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Loader Hydraulic System Fault Diagnosis Training

Simulator

PN: 0401050040



Loader Hydraulic System Fault Diagnosis Training Simulator

Features

1. Small size, easy operation and comprehensive applicability.
2. Overload protection and remote manipulation.
.The bench is made by cold-rolled steel with after spray, anti-corrosion treatment.
3. This education unit is made in accordance with the physical structure of a hydraulic loader to demonstrate the actual conditions of a hydraulic loader and to make students understand the loader hydraulic system and training in practice.
3. Experimental control mode: manual, electric and automatic.
4. This education unit can truly demonstrate the working process of the physical machine.
5. This education unit is effective to educate the troubleshooting and inspection theory and training.
6. The pressure-proof hose can reach 22Mpa.
7. with a three-phase leakage protection, and output voltage is 380V / 220V.

Loader Hydraulic System Fault Diagnosis Training Simulator

Typical Training Contents

1. To learn structure and working principle of a hydraulic loader transmission system.
2. To disassemble and assemble a hydraulic loader.
3. To operating a hydraulic excavator

4. Hydraulic loader hydraulic control experiments
5. Hydraulic loader electric control experiments
6. Hydraulic loader PLC control experiment
7. Mechanical-electro-hydraulic three in one control experiment.
8. Hydraulic line inspection/check.

Loader Hydraulic System Fault Diagnosis Training Simulator

The Main Technical Parameters

1. Power: 0.75KW
2. Rate pressure: 7Mpa
3. Size : approx. 580 X 1,270 X 1,210 mm
4. Weight : approx. 340 kg

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Main Configuration

Nos	Name	Specification	Qty
1	DC Relief Valve		3
2	Throttle Valve		1
3	Three position four way electromagnetic valve		4
4	Three position four way manual valve		3
5	Stacking hydraulic lock		6
6	Big boom cylinder		2
7	Small boom cylinder		1
8	Digging bucket cylinder		1
9	Rotating motor		1
10	Hydraulic meter	10MPa	3
11	PLC	FX1S-20MR	1
12	Motor pump	0.75Kw.8ml/rev	1

*Products and configuration list described herein are subject to changes without notice.