

CNES and CPE have workshops at Rotherham, Scunthorpe, Teesside and Workington. The capacity listed below highlights the major items of plant available. There is also an extensive range of smaller machines available at each site.

Horizontal Floor Borers

Machine Envelope: 7.8m x 5m x 3m
 50 Tonne Rotary Table
 2 Fixed Tables
 Alternative Machine Envelope: 10m x 3m x 0.9m

Vertical CNC Machining Centre

Machine Envelope: 6.1m x 3.4m x 2.75m

Horizontal CNC Machining Centre

Machine Envelope: 4.25m x 3.05m x 2.5m

Double Column Twin RAM Elevating Rail CNC Vertical Borer

Machine Envelope: Max. Swing 5.2m; Max. Turning Height 3.05m

VDF Lathe

Machine Envelope: 10.5m x 2m over bed; x 1.75m over the saddle

Large CNC Lathe

Machine Envelope: 1.2m diameter x 6m long

Deep Hole Drilling

Maximum Machine Envelope: 4m long x 16mm min dia; x 125mm max dia

Milling

Elga Mill: 6m x 1.7m x 1m
 Plano Mill: 6.0m x 1.8m x 1.8m
 Slotting: 726mm stroke table dia 1624mm
 Drilling: Various radial arm drills at each site

Fitting, Pressing and Pit Facilities

HEF Assembly Pit Facility: 12m long x 8m wide x 5.5m deep
 Bay 5 Assembly Pit Facility: 16m long x 14m wide x 5m deep
 Horizontal Press: 400 Tonnes
 Craneage (max): 150 Tonnes

Portable Co-ordinate Measuring Machines

Faro Arm: 3.7-metre reach
 Faro Laser Tracker: 70-metre reach

Recovery Processes

Submerged arc welding, both 'on-site' and 'in workshops' facilities, MIG, TIG and Manual Metal Arc welding, all with various manipulation and rotational devices

EDM Wire Erosion

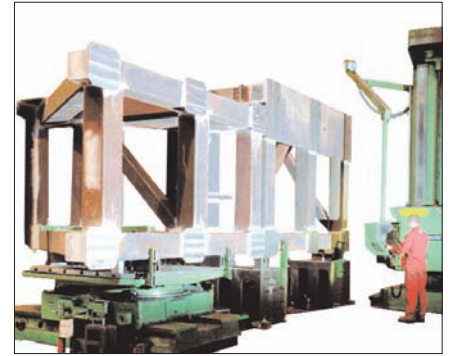
Machine Envelope: 550mm x 250mm x 200mm

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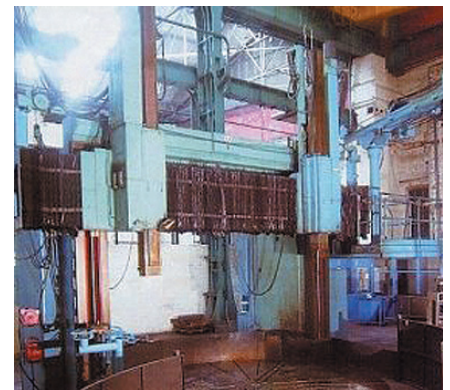
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Horizontal borer.



Elga mill.



Vertical borer.



Pollard CNC vertical borer.