



PRECISION MACHINING OF ALL METALS AND PLASTICS  
MULTI-AXIS SLIDING HEAD TECHNOLOGY  
CNC TURNING AND MILLING



**Dawson Precision Components**

Registered in England No. 857801 VAT Reg. No. 146 8796 15

## Capacity List 2010

DPC have been producing precision turned and milled components in metals and plastics for a wide range of market sectors for over 40 years providing a personal service to our customers, our reputation built on our quality and dependability. Recent investment and expansion has provided us with a modern production facility offering comprehensive machining capabilities.

### Machining Facilities

#### 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, 3 machines	... 20mm dia bar capacity.
Citizen B12, 5 axis Sliding Head Lathes 2 machines	... 12mm dia bar capacity.

These machines are the most competitive option for quantities of 50 or more components up 32mm diameter and are capable of turning both ends of a component and drilling and milling in cycle.

#### CNC Lathes

Goodway GS280MSY	... 2 machines, 77mm dia bar capacity, sub-spindle, live tooling, Y axis.
Biglia B131/S1	... 70mm dia bar capacity, chuck work up to 150mm dia.
Johnford TC35	... 70mm dia bar capacity.
Colchester Combi K2	... 54mm diameter max bar capacity, chuck work up to 150mm.dia.
Mazak QT8N	... 40mm dia bar capacity.
Hardinge Cobra 42	... 42mm dia bar capacity.
Hardinge CHNC	... 2 machines, 42mm dia bar capacity.
Hardinge GT Super Precision	... 3 machines, 25.4mm dia bar capacity.

Enabling production of small quantity complex turned profiles through to high volume larger components.

#### Machining Centres

Kitamura Mycentre Twin Pallet, 2 machines	... 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.

With the two pallet systems and 4th axis our machines are both versatile and competitive, with no loading time on larger batches. Programming is via the latest solid modelling CAD/CAM software.

#### Inspection

We have a modern inspection facility with the latest equipment including CNC smartscope video measuring system, CMM and inspect at first-off, intermediate stages during production and final inspection. Systems are accredited to ISO9001:2000.

#### Other Facilities

Our range of CNC machines is complimented by a range of manual Lathes, Milling, Grinding, Finishing machines and Marking by Marktronic Markmate & Rofin Easymark Laser etch system.

#### Contacts

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

To discuss your engineering requirements please contact us now on **+44 (0)1706 842311**