack & Cylinders | Hydraulic Systems & Equipments
Control Panel For Process & Automation | Industrial Process Automation | PLC, HMI & SCADA Systems.

Profile



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Established in the year 1997, Vedant Engineering Services (AN ISO 9001 : 2008 CERTIFIED COMPANY) ushered in the quality, excellence and reliability in the field of Hydraulic Equipments and Process Automation. We specialize in the manufacturing and supplying of Hydraulics Equipment & tools such as Hydraulic Equipments, Hydraulic Cylinders, Hydraulic Power Pack, Hydraulic Spares, Control Panels For Process & Automation also Automation For Productivity Improvement and Special Purpose Machines.

Our claim of being better than others is backed by innovative designs, cutting edge technology, excellent track record year after year and trust of our revered customers. Once someone uses our product, it etches in the mind. Our machines commit to the highest industry standards and outputs.

We are the best in the business owing to our reluctance to ignore quality for profits. We are competent and keep ourselves updated with changing technology to serve our customers better. We identify and acknowledge the ups and downs in the economy and market status, therefore we have priced our products considering masses and not just few sectors or individuals.

We boast of a rigid but flexible framework of manufacturing and supply to undertake any possible outage or untoward circumstances. Our growing sales and reputation proves that we have been able to make an identity for our products. Our equipment is time tested, cost-effective, unanimously accepted and applauded. Our products are climate and region independent and that gives them edge over all other manufactures.

Mr. Vinod Ajnadkar serving as the director of Vedant Engineering Services, has been extremely instrumental in growth of this company. His out-of-the-box ideas and improvisation in difficult situations, added solidity to the continuous growth of the organization.

➤ Hydraulic Training Kit



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Being one of the leading manufacturers and suppliers of the finest range of **Hydraulic Systems & SPM's**, we engage in using the finest machinery and materials in its manufacture.

Hydraulic power is widely used in Industry for different applications. **Hydraulic Trainer** is designed to demonstrate application of Hydraulic Power & build various Hydraulic Circuits using components. The trainer is useful to introduce the students with Basics of Hydraulics.

Each hydraulic component like valve, cylinder etc is mounted on a mounting plate & has adaptors for making connections using hoses.

→ **Experimental Capabilities:**

- To study Hydraulic Power pack & its components.
- To study operation of different Hydraulic Direction Control Valves.
- To study operation of Hydraulic Check Valve.
- To study operation of Flow Control Valve.
- To study operation of Pressure Relief Valve.
- To study operation of Linear actuators.
- To study speed control of Linear Actuators





PLC Based Hydraulic Trainer is designed to demonstrate operation of various Hydraulic Circuits with help of PLC Controller. The trainer used different electrically operated hydraulic valves & electronic sensors to demonstrate real life applications of Hydraulic Power.

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- To study operation of different Hydraulic Direction Control Valves.
- To study operation of Hydraulic Check Valve.
- To study operation of Flow Control Valve.
- To study operation of Pressure Relief Valve. To study operation of Linear Actuators.
- **To test following Hydraulic circuits**
 - Regenerative Circuit
 - Speed Control of Linear Actuators
 - Transverse & Feed Circuit
- **To test following PLC based circuits**
 - Operation of Solenoid operated direction control valves
 - Sequencing Circuit Clamping Circuit
 - Counter Circuit
 - Feed Back Control of Hydraulic Circuits
 - Operation of Electrical Limit Switch





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