

# MRS 3000



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Sliding head to  
follow the profile of  
test sample even  
at long distance

## **ALL OPERATIONS ARE MANAGED BY A SINGLE DRIVE INCLUDING AUTOMATIC RESEARCH OF TEST PIECE**

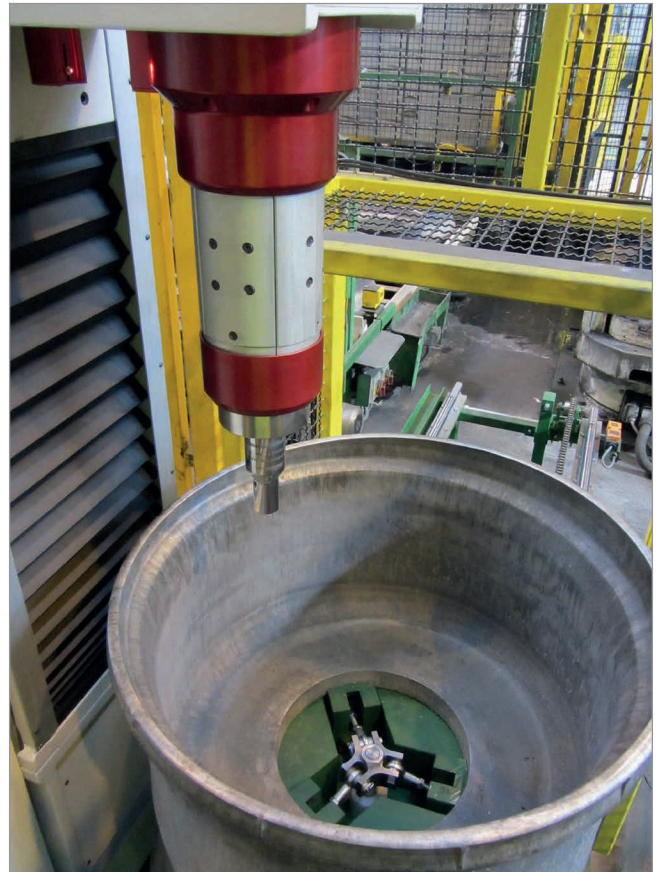
- By activating the single Start input button, MRS 3000 head moves to reach the test surface and automatically starts the hardness test cycle in automatic succession without breacking a phase:
  - approach to the piece;
  - clamping of the piece;
  - activation of reference surface;
  - entire test cycle performance and piece releasing.
- It does not require elevating screws
- It meets all laboratory requirements
- Full operation even in presence of vibrations, sudden changes in temperature or dusty environments.

## **AUTOMATIC BRINELL HARDNESS TESTER**

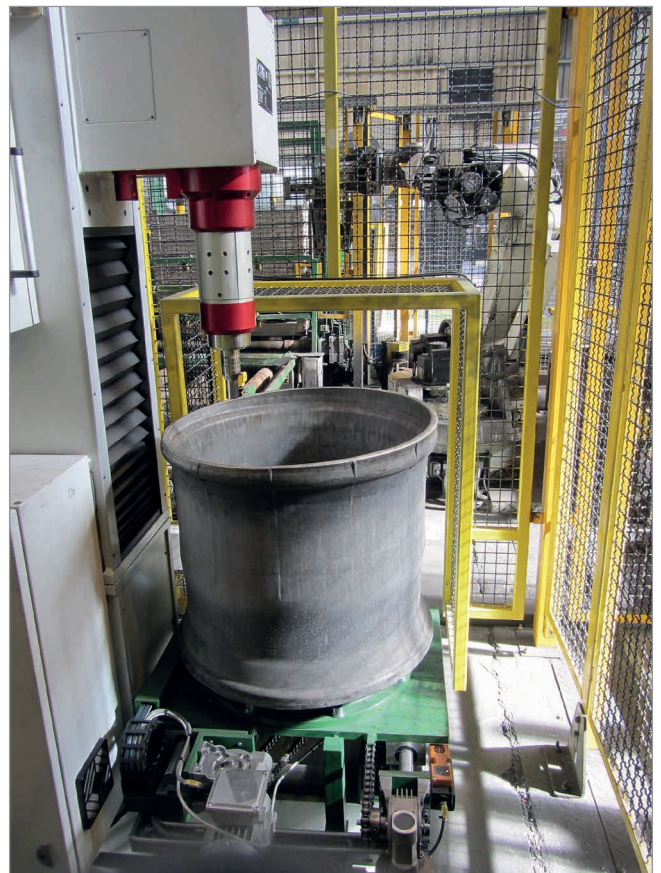
- Performs the HBT measure

## **ABSOLUTE MEASURE**

- The measurement is accurate at the first test and does not require a second test to confirm the result
- No difference of accuracy between stable and unstable test pieces
- Adapts to test forging, cast iron and large components
- Its does not require polished surface
- Its does not require optical reading



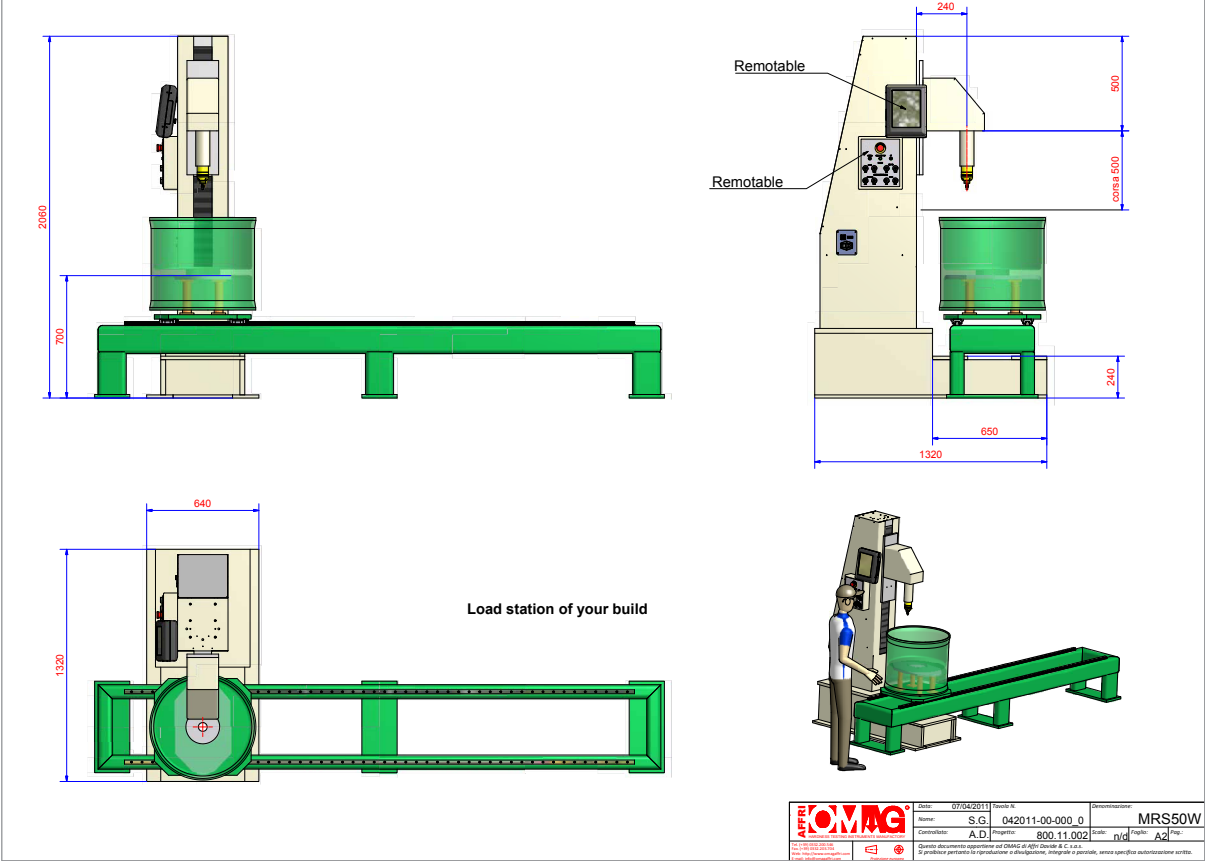
It is easy to test inside cups or empty parts



MRS 3000 has been studied to be used on conveyor and robotized lines



# MRS 3000



Hardness tester integrate on the conveyor feeder to move IN and OUT the wheel to be tested at 100% cycle. Vertical movement self adjusting at the different wheel size.

TECHNICAL CHARACTERISTICS	
Digital read-out	HBWT-500 - HBWT-750 - HBWT-1000 - HBWT-3000
Test loads	4905 7357 9810 29430N
Total height capacity	500 mm - Other on request
Depth	250 mm - Other on request
Base	400 x 400 mm
Accuracy	Conformation standards EN-ISO 6506-2 ASTM E10 / JIS
Power supply	220V 50÷60Hz - 200VA
Measures	80x100x200 cm
Weight	500 Kg