

HYDRAULIC DOUBLE CIRCUIT BRAKE SYSTEM SIMULATOR

N98-ND12275



The simulator is composed of authentic elements from the braking system of a medium powered vehicle. The functioning is guaranteed by means of an electronic three phase 120V engine, which then transmits the motion to the front and rear wheels in two directions by means of a hydraulic engine. The servo brake is connected to a vacuum pump in order to simulate its motion. A range of manometers and taps allow for easy measurement and the ability to change pressure of the two systems (front and rear). The brake pedal is connected to a lever in order to measure the foot effort during the braking phase.

SPECIFICATIONS

- 2 Disk brakes connected to a constant-velocity joint
- 2 Drum brakes connected to axle shafts
- Double circuit hydraulic brake pump with tank
- Depressure servo brake with pedal
- Hand brake lever connected to rear drums
- Hydraulic diverter to reverse the spin direction
- Hydraulic ECU connected to a hydraulic engine in order to transmit the motion to the wheels
- A range of manometers to measure the tire pressures
- A range of taps to simulate circuit interruptions
- Vacuum pump for servo brakes
- Electronic three phase 120V engine

APPLICATIONS

- Practice brake system maintenance
- Test the efficiency of the braking system
- Simulate the front circuit failures
- Simulate the rear circuit failures
- Simulate the presence of water in the braking system
- Recognize servo brake presence
- Observe the functioning of the service brake
- Observe how temperature affects the efficiency of the braking system



OPERATES
ELECTRICALLY



MOUNTED ON
STAND WITH
WHEELS

WEIGHT & DIMENSIONS

120cm x 160cm x 154cm (L x W x H)

Net Weight: 270 kg

Gross Weight: 400 kg

Version2.1.JL030716



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