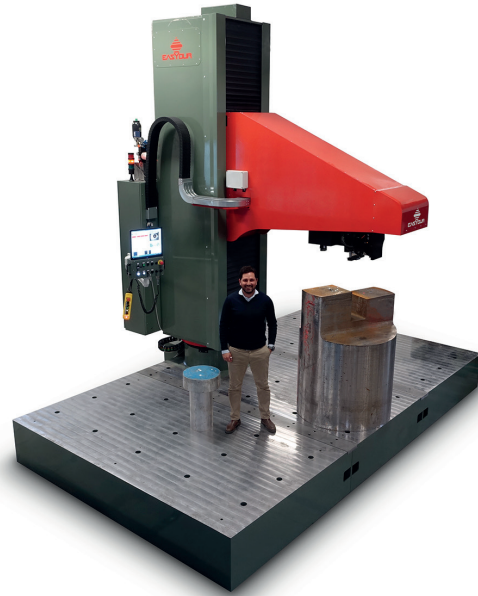


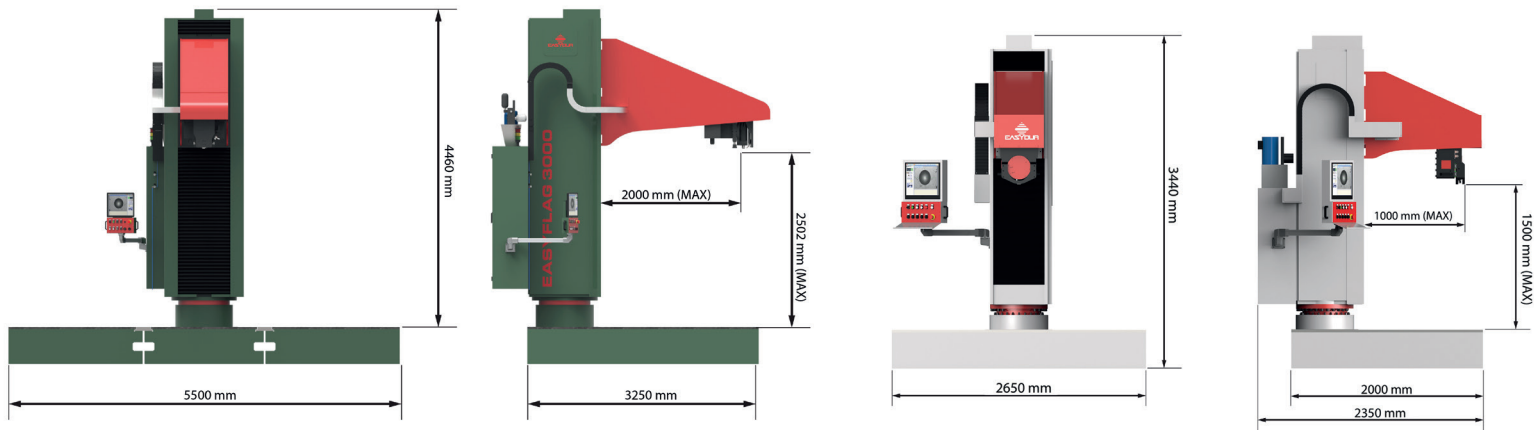
EASYFLAG 3000

MINI EASYFLAG & MAXI EASYFLAG | HARDNESS TESTERS IN FEATHERED POSITION



EASYFLAG 3000 is a flag hardness tester for Brinell tests specifically designed for testing **medium and 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.



EASYFLAG 3000 is equipped with 3 motorised axes:

- Vertical
- The swivel moves 180° laterally
- Horizontal (the head moves forward and backward along the flag)

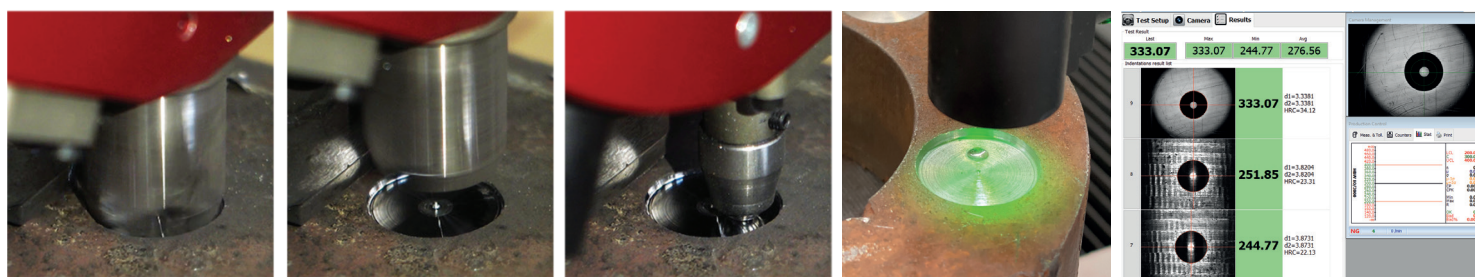
(it is therefore possible to work in self-learning mode with CNC programming of the axes)
Unlike "classic" drill hardness testers, in which a durometer head is mounted on the original structure of the drill, EASYFLAG is a true hardness tester in structural terms

HARDNESS 4.0

FROM SURFACE PREPARATION TO REPORT IN 45 SECONDS

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

- 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 Interface 4.0 with Management Software	
Functional control with a single command	
Solid Steel Structure (not cast iron)	
Totally flexion-free swivel	
Self-learning	



INTERFACEABLE EXTERNAL HARDWARE

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

