

Rabotti CRS200



The new Rabotti CRS200 bench is the result of the long experience gained by the Rabotti staff at the service of modern repair workshops for Diesel injection systems. It features a modern and lighter structure with particular attention to the convenience of installing pumps and injectors to be tested while preserving the historical strengths of the Rabotti benches such as reliability, ease of use, the breadth of the database and the accuracy of our shot-to-shot measurement system ("Cylinder") which is widely recognized by the market by now.



- ✓ IMA Coding for Bosch Solenoid injectors (CRI2)
- ✓ IMA 6/10 characters for Heavy Duty Bosch injectors (CRIN)
- ✓ ISA 7/10 characters for Piezoelectric Bosch injectors (CRI3)
- ✓ Test of Dual Coil Bosch Injectors (CRIN4.2)
- ✓ C21/C31/C41 coding for DFI1-DFI1.5 and DFI1.20 Delphi injectors
- ✓ 16/22/24/26/30 characters coding for Denso Injectors
- ✓ Integrated Pressure Sensor check for Denso i-ART injectors
- ✓ 6 characters coding for Siemens/VDO injectors
- ✓ Large Diesel Engine Injectors Test ("LDE" such as L'Orange)
- ✓ Bosch CP1/CP3/CP4 CR pump test



- ✓ Delphi DFP1, DFP3, DFP4, DFP6, DFP7 pump test
- ✓ Denso HP3, HP4 pump test (Integrated NTC sensor check)
- ✓ Siemens/VDO CR pump test
- ✓ Synchronized Denso HP5 pump test
- ✓ Synchronized Bosch CP4E pump test

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Technical Data

Feature	Value	Note
Dimensions	1600 x 900 x 1820h* mm	*Adjustable feet
Weight	~ 550 kg	
Calibration fluid compliance	ISO 4113	SRS Calibration Fluid CV suggested
Tank	Clean fuel ~ 32 L Flush volume ~ 12 L	
Fuel Heater	2 kW	Electric type
Operating Temperature	40 ± 3 °C	Typical
Electric Motor	11 kW – 4p – 50/60 Hz	Asynchronous
Power supply	400 Vac – 26 A 50/60 Hz	3P + N + PE
Rated Pressure	2500 bar	3000 bar rupture disk
Max Motor Speed	4500 rpm	Inverter controlled
Feed Pressure	0 ÷ 6.5 bar	Automatic control, Electronic measurement
Vacuum Pressure	-1 ÷ 0 bar	Electronic measurement
Injector fixtures	2	
Injected flow range	0.1 ÷ 450 mm ³ /str.	Shot-to-Shot flowmeter
Injector backflow range	1 ÷ 1000 cc/min	
Pump delivered flow range	0.001 ÷ 4 l/min	
Pump backflow range	0.2 ÷ 4.5 l/min	
LDE Injector flow	1 ÷ 1500 mm ³ /str.	
Cooling System	Air fan + Water line	Max input water temperature 20°C, Chiller available as option
Air supply	min. 4 bar	
HMI	21" touchscreen	
OS	Windows 10/11 PRO	

Indra software

**“Pay As You Go”
coding**



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