

# Machine Shop Capacity Listings

## CNC VERTICAL MILLING

Machine Type	Plant No	Qty	Size
DMU-50V 5 Axis	119	2	Table Size max. X500 x Y380 x Z380
Deckel FPCC/T	116	1	Table Size max. X600 x Y500 x Z500
Leadwell MCV 550S (1985)	108	1	Table Size max. X550 x Y400 x Z500
Leadwell MCV 760 (1990)	112	1	Table Size max. X760 x Y480 x Z500
HAAS VF0E (1994)	110	1	Table Size max. X500 x Y300 x Z300
HAAS VF3 (1993)	109	1	Table Size max. X1000 x Y500 x Z500 Rotating 4 <sup>th</sup> Axis 455mm DIA

## CNC TURNING

Bar Lathes:

Machine Type	Plant No	Qty	Size
Takisawa TC-2 (1976)	107	1	Up to 65mm DIA x 150mm LONG (Kia with driven tooling)
Kia SKT21LB	115	1	
Kia SKT21LMB (2005)	104	1	

Chucking Lathes:

Machine Type	Plant No	Qty	Size
Leadwell LTC-15 (1988)	101 & 102	2	Up to 350mm DIA x 300mm LONG
Nakamura TMC4 (1982)	103	1	
DMC-8TL	120	1	
Victor V-Turn36	121	1	Up to 430mm DIA x 600mm LONG
Hitachi 4NEII-600	118	1	Up to 255mm DIA x 600mm LONG

## MANUAL MACHINES

Turning:

Machine Type	Qty	Size
Ward 10 – Turret Lathe	2	Up to 735mm DIA x 250mm LONG
Ward 7	7	
Ward 2	1	
Colchester – Centre Lathe	2	Mascot 1600 & 1 X Triumph 2000

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Milling:

Machine Type	Qty	Size
Sackman	1	Vertical/Horizontal – Up to 610mm x 610mm x 2450mm LONG
Parkson	1	
Heckert	1	
Brideport	1	

Other Machines:

Machine Type	Qty	Size
Sturino (Vicevanu)	1	Bore/Face/Tap machine
Multi-Drill	1	
Grooving	3	Droop & Rein Machines
Drilling	7	Various Pillar Drill sets
Radial Drill	1	Kitchen & Wade
Centreless Grinding	1	Wickman & Scrivener No2
Slotting Machine	1	Rothey
Tool grinding	4	Various

Assembly & Inspection Equipment:

Assembly Equipment	Qty
Upright finisher	1
Belt finisher	1
High speed abrasive cut off	1
Pressure testing rig (Various)	1

Inspection Equipment Type	Qty	Size
Co-ordinate Measuring Machine (ITP Checkcentre)	1	Height capacity to 180mm
Height Checker (LK)	1	250mm clearance
Bond Meter (Hoyt)	3	White metal bond checker
Micrometers, internal/external Plug gauges, Ring gauges, Thread Gauges	Multiple	Calibrated, imperial/metric covering up to 600mm

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