



Engineering
Limited.

Plant Capacity Register



27-08-2019

PLANT CAPACITY REGISTER

TURNING

		CHUCK	SWING	CENTRES
1 off	Colchester Tornado 300B CNC	300mm	530mm	500mm
1 off	Haas Turning Center ST30 CNC	250mm	720mm	800mm
1 off	Haas Turning Center SL20 CNC Driven Tooling	250mm	330mm	400mm
1 off	Haas Turning Center ST30 CNC	380mm	720mm	800mm
1 off	Haas Turning Center ST10 CNC	200mm	356mm	356mm
1 off	Harrison 550 with Digital Readout	300mm	815mm	2000mm
1 off	Haas Turning Center SL20 CNC	250mm	330mm	400mm
2 off	Colchester Triumph 2500 Variable Speed with Digital Readout	250mm	550mm	700mm
1 off	Colchester Master VS 3250 Variable Speed High Performance with Digital Readout	230mm	GAP REMOVED 580mm	

Lathes are fully tooled with dual imperial metric dials, steadies, face plates and collet chucks, four jaw chucks.

MILLING

		TABLE SIZE
2 off	CNC Haas Machining Centre VF-4 - SS with 4 th Axis Indexing Head	1580mm x 630mm
1 off	CNC Haas Machining Centre VF2-SS with 4 th Axis Indexing Head	1160mm x 520mm
2 off	CNC Haas Mini Mill Machining Centre	800mm x 400mm
1 off	CNC Haas Mini Mill SS Machining Centre	800mm x 400mm
1 off	Euoper Vertical Turret Mill with Digital Readout	1400mm x 270mm
1 off	Bridgeport Vertical Turret Mill with Digital Readout	1092mm x 280mm
1 off	CNC 5 Axis Haas Machining Centre UMC-750	500mm diameter

FITTING AND ASSEMBLY

Drilling Machines, Tapping Heads, Brazing and Silver Soldering.

Assembly Facilities, i.e. Fly Presses, Tapered Reamers, Adjustable Reamers, Mandrel Presses, etc.

FABRICATION

1 off Ferrromatic 300 Argon Arc Welder

1 off Miller Tig Welder

1 off Startrite H280MS Horizontal Bandsawing Machine. (CUT SIZE 254mm DIA)

1 off Bauer 400V Vertical Bandsawing Machine. (CUT SIZE 150mm)

PRESS WORK

1 off 15 Ton Sweeney & Blockside Variable Stroke Power Press.

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GENERAL

1 off Jones and Shipman Surface Grinder

1 off Guyson Shot/Bead Blaster

1off CC Hydrosonics Ultrasonic cleaner

RESIN ENCAPSULATION AND MOULDING

4 off Vacuum Stations

2 off 18" Bell Jars

1 off 18" Bell Jar (Glass)

1 off 12" Bell Jar (Glass)

12 off Ovens

2 off Digital Scales

1 off Resin Vacuum Encapsulation Dispensing M/C

1 off Resin Vacuum Encapsulation Dispensing M/C Large Capacity

INSPECTION

Mitutoyo Digital Linear Height System		0-700mm
Digital Micrometers	0-1"	0-25mm
External Micrometers	0-12"	0-300mm
Internal Micrometers	0-12"	0-300mm
Vernier Height Gauge	0-18"	0-450mm
Vernier Calipers	0-6"	0-150mm
Depth Micrometer	0-6"	0-150mm

Slips, Gauges, Surface Plates, Vee Blocks, Parallels, etc.

TEST

Multimeter, Avo Megger, LCR Meter, Metrel 10KV.

ELECTRICAL ASSEMBLY

1 off Coil Winder

1 off Weltec Spot Welder

General Assembly + Wiring Facilities.

COMPUTERS and ADMINISTRATION

6 off Personal Computers networked and linked to C.N.C. Machines
Pastel Accounts and Manufacturing Software
Alphacam A.P.S. Computer Aided Machining Software
One CNC-XR3 Mill 3 D Mill Machining Software
One CNC-XR7 Mill 3 D Mill Machining Software

2 off Epson Printer

1 off Canon Bubble Jet Printer

1 off Brother Multi-function Fax Center

1 off Hewlett Packard 2800 Printer

1 off Xerox Versa link Printer/Scanner