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Product Name :

Working Model Of Hydraulic Braking System

Product Code :

SLE/MCE/68



Description :

Working Model Of Hydraulic Braking System (Product Code: SLE/MCE/68) is a functional brake trainer used to demonstrate a complete four-wheel hydraulic braking system in automotive classrooms and service-training workshops. Built from real automotive disc and drum brake components on a heavy-duty metal stand with casters, it has a pressure gauge at each wheel showing the actual braking pressure. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
System	Fully functional four-wheel hydraulic braking system, disc and drum
Components	Real automotive components: all hydraulic components, brake pedal, power brake booster, parking brake pedal and parking brake components
Parking brake	Fully functional parking brake system
Pressure indication	Hydraulic pressure gauge at each wheel showing actual braking pressure
Access	Easy access to all brake components without the confines of a real vehicle
Stand	Heavy-duty metal stand with casters for easy transport
Dimensions	1000 × 800 × 1200 mm
Weight	140 kg (approx.)
Product code	SLE/MCE/68
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hydraulic Braking System Model Used For?

When a student presses the brake pedal, the power brake booster adds to the effort, fluid pressure travels through the lines, and the four gauges show the pressure reaching each disc or drum brake. The parking brake pedal can be applied separately to show how the mechanical parking system holds the wheels independently of the hydraulics.

Because every component can be reached on the open stand, the trainer doubles as a practice rig for brake repair and service procedures such as inspection, adjustment and bleeding. It is a practical choice of vocational training lab equipment for motor vehicle trades, diploma courses and automobile engineering departments.

OEM Manufacturer

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