

**Transportable Brinell hardness tester**

# MHMA

**A tough, durable Brinell hardness tester for larger components unsuited to use with a standard model 134 or chain base model 134 portable Brinell hardness tester**



**Setting the standards in Brinell hardness testing equipment**

**The Foundrax Model MHMA transportable Brinell hardness tester is designed for hardness testing of very large items such as heavy plate and large rings where the customer prefers to take the machine to the component for testing or where the customer does not have the budget for a Foundrax BHD radial arm Brinell hardness tester or X-BHD bridge type Brinell hardness tester**

The MHMA Base allows the operator to raise and lower both the anvil and the test head making it very easy to set up prior to the test; as long as the part sits at least 200mm from the floor (ie supported on a plinth or pallet and overhanging the edge) the anvil can fit underneath it.

The MHMA features a standard Model 134 portable 29 420N (3000Kgf) capacity Brinell hardness test head mounted in the MHMA frame. The test head is also suitable for use with a standard Model 134 base or Model 134 Chain base. This modularity gives great versatility and a portable Brinell hardness testing suite capable of testing almost any component in any location.

The Model 134 portable Brinell hardness tester makes an accurate Brinell hardness test in whatever location and on whichever plane it is used. These machines have been reliably used all over the world for over half a century in the defence, aerospace, oil, steel, mining and general engineering industries, and in foundries, forges and heat treatment shops.

The Brinell indentation is measured in the conventional way using either a Foundrax BRINscope manual or Foundrax BRINtronic automatic Brinell microscope.



*Ask for details about the Foundrax BRINtronic series of fully automatic Brinell microscopes and BRINscope manual Brinell microscopes*

## Specifications

Minimum distance from floor to underside of work piece: 200 mm

Maximum test height at minimum anvil height: 980 mm,

Throat: 100 mm.

Test head: Model 134 portable Brinell test head.

## Standard equipment

Flat, domed & vee anvils: for different shaped workpieces

## Alternative test heads (machine supplied calibrated in single test force only).

Low force test head – force range 612.9-9 807N (62.5 – 1000kgf)

Long ram high & low force test heads



Long ram test heads are used with the 134 frame for testing over flanges, lips etc.

The ram which holds the ball indenter is extended by 50mm and is 20mm  $\varnothing$

**Foundrax manufacture a complete range of Brinell Hardness Testers – portable, laboratory, production, semi-automatic and fully automatic**

### Foundrax Engineering Products Limited

Wessex Park Somerton TA11 6SB England **T** +44 (0)1458 274888  
**F** +44 (0)1458 274880 **E** sales@foundrax.co.uk **W** www.foundrax.co.uk