



Why select UTP?

What makes Universal Tool & Production Company exceptional and therefore an ideal partner for your company?

The answer is five things, which together provide an exceptionally cost-effective service:

Quality

We hold the AS9100 quality standard to TS157 and manufacture to tighter tolerances than most other precision engineering companies. We have temperature controlled conditions and extensive quality control equipment. For normal CNC Turning & Milling we routinely work to running tolerances of 0,01mm. For Grinding and Lapping we routinely work to 0,001mm.

Productivity

We employ lean manufacturing techniques to drive efficiency and productivity. This contributes to our ability to deliver consistent quality, and responsive customer service.

Expertise

We have a strong base of skilled personnel who are all ex toolmakers. We are happiest when we're involved at the design stage so we can use our expertise to ensure components can be successfully and cost-effectively manufactured at volume levels.

Capability

Once you've handed over drawings to us, we will manage the whole process, including material procurement (especially exotic materials) thermal treatment and specialist protective or wear coatings. We can handle sub-assembly work, including the procurement of proprietary items, with the appropriate approvals. Our extensive range of the latest equipment means we have the flexibility to respond to your requirements and the ability to handle most tasks in-house.

Reliability

This means:

Levels of customer service that go above and beyond the norm

Delivery to the correct quality, on time - made possible by our comprehensive capacity planning

We understand that requirements can change on a daily basis and aim to respond accordingly

We are proactive rather than reactive. This means:

We will raise issues, before being asked the question

We inform you where your work is, rather than waiting to be asked, on a weekly basis (or even daily if appropriate). This enables you to more accurately schedule deliveries of other components, so keeping stock levels down.

Universal Tool & Production Company, was founded in 1952 as a toolmaking company. It evolved into a production company in the early seventies and by the end of the seventies ceased commercial toolmaking. We now have two locations in Fareham.

Our philosophy is that as a team (all employees working together with our customers) we can deliver outstanding quality, cost-effectiveness and customer service.

To discuss your precision engineering requirements, contact us on +44 (0)1329 232795.

UTP Plant List

- CNC Milling
- CNC Turning
- Grinding, Honing & Lapping
- Drilling Sawing & Finishing
- Quality

CNC Milling

Mazak VMC MTV-655/80N with Mazatrol Fusion 640M Control With 4th Axis.
Renishaw Probing & 60 Tool Carousel. Capacity 2240,00mm x 650,00mm x 740,00mm Z Axis

Mazak VMC MTV-655/60N with Mazatrol Fusion 640M Control With 4th Axis,
Renishaw Probing & 60 Tool Carousel. Capacity 1500,00mm x 650,00mm x 740,00mm Z Axis

Mazak AJV-18 with Mazatrol M32 Control.
With 4th Axis & 30 Tool Carousel
Capacity 560,00mm x 410,00mm x 400,00mm Z Axis

Mazak V414 with Mazatrol M32 Control.
24 Tool Carousel.
Capacity 760,00mm x 410,00mm x 460,00mm Z Axis

Mazak Variaxis 500, 5 Axis Machining Centre with M64 Fusion Control. Renishaw Probing & 40 Tool Carousel Capacity 510,00mm x 510,00mm x 460,00mm Z Axis

Mazak Variaxis 500, 5 Axis Machining Centre with M64 Fusion Control. Renishaw Probing & 40 Tool Carousel Capacity 510,00mm x 510,00mm x 460,00mm Z Axis

Mazak Variaxis 630, 5 Axis Machining Centre with M64 Fusion Control. Renishaw Probing & 40 Tool Carousel Capacity 630,00mm x 7650,00mm x 510,00mm Z Axis

Mazak Variaxis 630, 5 Axis Machining Centre with M64 Fusion Control. Renishaw Probing & 40 Tool Carousel Capacity 630,00mm x 7650,00mm x 510,00mm Z Axis

Mazak AJV- 18 with Mazatrol M32 Control.
30 Tool Carousel
Capacity 560,00mm x 410,00mm x 400,00mm Z Axis

Mazak AJV-18 with Mazatrol M32 Control.
30 Tool Carousel
Capacity 560,00mm x 410,00mm x 400,00mm Z Axis

Bridgeport VMC 800 with Hiedenhain TNC 370 Control With 4th Axis & 30 Tool Carousel

PCM 241 Digital / Optical Tool Setter

CNC Turning

Mazak Model Nexus 350M-2 with 12 Station Turret & Mazatrol Matrix Control
Capacity:420,00mm Dia x 1600,00mm .

Mazak Model Nexus 350M-2 with 12 Station Turret & Mazatrol Matrix Control
Capacity:420,00mm Dia x 1600,00mm .

Mazak QT Model 15N with 8 Station Turret & Mazatrol T32 Control
Capacity 200,00mm Dia x 450,00mm

Mazak QT Model 15N with 8 Station Turret & Mazatrol T32 Control
Capacity 200,00mm Dia. x 450,00mm.

Mazak QT Model 15N with 8 Station Turret & Mazatrol T32 Control
Capacity 200,00mm Dia x 450,00mm.

Mazak QT Model 20N with 8 Station Turret & Mazatrol T32 Control
Capacity: 250,00mm Dia x 450,00mm

Mazak Model Nexus 250 with 12 Station Turret & Mazatrol T64 Control
Capacity: 350,00mm Dia x 610,00mm

Mazak Model Nexus 250 with 12 Station Turret & Mazatrol T64 Control
Capacity: 350,00mm Dia x 610,00mm

Mazak Model Nexus 250 with 12 Station Turret & Mazatrol T64 Control
Capacity: 350,00mm Dia x 610,00mm

Mazak Integrex Model 200-3 with 40 Station Carousel & Mazatrol 640 MT Control
Capacity 250,00mm Dia x 1000,00mm

Grinding, Honing & Lapping

Jones & Shipman Ultramat C.N.C Grinding Machine
Capacity : 320,00mm Dia. x 1000,00 mm

Jones & Shipman Model 1630 Universal Grinder
Capacity : 200,00mm dia. x 450,00mm

Jones & Shipman Model 540 Surface Grinder
Capacity: 350,00mm x 150,00mm x 150,00mm

Jacobsen Model SJ30 Surface Grinder
Capacity : 600,00mm x 200,00mm x 250,00mm

Delapena Model EA4007 Automatic Speed Hone

Delapena Model S Speed Hone

Delepena Model 541 Hone

Lapmaster Model 24 Surface Lapping Machine

Drilling Sawing & Finishing

Pollard Pillar Drills with 3 spindles

Pollard Pillar drills with 4 spindles

Statrite H250A Automatic Horizontal Bandsaw 14" dia capability

Statrite Vertical Bandsaw

Guyson Glass Bead Blaster

Vanco Barrel Rumlbers

Quality Assurance

Our CNC co-ordinate measuring equipment enables us to check components in a fraction of the time it would take using traditional methods. We can even run an inspection routine checking up to 900 dimensions overnight. Detailed reports can be available the following morning. This reduces lead times and provides a guarantee of conformance to tolerance.

Wenzel C.N.C. C.M.M. Model LH108 with Renishaw Probing
Capacity : 1000,00mm x 1600,00mm x 800,00mm Z Axis

Aberlink C.N.C C.M.M. Model Axiom Too.with Renishaw Probing
Capacity : 600,00mm x 500,00mm x 400,00mm Z Axis

Tesacan 50 Non Contact Measuring System

Taylor Hobson Talyrond with Reference Computer

Nikon Profile Projector Model V12
Federal Air Gauge Unit Model D4000-2J
Federal Air Gauge Unit Model D2500-2J
Mercer Air Gauge Unit Model Clearline 2
Mercer Air Gauge Unit Model Clearline 2
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Mercer Air Gauge Unit Model Clearline 2
Mercer Air Gauge Unit Model Clearline 2
Mercer 155 Electronic Comparator
Mercer 155 Electronic Comparator
Trimos Electronic Height. Gauge Model V600
Tesa Electronic Height Gauge Model 350 D
Tesa Electronic Height Gauge Model 600 D
Mitutoyo Surface Finish Tester Model SJ-201P
Lapmaster Light Band Flatness Measuring System
Plus a wide range of hand held measuring instruments



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