# Front protection for hydraulic test bench FIT50

### FPF/50 series

For a safer testing



#### **Description**

The FPF/50 is an optional equipment for the FIT50 test bench. It is expressly designed to allow safer testing operations of high pressure and fire extinguishers. cylinders It is composed by two lateral supports with slides where the protection front panel scrolls vertically. The front protection panel is counterbalanced in order to reduce the operator effort and ease the lifting and steps of the protection. The FPF/50 is equipped with a position detecting system which is interfaced with its electric panel board and a high pressure purge device allowing to supply high pressure to the cylinders under test only if the front door is correctly closed. If the front door is opened during the cylinder pressurization by water, the pressure is automatically purged from the cylinders. The frontal door has a large window protected by a grid allowing to see the cylinders under test when the door is closed.

#### TECHNICAL SPECIFICATIONS

MODEL	FPF/50
Required air pressure (bar)	Min 7 / Max 10
Voltage / Frequency (VAC/Hz)	230/50
Installed power (kW)	0,5
Dimensions (W x L x H) (mm)	2500x2800x4500
Weight (approx. kg)	500

FPF/50 is the protection for n° 1 test bench FIT50. For test bench FIT50/DUO, n° 2 FPF50 are required.



## Front protection for hydraulic testing bench



#### MAIN COMPONENTS AND DEVICES

- > Painted steel support structure
- > n° 2 lateral pillars with counterweights and shock absorber
- > n° 1 fixed front panel (on the top of the sliding door)
- > n° 1 sliding door with windows internally covered by polycarbonate panels
- > n° 1 front door position device
- > main electric panel board with 24 V. controls



Detail of the open front door



Detail of the closed front door



