

INSTRUMENTATION

RABOTTI
PRESS FOR ASSEMBLY/ DISASSEMBLY OF INJECTORS

We have developed the PRESS for assembling and disassembling injector components that require high axial forces. It enables precise tightening without damaging the pins and safe removal of coil spacers on various injector types (e.g., CRI 2.1 – CRIN 3).

Tech. data

FEATURES	VALUES
Dimensions	250 x 420 x 685h mm
Weight	20 kg
Force multiplication constant	1 Nm on dynamic wrench corresponds to 52 kg
Slide height adjustment	6 fixed positions via pins
Working plane adjustment	4 angular positions, rotatable 360°



INSTRUMENTATION

RABOTTI
LAPPING MACHINE

Tool for reconditioning the conical seat of Bosch valves, preventing recirculation and low flow rate. Also useful for precise adjustment of repair shims.

Tech. data

FEATURES	VALUES
Dimensions	210 x 210 x 450h mm
Weight	13 kg
Motor speed	2600 rpm
Tool activation	Manual control
Kit (included)	4 conical pins + supports

Rabotti S.r.l.
P. IVA IT01365710035

Via Capponi 13,
10148 Torino (IT)

+39 011 2297836 / 842
sales@rabotti.it



INSTRUMENTATION

RABOTTI MICROSCOPE

Our MICROSCOPE enables precise inspection of internal injector components, with continuous 10x–45x magnification and shadow-free LED illumination.

Tech. data

FEATURES	VALUES
Dimensions	185 x 250 x 390h mm
Weight	6 kg
Magnification	10x ÷ 45x continuous
Working distance	97 mm
Surface illumination	48-point LED illumination



INSTRUMENTATION

RABOTTI MEASUREMENT SYSTEM

Our MEASUREMENT SYSTEM, featuring micrometer probes, a load cell, and integrated ICARE software on a built-in PC, enables high-precision electrical and mechanical tests on multibrand injectors. It provides data on tightening torques and components to be replaced, ensuring reliable CR injector regeneration. Compatible with Bosch, Denso, Delphi, and Siemens. The set is completed by: Lapping Machine, Press, and Microscope.

Tech. data

FEATURES	VALUES
Dimensions	230 x 450 x 750h mm
Weight	30 kg
Two probes with resolution	1µm
Load cell range	0 ÷ 10Kg

Rabotti S.r.l.
P. IVA IT01365710035

Via Capponi 13,
10148 Torino (IT)

+39 011 2297836 / 842
sales@rabotti.it