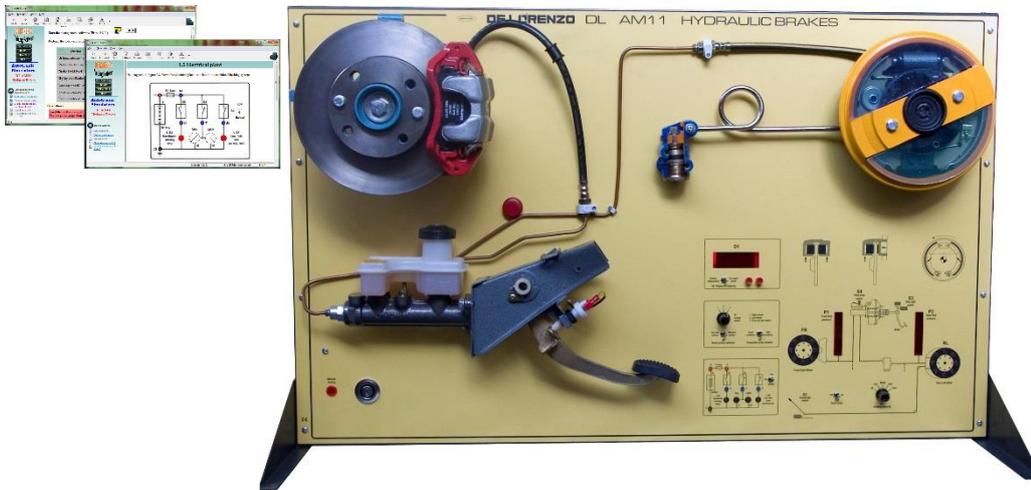




## HYDRAULIC BRAKES



### DL AM11

#### LEARNING EXPERIENCE

This simulation panel has been specially designed and realized to allow for a complete and easy learning of the techniques and the electromechanical devices used in the hydraulic braking systems in the cars.

This demonstration panel comprises a disk brake in the front wheel and a drum brake in the driving wheel.

It is possible to simulate the following braking systems:

- Splitted service braking system, with division on front axle and rear axle
- Lever type parking braking system, on the rear axle

It is possible to rotate slowly both wheels. Activating the brake, both wheels will stop. It can be moved hydraulically the cylinder.

#### GENERAL CHARACTERISTICS

- Dim. mm approx (HxLxW) : 700x1000x150 - (470 with the base)
- Weight approx. kg 25
- Input power supply: AC 220V±10% 50 Hz
- Working temperature: -40°C ~ +50°C.

#### MAIN CHARACTERISTICS

The system covers the following subjects:

- Back wheel bind (lock), pressure does not drop after releasing pedal
- Vacuum loss
- Back brakes failure
- Front brakes failure
- Hand brakes
- Brake light failure

This vertical frame bench-top trainer is specially designed to show to students how automotive systems work. The simulator consists of a panel operated by the support of a computer with a coloured silk-screen diagram that clearly shows the structure of the system and allows the location of the components on it.

The display of the information available on the computer screen allows the continuous control of the educational system. The operational conditions can be entered by the students and the insertion of faults can be carried out through the computer by the teacher.

The trainer is supplied with a CAI Software and the supported documentation guides the students to the study and the performance of the simulation exercises.

All components installed and given leads are made to protect the safety of the students.