

Trust Precision Engineering Limited

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Capacity and Capability List

Clean, modern air-conditioned workshops
>6000²ft factory floor space
>2000²ft Office/stores/meeting rooms
Temperature controlled and fully networked inspection facilities
Conveniently located in East Midlands close to M1 J26 and East Midlands Airport



Key Plant and Machinery:



Citizen M32 VIII Sliding Head Lathe (x6 machines)

Up to 35mm bar capacity

*Long parts up to 600mm (max 32 diameter)

40 tool positions for flexibility

Up to 18 live tools for milling

Fully programmable B-axis for angled milling/drilling

130bar high-pressure coolant

3.6m magazine bar-feeder

*1 machine with this facility

Star SR20RIV type B

Up to 22.2mm bar capacity

41 tool positions for flexibility

High speed 10,000rpm main and sub spindle

6 tool capacity on B axis to main and sub spindle

130bar high-pressure coolant

3.6m magazine bar-feeder



Citizen L20 XII Sliding Head Lathe

Up to 25mm bar capacity

Guide bush or bushless mode

40 tool positions for flexibility

Up to 21 live tools for milling

Fully programmable B-axis for angled milling/drilling

130bar high-pressure coolant

3.6m magazine bar-feeder

LFV Chip Control Technology

Citizen M532 VIII Sliding Head Lathe
 Up to 38mm bar capacity
 >49 tool positions for flexibility
 25+ potential live tools for milling
 Fully programmable B-axis for angled
 milling/drilling
 130bar high-pressure coolant
 3.6m magazine bar-feeder
 LFV Chip Control Technology



Inspection equipment:



OGP Smartscope Flash CNC 200 (x3)
 Optical CMM with Renishaw touch probe capability
 High Accuracy/Speed Multi Sensor vision system
 XYZ 200/200/150
 Zone 3 software with off line programming capability
 Renishaw fixture system to maximise automation of batch inspection

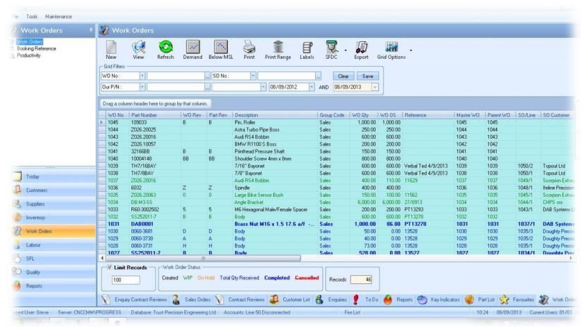
VICI M304 Techno Optical Shaft Measuring Machine (x3)

High speed precision shaft measurement
 300MM length x 40MM Diameter
 Integrated software with full reporting and traceability
 Measures and records all external features in seconds to micron accuracy



Production Control Software

Advance tailored MRP system
 Inquiry to Invoice, full integration
 Rapid data retrieval with complete traceability
 Progress Plus from Berkeley Myles Solutions

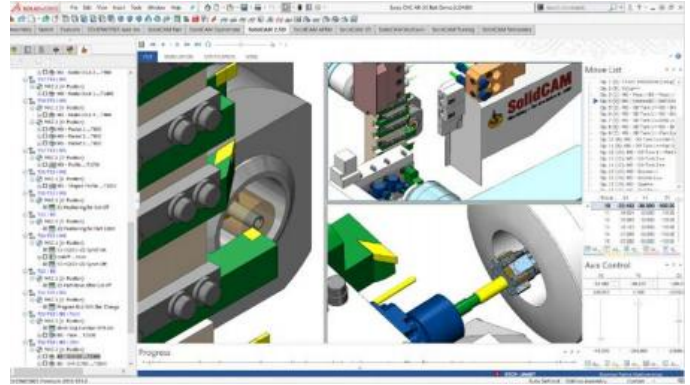


CAD/CAM Systems & Software

- Solidworks 3D Model generation
- SolidCam software system
- Reliable 3 channel simulation enabling best possible process optimisation
- Reliable and consistent post program



SolidCAM
The Solid Platform for Manufacturing



Trust Precision Engineering has a policy of continuous improvement, investing in the best plant and systems available. The above listed plant (which is not exhaustive) is supported by all necessary tooling and equipment ensuring high quality performance to maintain our position as a leading supplier of machined parts and a reliable partner in your supply chain.



Member of the BTMA, British Turned Parts Manufacturers Association

www.btma.org



Member of the Midlands Aerospace Alliance

<http://www.midlandsaerospace.org.uk/>



EN/AS9100 Rev-D Quality Assured company

<http://www.bsigroup.com/en-GB/>

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