



General Description:

The *Pressure Losses in Pipes* experimental unit is designed to study and analyze the relationship between fluid flow, pipe friction, and energy losses in various pipe configurations. The system incorporates advanced control features and durable components to ensure precise performance, user safety, and long operational life.

Technical Specifications:

1. Structure & Design

- **Blade Tilt Angle:** 6.5° for efficient section steel or steel plate cutting
- **Control System:** Inverter-controlled blade speed for smooth operation
- **Display Function:** On-screen malfunction diagnosis and notification system
- **Guide Arm:** Automatic movement for precise cutting alignment
- **Noise Reduction:** Integrated cutting-start noise abatement device

2. Hydraulic System

- **Guide Device:** Hydraulic carbide guide for stable and accurate blade guidance
- **Material Feeler:** Rapid material sensing system for quick setup and positioning
- **Blade Tension:** Hydraulic tensioning system for optimal cutting pressure
- **Chip Removal:** Motor-driven chip brush for efficient debris clearance

3. Clamping System

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- **Vise Type:** Hydraulic vertical press vise for firm material holding
- **Pressure Regulation:** Adjustable vise pressure regulator for varying workpiece requirements

4. Features & Benefits

- Precision control and safety through inverter-driven speed adjustment
- Automatic diagnostic system ensures quick fault detection and correction
- Hydraulic control ensures smooth and reliable operation
- Designed for industrial and laboratory applications involving pressure and flow analysis

Note – This is an AI generated image..As we will customize this product we dont have exact image for this.Actual product may vary at the time of manufacturing which will be complied with specs

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