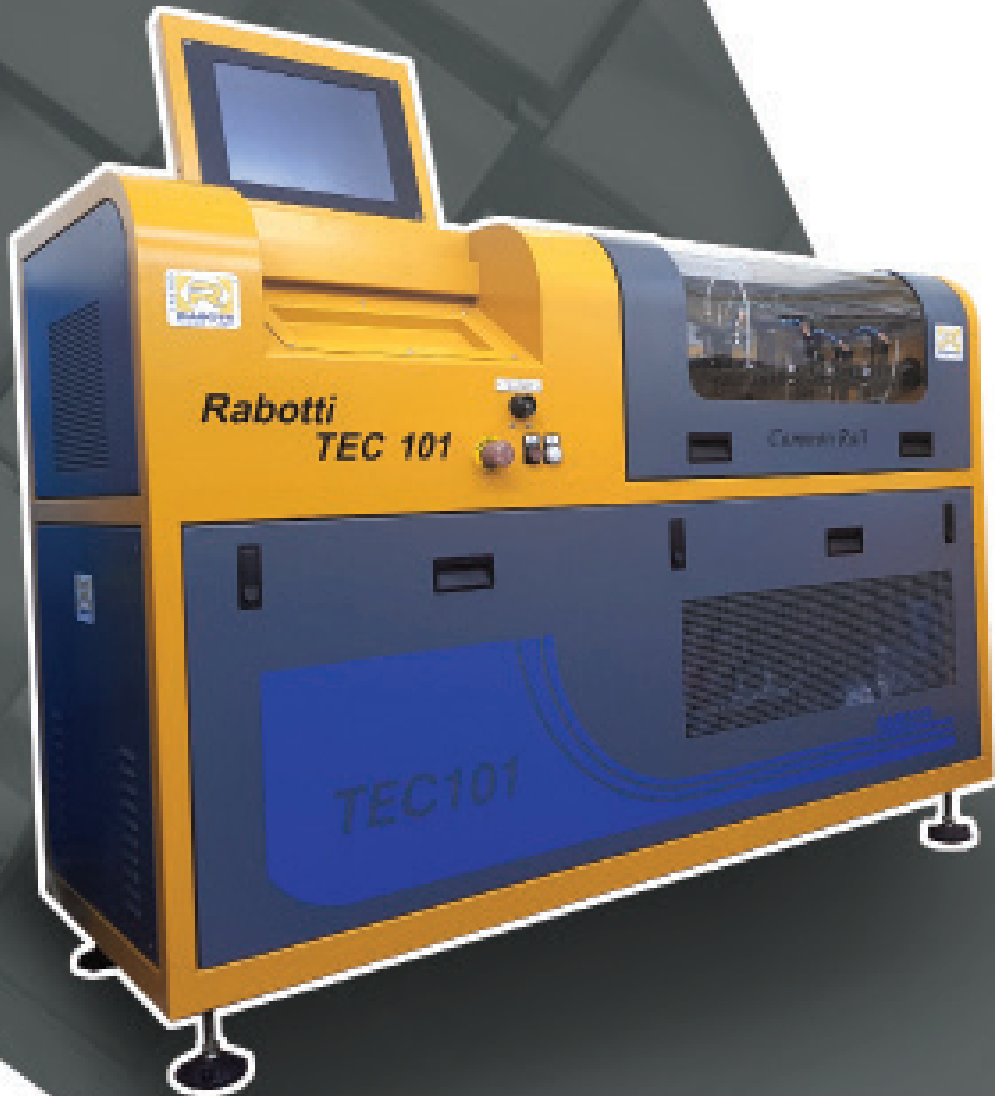


TEC101

Common Rail Test Benches



Rabotti TEC101 has been upgraded in 2020:

- The electronic boards and software have been completely redesigned to enhance bench functionalities
- The arrangement of the injectors has been changed to improve bench usability reducing from 6 to 4 the injector adapters
- External devices like Coder, QR Code and IIC Coder are no more requested*

These enhancements allow to introduce the following new features

- IMA coding for Bosch solenoid injectors for passenger cars (CRI2);
- 6 and 10 character IMA coding for Bosch industrial solenoid injectors (CRIN);
- 7 and 10 character ISA coding for Bosch piezoelectric injectors (CRI3);
- Bosch dual coil CRIN4.2 injector test;
- Coding C2I, C3I and C4I for Delphi DF11-DF11.5 and DF11.20 injectors;
- 16, 22, 24 and 30 character coding for Denso injectors;
- Internal sensor test present in Denso i-ART injectors;
- 6-character coding for VDO injectors;
- Test of the NTC temperature sensor present in Denso pumps.

* an activation and an annual license are required

DIMENSIONS AND WEIGHT

Dimensions (W x L x H)
2100 x 720 x 1290 mm

Weight
800 kg

FLOW SENSORS FEATURES

Injectors Flow Range (Delivery)
1 ÷ 500 mm³ / stroke

Injectors Flow Range (Backflow)
1 ÷ 4000 cm³ / min

Pumps Flow Range (Delivery)
1 ÷ 4000 cm³ / min

Pumps Flow Range (Backflow)
200 ÷ 4500 cm³ / min

PRESSURE DATA

Working Pressure Range
Up to 2500 bar

DRIVING MOTOR

Engine Power
11 kW

Velocity Range
0 ÷ 6000 rpm

ELECTRICAL DATA

Electrical Socket
3P + N + GND

Voltage - Frequency - Amperage
400 / 230 V - 50 / 60 Hz - 40 / 70 A

Power Required
19 kW

TEST OIL

Oil Tank Capacity
50 L

Oil Type
DIN ISO 4113