



Machine Capacity Information

Precision engineering

*We have 5000SQ machine shop with 3D
Cad Cam capabilities and welding and
fabrication . Stainless steel segregation.*



Milling Machines:

HAAS VF6



X Axis	1626 mm
Y Axis	813 mm
Z Axis	762 mm
Spindle (max)	889 mm
Spindle (min)	127 mm
Max weight	1814 kg

Mill1000 Ecoline



Table load capacity:	400 kg
Travels XYZ:	1000x360x460 mm
Spindle motor:	5.5 kw
Spindle Speed:	200-8000 rpm
Number of tools:	16
Weight:	3500 kg

XYZ 1000 LR



Rotary Table	4th Axis
Spindle	18 HP / 13kW
Table	1060 x 500 m.
Travel	1000 x 500 x 500 mm
Spindle	8000 Rpm
Solid casting	4600 Kg

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XYZ 1600 LR VMC



Rotary Table	4th Axis
Spindle	15kW / (20HP)
Table	1600 x 660 mm
Travel	1600 x 660 x 635mm
Spindle	10000 RPM
Solid casting	6500 KG

Hurco VM1



Travel XYZ:	660mm/356mm/457mm
Table load:	350 kg
Spindle speed:	8000 rpm
Spindle motor:	15 HP

Turning lathes:

CNC Lathe Colchester Tornado 220



Size:	4020 x 1500 x 1900 mm
Swing over bed:	510 mm
Max machining DIA:	290 mm
Max machining length DIA:	540 mm
Bar capacity:	65 mm DIA
Spindle:	5000 rpm
Spindle bore:	77.5 mm
Spindle motor:	22 kw
Rapid traverse: Z/X Axis	30/25m/min

TM8i CNC Lathe



Dimensions:	2900x2300x2000 mm
Swing over bed:	525 mm DIA
Maximum working length:	525 mm
X/Z axes speed:	203/550 mm
Max spindle speed:	4000 rpm
Spindle bore DIA:	64.5 mm
Spindle motor power:	23.2 kW

CNC Lathe Colchester 600 Triumph 2500



Swing over bed:	400 mm
Distance between centers:	1200 mm
Spindle bore:	54 mm
Spindle speeds:	14/2500 rpm
Spindle power:	7.5 kw
Bar capacity:	52 mm

Lathe 660 x 3000



Machine working space:	4340x1150x1510 mm
Turning DIA:	660 DIA x 3000 long
Swing over bed:	660 mm
Spindle bore:	103 mm
Spindle speed:	25-1500 rpm
Main motor power:	7.5 kw
Weight:	3670 kg

Colchester Mascot 1600



Swing over:	Bed 17" (431mm) Cross slide 10 1/2" (266mm) Gap 28" (711mm)
Distance between centers:	60" (1524mm)
Spindle:	Bore 3" (76mm) Speeds 20-1600 rpm
Power of motor:	12.5hp (9.3kw) 3 phase
Floor plan:	3 x 1.35m
Weight:	2.14 tons approx.

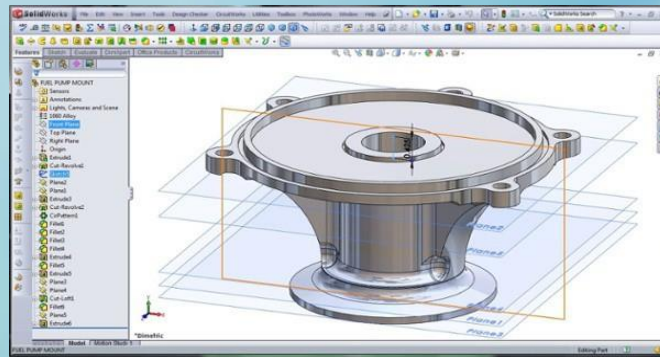
Alpha 400 CNC Lathe



Size:	400mm x 1250mm
Swing over bed:	400 mm
Height of centers:	195 mm
Between centers:	1250 mm
Spindle:	15-2500 mm
Bar capacity:	54 mm
X axis stroke:	250 mm
Gap piece casting:	255 mm
Gap in front of face plate:	165 mm
Input:	415/3/50 7.5 kw
Chuck DIA:	250-310 mm

Other facilities:

- **Forklift** – Up to 7.5 tones
- **Guillotine** – Pipe notching machines
- **2 off Elliot 618 surface grinder** – Power rise & fall wheel head
- **3D Cad Cam** – Fabrication capabilities



Stainless Steel and Carbon Welding and Fabrication facility with four dedicated, professional welding bays offering TIG and MIG welding services with nuclear, oil and gas industries.



Final products:



