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Dawson Precision Components

Machining Facilities...

DPC have been producing precision turned and milled components in metals and plastics for a wide range of market sectors for nearly 50 years, providing a personal service to our customers with our reputation built on **quality and dependability**. With year on year investment we have built a modern production facility offering comprehensive machining service.

Multi Axis Turning Centres

Citizen M32-III, 13 axis Sliding Head Lathe	... 32mm dia bar capacity
Citizen A32-VII, 7 axis Sliding Head Lathe	... 32mm dia bar capacity
Citizen L20, 9 axis Sliding Head Lathes, 5 machines	... 20mm dia bar capacity
Citizen L12, 5 axis Sliding Head Lathes, 2 machines	... 12mm dia bar capacity
Mazak Nexus 200MSY-2	... 2 machines, 65mm dia bar capacity, sub-spindle, Y & C axes
Goodway GS280MSY	... 2 machines, 77mm dia bar capacity, sub-spindle, Y & C axes

These turning centres utilise the very latest technology & are capable of turning & milling both ends of components in cycle.

CNC Lathes

Johnford TC35	... 70mm dia bar capacity
Colchester Combi K2	... 54mm dia max bar capacity, chuck work up to 125mm dia
Mazak QT8N	... 40mm dia bar capacity
Hardinge Cobra 42	... 42mm dia bar capacity
Hardinge CHNC	... 42mm dia bar capacity, 2 machines
Hardinge GT Super Precision	... 25mm dia bar capacity, 3 machines

Machining Centres

Kitamura Mycenter 3XG Twin Pallet	... 400mm x 850mm pallets
Kitamura Mycenter 2 Twin Pallet	... 300mm x 500mm pallets
Victor V55 with full 4th Axis	... 400mm x 400mm table
YCM MV 106 AF with full 4th Axis	... 1000mm x 600mm table.

Our twin pallet systems & 4th axis machines are both versatile and competitive, with no loading time on larger batches. Programming is via the latest SolidCAM software with iMachining technology to reduce cycle times and maximise tool life.

Inspection

We have a modern inspection facility with all the latest equipment including a CNC Smartscope video measuring system and a Mitutoyo Crysta CNC CMM to inspect at first-off, intermediate stages during production and final inspection. Systems are accredited to ISO9001:2008.

Other Facilities

Our range of CNC machines is complimented by a range of manual Lathes, milling & finishing machines and by our Marktronic Markmate dot mark & Rofin Easymark Laser etch systems.

Contacts

Paul Dawson, Sales Director. Simon Dawson, Managing Director. Julie Hughes, Finance Director
Paul Woodward, Customer/Sales Support.