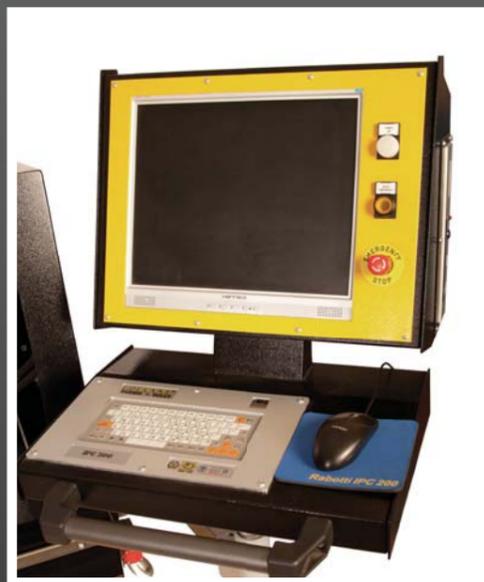


IPC 200



Rabotti IPC 200



FUNCTIONS

- Test bench for PDE and EUI Systems
- Developed to test the efficiency of three injector –pumps at the same time
- The test bench carries out automatically checks on the injector-pumps by making them work at three different RPM of the cam: 500, 800 and 1000 rpm
- The control of driving motor is completely automatic
- The power supply to the solenoid can be monitored constantly
- At the end of the test a printable report on the screen shows the pressure curves, the injection output and a diagnosis of the possible faults
- In addition to the automatic test it is possible to carry out free tests as well
- The pressure measuring is obtained through a set of complex sensors, while the delivery measuring takes place through a high precision volumetric sensor
- The injectors control parameters can be obtained through the data base installed in the test bench
- The bench automatically shows the operation of the solenoid (open circuit, short circuit, etc..)

TEST

- A full test cycle on the Injectors-Pump includes:
 - Injector-Pump test at 500 rpm;
 - Injector-Pump test at 800 rpm;
 - Injector-Pump test at 1000 rpm.
- During the test, the following information for each Injector-Pump is given.
 - The average oil quantity for each stroke (in figures and with an icon – simulated graduate) in cubic millimetres;
 - The average flow injected in cubic centimeters per minute;
 - The maximum pressure in bar reached inside the injector;
 - A graph showing the injector pressure trend in relation to time.

DIMENSIONS

Bench:
2440 mm x 850 mm x 1620 mm
Gross Weight: 700 kg

TECHNICAL FEATURES

Power	400V 50 Hz
Current absorption	35 A
Driving Motor	Tension: 400 V Frequency: 50 Hz Power: 11 kW
Oil tank capacity	50 Lt
Oil density	0,825 kg/dm ³
Recovery oil tank	8 Lt
Test oil pump	3,8 cm ³ /lap
Lubricating oil pump	1,2 cm ³ /lap
Heater	2 kW
Range of measurement for injector's flow	0-500 cm ³ /min
Range of measurement for injector's pressure	0-2000v bar
Speed & torque	DTC Speed range: 0 – 1300 rpm
Pumps motor	Tension: 400V Frequency: 50 Hz Power: 0,12 kW Speed: 1380 rpm
Up/down motor for injectors platform	Tension 400 V Frequency: 50 Hz Power: 0,3 kW