

MECHANICAL DIAGNOSIS CLAMP OF BRAKE.

Ref. : DIAG - MECA. EF



REAL CALIPER + PEDAGOGICAL SOFTWARE = IDEAL LINK BETWEEN REAL SYSTEM AND DIGITAL MODEL

- ✔ Product intended for:
 - Training Centers
 - Maintenance and repair schools
 - Mechanical schools
 - Higher education institutes

- ✔ This training stand may be used for other disciplinary subjects:
 - Mathematics
 - Physics
 - Electrical technology
 - Technical engineering

- ✔ Related pedagogical activities are:
 - Overall brake caliper skills
 - Regular maintenance
 - Corrective maintenance
 - Measurement and control
 - Diagnostic

- ✔ Digital 3D model included

- ✔ Brake caliper stand is equipped with :
 - Pressure transducer
 - Load cell
 - Rotary encoder

- ✔ This stand is initially equipped with:
 - PC
 - HD screen 16:9
 - Battery + charger
 - Professional tools:
 - ratchet + square socket+extension
 - Open-end wrench 13

- ✔ Discovery of the system to the diagnosis by privileging measurement.

- ✔ Practical works provided and adapted to the training levels.

- ✔ All inclusive service, shipping, installation and training.



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DIAG. MECA

Permanent mechanical breakdowns:

- Brake pad thickness
- Brake pad surface degradation
- Contaminated brake pads
- Piston stuck
- Seized piston

Professional tools stored in the lower part (locked) :

- Ratchet + square socket 27 for manually training of the CALIPER,
- Open-end wrench 13.

Warranty : 1 year



Computer equipment:

PC
Software Installed and made by DIDAC BDH
HD screen 16 : 9

Full software content exploitation defined by topics:

- Discovery interface:
 - Resources & digital model 3D
- Measure interface:
 - Effort, braking torque, rotation of the disc,...
- Diagnosis interface with possibility a test drive :
 - Simulation of test drive with mechanical trouble.
- Diagnosis interface by roller power test bench:
 - Simulation roller power test bench a vehicl with mechanical trouble.

Frame:

Movable on casters (2 braked)
Usable in classroom and workshop

Dimensions:

L : 700 mm P : 660 mm H : 1 700 mm

Weight: 85 Kg

Power supply :

220 V 50 Hz

This pedagogical stand promotes learning and training of practical skills in the school program «Vehicle maintenance», student will be able to:

- To communicate internal and with third parties,
- To diagnose a mechanical malfunction,
- To remit under the norms : the systems, the subunits, the items,
- To perform the vehicle gauges,
- To control and test vehicle performances.

PEDAGOGICAL ACTIVITIES

TOPICS:

- Structure of disk brake system (caliper, adaptor, disk)
- Training of removing, replacing brake pads and brake disk
- Training of control the brake system pressure
- Mechanical diagnosis of disk brake system
- Roller power test bench
- Dynamic performance

TRUCKS

CARS

AGRICULTURAL VEHICLES



WITH DIDAC BDH :

Complete didactical set provided.

Learning assistance coaching.

All-inclusive service.

DIDAC BDH S.A.R.L

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