

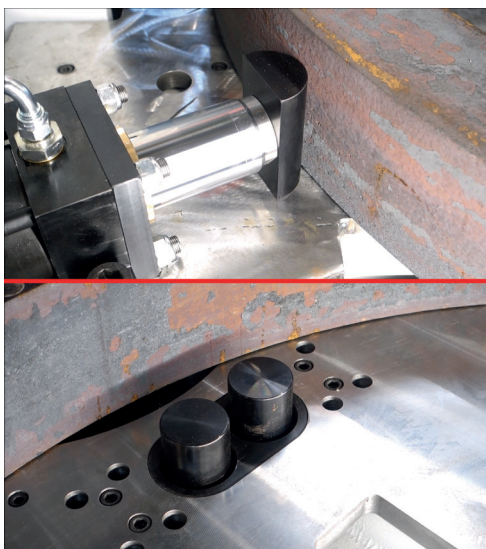
EASYRINGS

BRINELL HARDNESS TESTER FOR LARGE DIAMETER RINGS



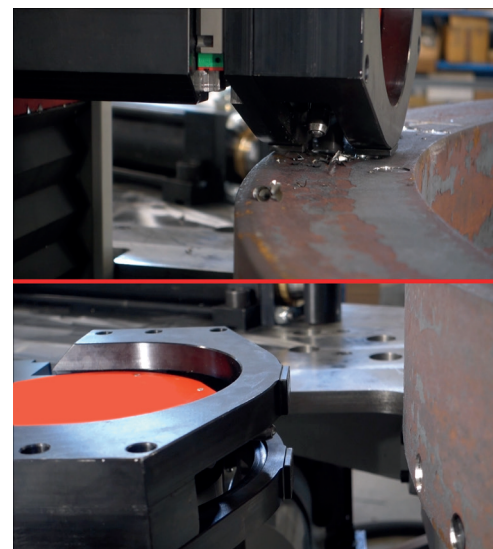
Easyrings is a special **production hardness tester** that differs in every respect from ordinary laboratory hardness testers: the structure is made of solid steel and is designed to support the weight of very heavy components such as metal rings, moved using forklift trucks or other positioning and transport systems, as well as to withstand working environments. Conceived as a tool that performs an actual **production process**, Easyrings allows faster testing operations thanks to the Easydur **Multi-slot head** with **integrated milling system** to remove the surface layer and reach various test depths consistently and without the use of a hand grinder.

Thanks to the **proprietary software** developed by Easydur, the operation of Easyrings is highly intuitive.



EASYRINGS

Being specially designed to perform hardness tests on **rings with a very large diameter**, **Easyrings** is made up of a series of elements that make it adaptable to all circumstances: a pneumatic system makes it possible to centre and hold the component being tested, while the column supporting the multi-slot head with integrated milling can be reclined, allowing the entire testing process to also be performed on the walls: i.e. at 90°.

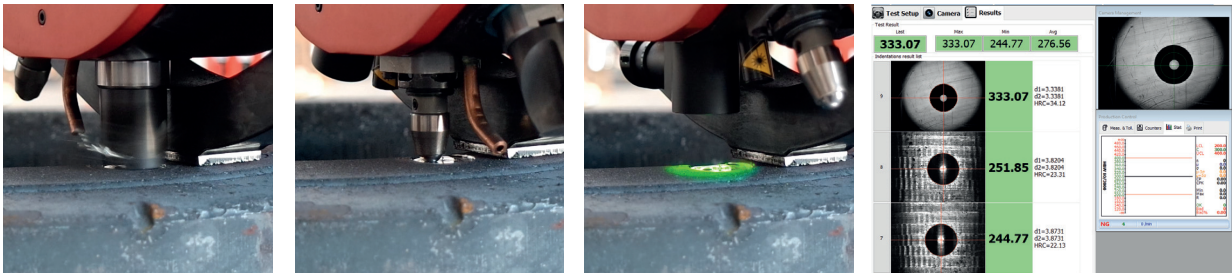


EASYRINGS

BRINELL HARDNESS TESTER FOR LARGE DIAMETER RINGS

Equipped with the special **Multi-slot head** designed by Easydur, EASYRINGS can:

- Locate the correct test point with maximum precision thanks to the laser pointer
- Automatically perform surface preparation, adjusting RPM and test depth (up to 5 mm) through a dedicated slot inside the revolver head
- Complete the indentation, using the appropriate indenter
- Read the indentation using the optical system with autofocus
- Generate the test report, which is then directly forwarded to the company management system



TECHNICAL CHARACTERISTICS

Surface preparation even on small pieces without clamping	
Possibility of milling pieces up to	55 HRC
Adjustable milling depth	from 0 to 5 mm (Ra 2.5 to 3.2)
Test loads	750 - 1.000 - 3.000 Kg
Spheres from	Ø 5 mm to Ø 10 mm
OPC-UA Module for Interface 4.0 with Management Software	
Functional control with a single command	
Solid steel structure	
Self-learning	

INTERFACEABLE EXTERNAL HARDWARE



- Marker
- QR/BAR Code Reader
- Optical instruments in general
- Automatic Lines
- AGV intelligent forklifts
- Automatic bridge crane

