

Plant List

1 off – DOOSAN PUMA TT1800SY CNC TWIN SPINDLE, TWIN TURRET TURNING CENTRE



Fitted with a HYDRAFEED MX1B Automatic bar feeder.

This twin spindle, twin turret machine with Y-axis and driven tooling allows complex parts to be produced in one setup with no secondary machining operations.

Turning up to 200mm, barfeed up to 65mm diameter with Live Tooling

1 off – MAZAK QUICKTURN X250MS SINGLE SPINDLE TURNING CENTRE



This single spindle turning centre has been added to meet the demand for larger components.

Turning up to 300mm diameter with Live Tooling

1 off – MAZAK QUICKTURN X250MS TWIN SPINDLE TURNING CENTRE



Fitted with a HYDRAFEED MX1B Automatic bar feeder.

This twin spindle turning centre has been added to meet the demand for larger components.

Turning up to 254mm diameter, barfeed up to 65mm diameter with Live Tooling

2 off – MIYANO BNJ42-SY TWIN SPINDLE TURNING CENTRE



Fitted with an IEMCA BOSS 545-E Automatic bar feeder.

This turning center features a unique back-working turret and paired sub-spindle that significantly speeds up the cutting process on the right side of the main cutting operation.

The availability of greater variation in simultaneous front and back machining speed up the cycle time compared to conventional machines.

Turning up to 100mm diameter, barfeed up to 42mm diameter with Live Tooling

2 off – STAR SR32J SLIDING HEAD LATHE



Fitted with FMB automatic bar feeder.

This machine has 4 cross working driven tools and C-axis for milling operations, also simultaneous sub spindle machining while the main spindle operations are being performed thus enabling faster cycle times and lower costs
Turning up to 32mm diameter with Live Tooling

1 off – STAR SR32JIII SLIDING HEAD LATHE



Fitted with FMB automatic bar feeder.

This machine has 5 cross working driven tools on the front and 8 working Driven tools on the back, both spindles have a C-axis for milling operations and Head 2 also has a Y-axis giving increased milling capabilities. Simultaneous sub spindle machining while the main spindle operations are being performed along with High pressure coolant enables faster cycle times and lower costs.

Turning up to 32mm diameter in Guide bush mode and 35mm, diameter non-guide bush mode.

1 off – STAR SV32J SLIDING HEAD LATHE



Fitted with FMB automatic bar feeder.

Powerful and rigid the SV-32J is ideal to machine large diameter parts or shafts up to 32mm.

High-speed and complex machining capability, also features main spindle C-axis control function, sub-spindle indexing with cross and front power-driven tools.

Turning up to 32mm diameter with Live Tooling

4 off – STAR SR20 SLIDING HEAD LATHE



All fitted with FMB mini turbo bar feeder maximum bar length 3m. Equipped with sub spindle, and 3 cross power-driven attachments, complex components can be machined in one setup without additional handling. Turning up to 20mm diameter with Live Tooling.

1 off – STAR SR20R-IV SLIDING HEAD LATHE - *NEW MARCH 2023*



Fitted with FMB Turbo 2 bar feeder maximum bar length 3m. Equipped with 3 cross power-driven attachments and driven tooling station equipped with Y axis on sub spindle – allowing for polar milling. With programmable B-Axis capable of machining angled features. Complete with high pressure coolant unit. Turning up to 20mm diameter with Live Tooling.

2 off – STAR SL-10 SLIDING HEAD LATHE - *BOTH NEW OCTOBER 2023*



Fitted with FMB Turbo 2 bar feeder maximum bar length 3m. Small versatile, accurate and quick machines. Equipped with sub spindle, 4 front and 6 back working tools, including 4 power driven tools on the back and 5 cross power tools on the front. Complete with high pressure coolant unit. Turning up to 10mm diameter with Live Tooling

1 off – STAR SB12R SLIDING HEAD LATHE



Fitted with FMB Minimag bar feeder.
It is an accurate and quick machine for small diameter parts.
Equipped with sub spindle, 4 front and back working tools
and 3 cross power-driven attachments.
Turning up to 12mm diameter with Live Tooling

2 off – HAAS ST-15



Single spindle, Big-Bore CNC Turning Centre
These high-performance turning centres provide setup flexibility,
highly accurate, are extreme rigid with high thermal stability.

1 off – HAAS ST-20Y - *NEW DECEMBER 2022*



Twin spindle CNC Lathe Turning Centre
Fitted with Haas Barfeeder maximum 1.5m, Y Axis, 24-station Live
Tooling allowing for autonomous operation.

1 off – HAAS VF-4



Traverse XYZ=1270x508x635, Table Size 1321x457
20 Station Tool Change
4th Axis Drive
Renishaw wireless Probing System
Complete with through-spindle coolant – 300psi (21 bar).

1 off – BRIDGEPORT V1000H



Traverse XYZ, 4th Axis Rotary Table, Table Size 748x509
30 Station Tool Changer
10,000 rpm spindle speed
Wireless Probing System
Complete with through-spindle coolant

1 off – HARDINGE VMC 600 MKII



Traverse XYZ=600x510x500, Table Size 748x509, 20 Station Tool Change

1 off – XYZ PROTURN SLX 1630 CNC LATHE



Can be used manually or under full CNC control, with clearance cycles, profiling, grooving and drilling routines.
Turning up to 252mm diameter with Live Tooling

1 off – COLCHESTER CENTRE LATHE



Manually centre Lathe

Full Inspection Room:

- 2 X CNC Co-Ordinating Measuring Machine (CMM) -
- Allowing contact and non-contact inspection
- 2 X Shadowgraphs
- Keyence IM-7020 – Image Dimension Measuring System
- Digital Mitutoyo Surftest
- Propen P5000 Impact Engraver

