

About...

ANR's new Mazak 5 axis machine operational

ANR Engineering are pleased to announce the implementation of our newest addition to our expanding plant—a Yamazaki Mazak horizontal Y axis Lathe Integrex 300-3S.

This new machine both compliments and expands our services, increasing production capacity whilst improving our quality and pricing on high volume machining.

Whilst this machine has developed and improved operating profits for ANR, we have been able to compete with off shore manufacturing for high volume manufacturing. This in turn has opened up clients in the medical and process control industries where we have previously been un-competitive.

The tool has been running for 5 months, and will be the backbone of our investment for the next 2 years. More tooling to aide in production, combined with multi-user training ensures continual utilisation of the resource.

This tool is complete with a 1500mm bed with mazatrol PC Fusion—CNC 640mT pro control and offers direct to line feed and lights out operation.

This equipment underlines ANR's commitment to developing and moving in line with our clients requirements and re-investing in plant for future growth. Installed in January 2006, this machine has been through all design and development stages and is now fully operational producing volume requirements for our clients.

The Integrex range of Mazak has become the most widely sold multi-tasking machine tool in the world. The forth generation INTEGREX IV series is designed to provide you innovation.

Using the latest 3D-CAD design, utilisation of linear guides on all axis (X/Y/Z) and 0.0001 degree increment on 2 rotating axes (B/C), realise unsurpassed rigidity and positioning accuracy.

Contact: Sales: 01628 819157
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Technical Information:

Capacity:

Maximum bar size diameter: 77mm
Maximum cutting diameter: 760mm
Maximum cutting length: 1524mm
Maximum swing: 760mm

Axis Travel:

X Axis: 630mm
Y Axis: 230mm
Z Axis: 1530mm
B/C Axis: 225/360°

Machine Dimensions:

Length: 4,225mm
Height: 2,798mm
Width: 2,171mm
Weight: 12,500Kgf

Main Spindle:

Chuck size: 10"
Max main spindle speed: 4000rpm
Main spindle motor: (30 min. rating) AC30kW (40HP)

Rapid traverse rate:

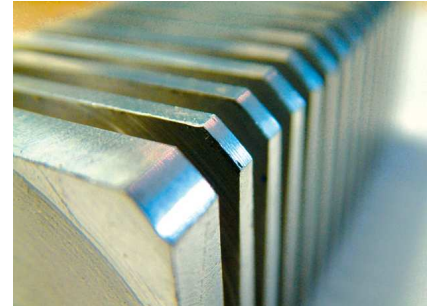
X/Z axis: 38000mm/min [1496IPM]
Y axis: 26000 mm/min [1024IPM]
C axis: 555rpm

Milling Spindle:

Max milling spindle speed: 1200rpm
Milling spindle motor: (20%ED): AC18.5kW (25HP)

Number of Tools:

Upper turret: 40 tools



Engineering Plant List:

- ▶ Mazak Horizontal Y Axis Integrex 300-3S
- ▶ Mazak SQT100 MSY 65 Axis machining centre
- ▶ Hurco BMC 40 machining centre(Ultramar control)
- ▶ Hurco BMC 30 machining centre(Ultramar control)
- ▶ Hurco BMC 25 machining centre(Ultramar control)
- ▶ Hurco BMC 20 machining centre(Ultramar control)
- ▶ Hurco BMC 10 machining centre(Ultramar control)
- ▶ Mazak quick turn 10 CNC lathe with bar feed
- ▶ Mori Seiki HT23R turning centre
- ▶ High Turning centre TP15394 turning centre
- ▶ Hurco BMC30 milling centre
- ▶ Verticle mills with DRO. X2

