

# HPP100

The Rabotti HPP100 has been designed to allow an exhaustive analysis of Common Rail pumps. The stand allows the measurement of the CR pump feeding pressure, the delivered flow-rate, the amount of over-flow used for pump lubrication/cooling, the instantaneous rail pressure and the absorbed power in different operative conditions managing motor speed, rail pressure set-point and current levels to the pump-integrated regulators (if present).



# Technical specifications:

## General:

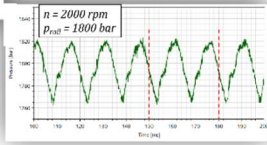
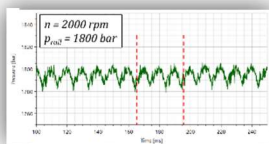
- 1) Depth = about 1200 mm;
- 2) Height = about 1680 mm;
- 3) Length = about 1920 mm;
- 4) Weight = about 550 kg;

## Electrical Data:

- 1) Voltage.....400 V;
- 2) Max absorbed current.....26 A;
- 3) Installed Power..... 15 kW;
- 4) Tank heater power.....2 kW;
- 5) Main motor power.....11 kW;

## Operative Data:

- 1) Tank volume..... ≈ 45 l;
- 2) Tank temperature..... 40 ± 3 °C;
- 3) Test fluid..... ISO4113;
- 4) Max working pressure..... 2000 bar;
- 5) Feeding pressure range: ..... 1.5÷6.5 bar;
- 6) Pump over flow range: ..... 0.02 ÷ 4 l/min;
- 7) Pump delivered flow range: ..... 0 ÷ 4 l/min;
- 9) Maximum motor speed: ..... 3600 rpm;



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