



This equipment has been designed to verify the validity of the theoretical expressions that determine the force exerted by a jet on different types of blades.

HIGHLIGHTS

- The equipment can be connected to the hydraulic bank and the hydraulic group with flow meter.
- Simple and quick blade change system, without using any type of tool.
- Three different types of blades, 90, 105 and 180°.

LEARNING OBJECTIVES

- Study and determination of the force exerted by a jet on a flat blade, water outlet at 90°.
- Study and determination of the force exerted by a jet on a blade with a deviation angle of water of 105°.
- Study and determination of the force exerted by a jet on a hemispherical blade, water outlet 180°.

TECHNICAL DATA

Blades:

- Blade 90°
- Blade 105°
- Blade 180°

Weights:

- 1 of 500 grams.
- 4 of 100 grams

Nozzle:

- Outlet diameter 4,8 mm.

REQUIREMENTS

- Hydraulic Bench FL 01.4 or hydraulic Group FL 01.1 + Flow meter.