



## High Quality Precision Engineering

**Ring today for a quote - tel: 01254 700222**

**Established in 1942, Hi-Spec CNC is a leading Precision Engineering company manufacturing precision machined components, light fabrications and assemblies to customer specifications.**

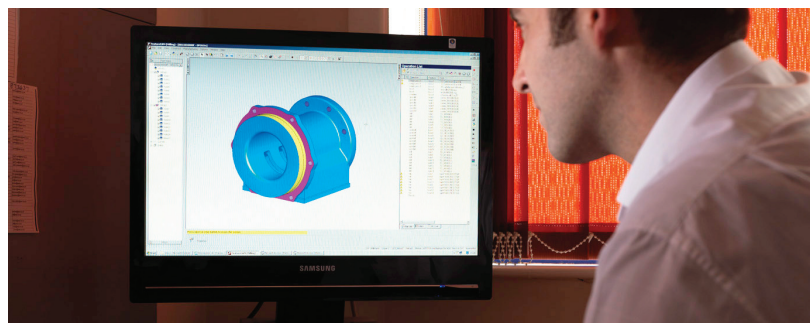
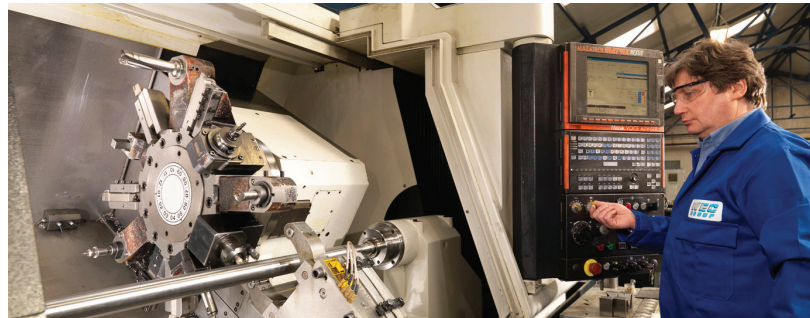
Following substantial investments in new CNC machinery, Hi-Spec CNC is able to offer a wide range of subcontract multi axis machining. Continuing investment in the latest technology provides customers with a CNC vertical milling capability up to three metres in length together with CNC horizontal pallet loaders for cost-effective batch manufacturing. CNC lathes with both driven tooling and sub-spindle options provide turning capacity up to 1.5 metres in length. Complimented by a CAD/CAM system to minimise programming and downtime, the shopfloor can provide a rapid response to customer requirements.

In addition to machined components, we also produce sheet metal components and fabricated assemblies using a range of forming and welding techniques. Using profiles produced by our laser division, materials include mild steel, stainless steel and aluminium.

Complimenting all aspects of component and sub-assembly manufacture, we have a comprehensive assembly facility providing mechanical, electromechanical and hydromechanical assemblies.



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- CNC Turning (up to 1.5m length)
- Horizontal & Vertical CNC Milling (up to 3m length)
- Fabrication and Sheet Metalwork
- Casting Machining
- CNC Press Brakes
- Drilling, Tapping and Forming
- Surface Grinding, Dressing and Polishing
- Mechanical & Hydraulic Assemblies and Fitting
- Laser Cutting & Profiling
- Welding & Brazing
- Vaqua Blasting and Wet Paint Spraying



## Capacity List

### CNC MILLING

Qty	Machine	X	Y	Z
1	MTE BF-3200 Universal Machining Centre	3000mm	1250mm	1500mm
1	Mazak HCN 5000 CNC Machining Centre, Twin Pallet 500mm x 500mm	700mm	700mm	700mm
2	Mazak VTC 20 CNC Machining Centre	1660mm	510mm	640mm
1	Mikron VCP 710 CNC Machining Centre	710mm	500mm	400mm
1	Mori-Seiki CNC Machining Centre	760mm	400mm	500mm
1	Matsuura CNC Machining Centre	760mm	400mm	500mm
1	Mazak V515/40 CNC Machining Centre	1050mm	510mm	560mm



### CNC MILL/TURN

Qty	Machine	dia	length
1	Mazak Integrex 300Y CNC Mill/Turn Centre	610mm	1048mm



### CNC TURNING

Qty	Machine	dia	length	bar feed	driven tools
1	Mazak 350MY CNC Lathe	480mm	1583mm	85mm	12
1	Mazak 200MS (sub-spindle) CNC Lathe	380mm	750mm	65mm	12
1	Mazak Quickturn CNC Lathe	250mm	1000mm		
1	MHP CNC Lathe	250mm	500mm		
1	Mori-Seiki CNC Lathe	400mm	700mm		
1	Mori-Seiki CNC Lathe	250mm	500mm	70mm	
1	Mazak SQT 10 MS CNC Lathe	160mm	252mm		12
2	Mazak QT 15 CNC Lathe	300mm	538mm	Ø 2"	
2	Mazak SQT 15 CNC Lathe	300mm	573mm	Ø 2"	12
1	Mazak QT20-HP CNC Lathe	440mm	429mm		
1	Mazak 200MSY CNC Lathe	380mm	575mm	Ø 2½"	12



### CONVENTIONAL MACHINES

Qty	Machine	Dimensions
1	Parkson M1200 Horizontal Milling Machine	40"x10" Table
1	Parkson M1200 Vertical Milling Machine	40"x10" Table
1	Archdale Radial Drill	48" Swing
4	Bank Herbert Drills with Tapping Heads	
1	Bridgeport Milling Machine	36"x7" Table
1	Bridgeport Milling Machine with Slotting Head	36"x7" Table
1	Surface Grinder	36"x10" Table

