

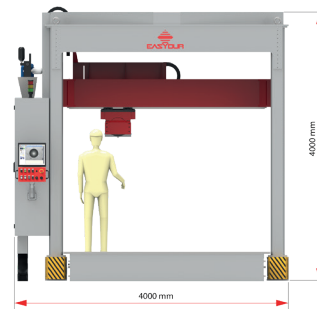
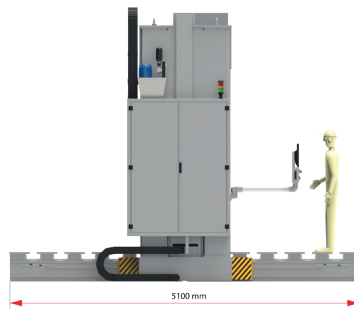
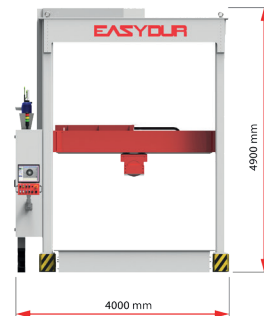
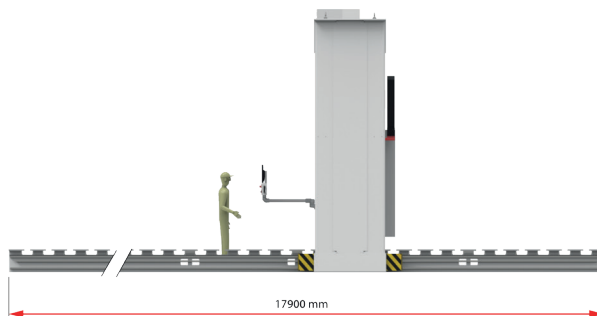
# PORTAL EASY 3000

## PORTAL HARDNESS TESTER



EASY 3000 is a portal hardness tester for Brinell and Rockwell tests specifically designed for testing medium, large and very large forged items.

It's a machine designed for forging and heat treatment facilities that need to perform hardness tests on rough pieces of different shapes, which due to size constraints cannot normally be characterised using standard hardness testers



### **EASY 3000 is equipped with 3 motorised axes:**

- Vertical Head Movement
- Lateral Head Movement (Right - Left)
- Movement (forward - backward) of the entire pallet structure, along the pallets

(It is therefore possible to work in self-learning mode with CNC programming of the axes)

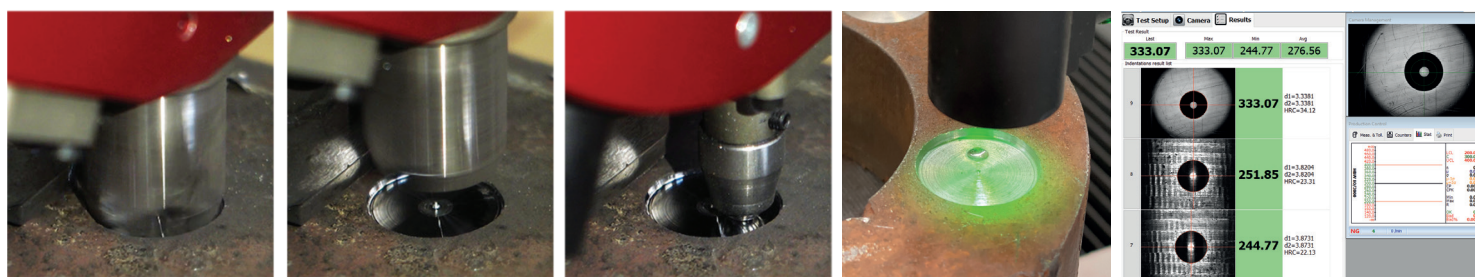
Despite its sturdy portal structure, this machine can move with extreme precision and almost no inertia, making tests in very close spaces easier

# HARDNESS 4.0

FROM SURFACE PREPARATION TO REPORT IN 45 SECONDS

Equipped with the special **multi-slot head** designed by Easydur, EASY 3000 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 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 <b>Interface 4.0</b> 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

