



MERLIN

TEST EQUIPMENT

MDS 7000 & KB1000

BOSCH ALL-MAKES TEST PLANS



DISCOVER DIESEL EXCELLENCE



MDS 7000

FEATURING **KB1000-L** CAT EUI CODING SOLUTIONS

Multifunctional Test Stand for All Applications

Features:

- Ergonomic Interface
- Accurate
- Easy Access for Maintenance
- Large Work Area with Opening Side Door
- S1000 Coding Software Included – Denso Delphi, Siemens, John Deere, CAT/Perkins
- KB1000-L CAT EUI Coding inbuilt (optional)
- All-makes Test plans – 48 hour response
- Digital 24" LCD Touch Screen
- Common Rail – Tests up to 2400 bar
- EUI Compatible



Complete Test Solution Covering:



Common Rail



EUP



HP0



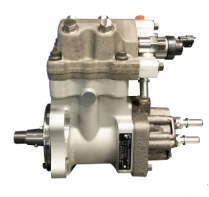
HEUI



CAT/Perkins



Bosch CPN5



Cummins QSK



Common Rail



Bosch EUI



Delphi EUI



CAT EUI



CAT C7 / C9



Navistar



CAT C4/C6



Cummins HPI



Cummins XPI QSK

KB 1000 CAT EUI CODING

Our new to range **KB1000** and **KB1000-L** are two Caterpillar electronic unit injector (EUI) coding solutions, designed for workshops operating the MDS7000 and workshops currently running all-makes benches.

This unique solution creates correction offsets (trim codes) for the CAT 3500 and C Series EUI.

The KB1000 is a stand-alone interface and comes complete with the cam-box. This software allows the operator to dynamically set the injectors fuelling by inputting a trim code from a database.

The KB1000-L software, inbuilt on the MDS7000, generates trim codes from the fuelling of the injector on test.



BOSCH DCI700



The **DCI 700** offers you and your workshop extremely efficient testing with its short mounting and testing times, which enables four common rail injectors to be tested in less than 15 minutes. This includes those with Needle Closing Control (NCC) and Valve Closing Control (VCC).

- High-pressure pump CP4.2
- CRI accessory kit for solenoid and piezo CRIs
- 15.6" LCD Touchscreen
- Swivelling tray for keyboard and mouse

BOSCH DCI200



The **DCI 200** single common rail injector test bench has advantages for the workshop. Workshops benefit equally from the short setup and testing times as well as from the user-friendly operation during daily work.

- CRI accessory kit for solenoid and piezo common rail injectors
- High-pressure pump CP4.2
- 15,6" LCD Touchscreen
- CRIN 1 / CRIN 2 / CRIN 3 / CRIN 4.2

BOSCH ALL-MAKES TEST PLANS

Merlin Diesel are pleased to announce we will soon be offering an all-makes test plan solution for the Bosch DCI 700 and DCI 200 test benches.

We will be providing this solution to the entire diesel network worldwide and will cover the most popular references from Denso, Delphi and VDO.

Our planned launch date is 01/01/2025 and our stage 1 roll-out will include the following references:



Part No.	Make	Part No.	Brand	Part No.	Brand
095000-522#	Hino	28229873	KIA/Hyundai	28370681	VW
095000-534#	Isuzu	28229876	JCB	28387256	Daedong
095000-544#	Toyota	28230891	Mercedes	28388960	Ford
095000-552#	Toyota	28231014	GWM	28389783	JCB
095000-560#	Mitsubishi	28231462	Volkswagen	28475604	Volkswagen
095000-565#	Nissan	28232242	Renault	28565335	Volkswagen
095000-576#	Mitsubishi	28232248	Renault	28565336	Volkswagen
095000-610#	Isuzu	28232251	Renault	28577054	Volkswagen
095000-624#	Nissan	28236381	KIA/Hyundai	28654965	Volkswagen
095000-625#	Nissan	28237259	Renault	28657626	Peugeot
095000-635#	Kobelco	28253155	Mahindra	R00101D	Ford
095000-636#	Hino	28258683	JCB	R00301D	Ssangyong
095000-637#	Isuzu	28264952	GMDAT	R00501Z	Ford
095000-650#	John Deere	28270450	JCB	R00504Z	Ford
095000-659#	Hino	28271551	Mercedes	R01001D	Ford
095000-749#	Mitsubishi	28272472	Mercedes	R01101D	Ford
095000-750#	Mitsubishi	28280576	TATA	R02801D	KIA/Hyundai
095000-829#	Toyota	28288104	TATA	R03301D	JMC
095000-890#	Isuzu	28288930	ASHOK	R03701D	KIA/Hyundai
295700-053#	Toyota	28307309	Mercedes	R03902D	KIA/Hyundai
295050-018#	Toyota	28308779	Mercedes	R04201D	Mercedes
295050-054#	Toyota	28317158	JCB	R04401D	Ssangyong
295050-176#	Mitsubishi	28337917	Doosan	R04501D	Ssangyong
28347042	Doosan	28342997	Mercedes	R04601D	Ssangyong

We hope to progress swiftly with constant new references and as we establish a bigger database, will be happy to receive unique requests for specific test plans.

Please register your interest here: www.linktr.ee/merlindiesel or scan the QR code.



- Diesel Pump / Injector / Test and Repair
- Suppliers of New and Remanufactured Pumps / Injectors
- Technical Support
- Test Equipment
- Parts Sales
- Injector Software Coding Solutions
- Conference and Training Facilities

EXPORT SALES

T: +44(0)1772 694133

E: export@merlindiesel.com

UK SALES

T: +44(0)1772 694130

E: uksales@merlindiesel.com

TEST EQUIPMENT

T: +44(0)1772 694185

E: testequipment@merlindiesel.com



COLCHESTER FUEL INJECTION

Members of the Merlin Group

Merlin Diesel Systems Ltd | 189-191 Bradkirk Place | Walton Summit Centre | Preston | Lancashire | PR5 8AJ



BOSCH
Invented for life



Perkins



ROBIEL



YANMAR



vitesco
TECHNOLOGIES