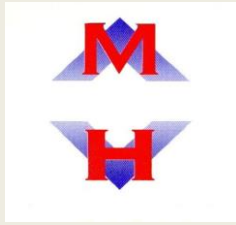


# ENGINEERING CAPACITY LIST



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Mill Hill Heavy Engineering Ltd,  
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## TURNING

Swift Centre Lathe 51" swing over saddle, 36ft between centres  
Granor Centre Lathe 66" Ø swing over saddle x 27ft between centres with D.R.O.  
Binns & Berry Centre Lathe. 40" Swing x 45ft between centres twin saddle with D.R.O.  
Swift Centre Lathe 30" swing x 29ft 6" between centres.  
D.S.G. type 25 x 12ft between centres.  
D.S.G. type 30 x 12ft between centres with hydraulic copy.  
D.S.G. type 21 x 17ft between centres.  
D.S.G. type 21 x 12ft between centres.  
D.S.G. type 18 x 17ft 6" between centres.  
2 off Ward No 7 Turret Lathe.  
2 off Colchester Student lathes.

## VERTICAL BORERS

Craven 5000mm swing x 3800mm under bridge, twin ram, side ram, D.R.O.  
Berthiez 7000mm swing x 3500mm under bridge with side ram & D.R.O.  
Berthiez 6000mm swing x 2200mm under bridge with side ram & D.R.O.  
Craven 13ft 4" Dia swing x 8ft under bridge, Twin Ram with D.R.O.  
Richards 8ft dia swing x 6ft under Bridge Twin Ram with D.R.O.  
Richards 6ft 6" dia swing x 5ft under Bridge Twin Ram with D.R.O.  
Webster & Bennett 84" swing x 50" under Bridge single turret with D.R.O.

## HORIZONTAL BORERS

Asquith Floor Borer  
5" Ø Spindle  
Milling Head  
42" Spindle Traverse  
12ft Horizontal Traverse  
9ft Vertical Traverse  
With D.R.O. and Powered Rotary Table.

Kearns Richards 130 Table Type Horizontal Borer with Anilam Control, 4-Axis DRO, Ball Screws on all 4-Axis, Variable Speed, Variable Feed, Powered Rotary Table, 2 x Spindle Supports, 2 x Facing Tool holders, Out Rigger Rails, Powered Rotary Table: 1830 x 1830mm, Long Traverse: 1800mm, Cross Traverse: 2500mm, Vertical Traverse: 1800mm, Spindle diameter: 130mm, Facing Head Diameter: 1220mm

Kearns Richards SF 125 CNC  
10' x 10' x 6'

## DRILLING

Archdale 12ft Radial Arm Drill  
Archdale 9ft Radial Arm Drill  
Archdale 7ft Radial Arm Drill  
Asquith 4ft Radial Arm Drill  
Kitchen + Wade 4ft Radial Arm Drill  
Kitchen + Wade 8ft Radial Arm Drill  
Pollard Pillar Drill No 4 Morse Taper with pneumatic index table.  
Pollard Pillar Drill No 3 Morse Taper with pneumatic index table.  
Various Pillar and Multi Spindle Drills.

## MILLING

Asquith Butler CNC Elgamill 10000mm x 2500mm x 1000mm  
Elgamill 6 mtr type CS 10 with D.R.O.  
Parkson Universal Miller.

Stirk Planomilling / Planing Machine Capacity X = 13,000 Table Travel Y = 3075 Between Columns Z = 2450 Under Crossrail, Twin Drives for Milling and Planing, Twin Planing Boxes Plus 2 Side Boxes, 50s international Universal Milling Head, DRO on X and Y axis.

Noble & Lund Model HMA 3-Axis Ram Type CNC Elevating Rail Planomill (1987) with Fagor Control, Table Size: 8400 x 3360mm, Manual Elevating Side Head, Distance between Columns: 4800mm, Maximum Height Under Cross Rail: 4800mm, X Traverse: 7600mm, Y Traverse: 4800mm, Z Traverse: 2500mm

Stirk 5000mm x 2000mm x 2000mm High Open Sided Plano Mill

## SLOTING

1 off Broadbent 14" stroke 36" Throat 6ft Dia Workpiece  
1 off Broadbent 30" Stroke 84" Throat 14ft Dia Workpiece

## ROLL PRESS

Warburton 500 Ton x 32ft long Horizontal Roll and Pulley Press.  
Warburton 80 ton vertical press

## SHEARS + GUILLOTINES

Morgan 1/4" Plate x 6ft Mechanical Guillotine.  
2 off 5ft x 6" roll dia Hand Rolls

## WELDING POSITIONER

Vickers 5-ton Welding Positioner.  
Bode 100 ton self-aligning rotators

## FOLDER

Bombled 6mm x 12ft Powered Folder

## GRINDING

Jones & Shipman surface grinders type 1400  
Various grinding & finishing heads for both lathes and Elgamill etc.  
Slitting Blade Grinder 12" dia capacity

## SAWING

Horizontal Bandsaw 400 Ø capacity  
Amada Auto Horizontal Bandsaw 320 Ø capacity.  
Ajax Hydraulic Saw 300mm Ø capacity.  
Various power hacksaws

## WELDING + CUTTING

Plasma cutting up to 40mm thick.  
MiG, TiG and arc welding up to 600 amps.  
Straight Line and Circle burning to 300mm thick.

## MARKING OUT & SURFACE TABLES

Noble & Lund 12ft x 8ft Cast Iron Table  
Tables: 8ft x 4ft, 6ft x 4ft,  
Plates: 4ft x 3ft, 3ft x 3ft, 2ft x 3ft, 12ft x 6ft tee slotted  
Powered Rotary Tables 8" dia to 30" dia.

## FITTING AND ASSEMBLY

Large Fitting Shop with craneage up to 100 tons.  
Floor plates up to 40ft long  
Single piece or multiples up to 120 ft long.  
Angle plates up to 8ft high x 6ft wide  
Cast Iron Cubes up to 16ft long.  
Hydraulic Pressure Testing up to 10,000 P.S.I  
Various Lifting Jacks up to 100 tons. Support jacks up to 40 tons.

## CRANEAGE

Various Lifting Beams and Swing Jibs up to 2 Tons

1 5 ton Demag E.O.T.C.  
1 4 ton Demag E.O.T.C.  
1 5 ton Morris E.O.T.C  
1 5-ton Matterson E.O.T.C.  
1 7½-ton Demag E.O.T.C.  
1 10-ton Demag E.O.T.C.  
1 10 ton Morris E.O.T.C.  
2 25 ton Morris E.O.T.C.  
2 20 ton Carruthers E.O.T.C.  
1 100 ton Morris E.O.T.C with 10 ton auxiliary hook

## STEEL STOCK & TOOLING

Stainless Steel Bar up to 6" Dia  
Stainless Steel Plate up to 40mm Thick  
Carbon Steel Bar up to 20" Ø  
Carbon Steel Plate up to 150mm thick.

12,000 SQ FT stores with valves and pipefittings  
Over 80 tons Nuts and Bolts and Studs up to 80mm / 2½" Ø in metric, U.N.C., U.N.F.,  
B.S.F., B.S.W.,  
Extensive selection of tooling with drills up to 10" Ø and Taps up to 4" Ø various threads,  
slitting saws to 24" and milling cutters to 10". Various Boring, Milling & Turning tools &  
attachments.

## MEASURING

Micrometers up to 48" dia  
Vernier Calipers up to 4000mm  
Length Bars, Surface Gauges, Height Gauges

## FULL CAD DESIGN FACILITY

AutoCAD All Versions  
HP A0 Colour Plotters

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