HYDRAULIC PIPE BENDING APPLICATION TRAINING SET (EHA02)

Description

The Hydraulic Pipe Bending Application Training Set is a meticulously crafted educational toolkit designed to provide a comprehensive learning experience for individuals and teams involved in hydraulic pipe bending operations. This set caters to technical schools, training centers, and industry professionals, offering both theoretical knowledge and practical skills essential for mastering hydraulic pipe bending.

Able to learn : -

- Function and characteristic of hydraulic pipe bending system
- Control the speed and torque of hydraulic motor
- Design and use of different mid hydraulic directional valve
- Design and reading of electrical and hydraulic diagram of the system
- Construct and operation of pipe bending angle setting
- Calculate and determine the pressure and speed of the bending operation
- Identify different proximity sensor
- Creating sequence control by PLC program
- Fault findings in electrical hydraulic control system

Optional Item

- Computer Workstation
- PLC Training Kit

Required Item

- Custom Pipe Bending System
- Basic PLC Training Kit
- Experiment Manual
- Safety & Maintenance Manual

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Technical Specification : -

No	Component	Qty
1	Rotary Axis Actuator	1
2	Pipe bending system structure	1
3	1 Station manifold block	1
4	4/3 way solenoid valve	1
5	Pressure reducing valve	1
6	Flow control valve	1
7	Electrical lever switch	2
8	Hose 1500mm	2
9	Hose 1000mm	2
10	Portable structure	1
11	Mini power pack unit	1
12	Gear Box	1
13	Hydraulic oil	1
14	Oil Tray	1
15	Operation Push Button module	1
16	Electrical terminal module	1
17	Power Pack Module	1
18	PLC Control Module	1