

ELECTRONIC DEVICE

RABOTTI MBB Retrofit

The MBB Retrofit is an electronic rack that allows the transition of TEC201 and TEC100 test benches, still equipped with the obsolete MBB board, to the more modern modular electronics (EM), the same used in the most recent Rabotti test benches.

Thanks to the proposed upgrade, these benches raise their technological level to that of the latest generation Rabotti benches, providing greater accuracy in electric command generation and measurements, thus ensuring benefits in terms of quality of service offered by our loyal customers.

Features

Update of the complete electronics of the bench to the last generation EM technology
Access to the newer Indra software with improved functionalities and accuracy
Access to the new “Pay as you go” strategy to manage coding
Accuracy and repeatability of the injector current profile generation: improved compared to old MBB thanks to the modern electronic architecture
Spare parts availability: most of the components installed on the MBB board are out of production resulting in high repair cost or necessity to change the complete board
Accuracy of pump regulators current generation during automatic tests: improved compared to old MBB thanks to the modern electronic architecture
Credits for Coding management: credits substitute the standard annual licenses applied for coding
New Software: all new functionalities and test plan are primarily developed on the new software

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Technical data

FEATURE	MBB RETROFIT	NOTES
IMA coding for Bosch Solenoid injectors (CRI2)	✓	Kit included in the retrofit
IMA 6/10 digits for Heavy Duty Bosch injectors (CRIN)	✓	Optional kit on request
ISA 7/10 characters for Piezoelectric Bosch injectors (CRI3)	✓	Kit included in the retrofit
C2I/C3I/C4I coding for DFI1-DFI1.5 and DFI1.20 Delphi injectors	✓	Kit included in the retrofit
16/22/24/26/30 characters coding for Denso injectors	✓	Kit included in the retrofit
6 characters for Siemens/VDO injectors	✓	Kit included in the retrofit
Bosch CP1/CP3/CP4 CR pump test	✓	Optional kit on request
Delphi DFP1, DFP3, DFP4, DFP6, DFP7 pump test	✓	Optional kit on request
Denso HP3, HP4 CR pump test	✓	Optional kit on request
Siemens/VDO CR pump test	✓	Optional kit on request
Synchronized Denso HP5/Bosch CP4E/Continental DHP1 CR pump test	✓	Optional kit on request
Testing Cummins XPI injectors	✓	Optional kit on request

Highlights

“Pay as you go” coding

Our Pay As You Go model provides flexible, cost-efficient injector coding—purchase credits only for the coding operations you need. No upfront fees, no wasted licenses—just scalable, on-demand access to coding for all major injector brands.



Indra Software

Rabotti’s Indra Software is the advanced control system powering our test benches, offering precise real-time monitoring, automated diagnostics, and customizable testing for fuel injectors, pumps, and more. With an intuitive interface and multi-brand compatibility, it ensures accurate, efficient performance validation.



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