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NOVEMBER 2021 ISSUE 2

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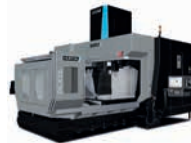
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**Mazak SQT-250M 1000L CNC Lathe**  
Year: 2003 / with driven tools  
(ST3404)



**Daewoo Puma 500 CNC Lathe**  
Year: 2002 / FANUC 18i-T control  
(ST3441)



**XYZ 1500  
Turret  
Milling  
Machine**  
Year: 2015  
(ST3432)



**Broadbent Stanley BS-760 Gap Bed Lathe**  
Spindle bore: 120mm dia. / Year: 2011  
(ST3322)



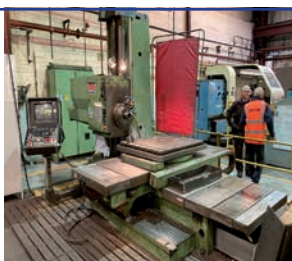
**Harrison Alpha 460 Plus CNC / Manual Lathe**  
2000mm between centres  
(ST3388)



**TOS W100A Horizontal Borer**  
With End Steady / DRO / Facing Head  
(ST3331)



**Colchester Combi K3 Slant Bed CNC Lathe**  
Year: 2002 / FANUC 210i-T  
(ST3351)



**TOS Varnsdorf WH 10 CNC Horizontal Borer**  
Control: Heidenhian TNC 407  
(ST3443)



**Herkules Heavy Duty Cylindrical Grinder**  
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(ST3061)



**Mazak Integrex 200Y CNC Lathe**  
Year: 2001  
(ST3439)



**Mazak CNC  
Elevating  
Rail  
Vertical Borer**  
Table Dia.  
1250mm  
(ST3423)



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## Latest PMI shows manufacturing growth slows

The manufacturing upturn slowed further at the start of the fourth quarter, as output growth was constrained by rising supply chain disruption, staff shortages and declining intakes of new export work, according to the latest seasonally adjusted IHS Markit/CIPS Purchasing Managers' Index (PMI).

The PMI posted 57.8 in October, up from 57.1 in September, rising for the first time in five months.

Although the PMI was boosted by improved growth of new orders and employment, alongside a steeper rise in stocks of purchases and lengthier vendor lead times, a further slowdown in output growth held back the headline index.

Manufacturing production rose only marginally and at the slowest pace for eight months. Companies reported supply chain delays alongside shortages of raw materials, staff and certain skills had contributed to slower



output growth.

Lower intakes of new export work also had an impact on production volumes. New export business fell, for the second successive month.

Firms reported some overseas clients were cancelling or postponing orders due to longer lead times caused by port delays and freight capacity issues. The domestic market held up better in comparison, offsetting some of the weakness in overseas demand.

Overall new order intakes rose at a slightly quicker pace, linked to economic growth and clients

increasing (or bringing forward) purchases to avoid expected supply chain delays and further price rises in coming months.

UK manufacturers maintained an optimistic outlook during October, with almost 62% expecting their level of output to increase over the coming year. The overall degree of positive sentiment dipped to an eight-month low.

Confidence was attributed to stronger global and domestic economic conditions, reduced disruption from Brexit, Covid-19 and supply chain issues and also planned investment spending (including in automation).

Continued optimism at manufacturers, alongside signs of demand growth stabilising, encouraged stronger job creation during October. Employment rose for the 10th month running, with increases signalled at small, medium and large-sized enterprises that was linked to higher output.

## Skills to be a core theme at MACH 2022

One of the major themes of MACH 2022 will be concentrating on skills development in the manufacturing industry and inspiring the UK's next generation of engineers.

The Manufacturing Technologies Association (MTA) said that the need to get more young engineers involved in the industry has never been more important than it is now and MACH exhibitions have always focused on nurturing talent.

MTA CEO James Selka said: "The development of key skills to support the future of advanced manufacturing has long been a core goal of the MTA.

"Without a steady stream of new talent coming into the industry then there is a risk things could stagnate, setting back technological development.

"Encouraging young engineers

into the manufacturing industry has sadly been a problem for some years now. Even prior to the pandemic there were concerns insufficient numbers were viewing the industry as a viable career option.

"With everything that has happened over the past two years, it is now more important than ever to change attitudes and emphasise the real benefits a career in manufacturing can offer."

MACH 2022 takes place at the NEC in Birmingham from 4-8 April, and among the zones again will be the dedicated Education & Development (E&D) Zone, which will feature special displays from the likes of Airbus Defence & Space, University of Wolverhampton Formula 3 Race Team, Lincoln Electric Virtual Welding and the Bowers Group Mobile Metrology Centre.

## Rolls-Royce SMR lifts off

Rolls-Royce has secured funding for its Small Modular Reactor (SMR) business to bring forward and deliver at scale the next generation of low cost and low carbon nuclear power technology.

Rolls-Royce Group, BNF Resources UK Limited and Exelon Generation Limited will invest £195m across a period of around three years.

The funding will enable the business to secure grant funding of £210m from UK Research and Innovation funding.

The Nuclear AMRC said that it will work with Rolls-Royce on the next phase of its SMR programme, and help to prepare critical components for commercial production in the UK.





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## briefs

### New £17m factory

Lontra, the innovative developer, manufacturer and exporter of high value industrial machinery for critical industries, is opening a £17m 'Smart Factory' in South Yorkshire, that it said generates a "world-class manufacturing line".

South Yorkshire Mayoral Combined Authority (SYMCA) will partner with Lontra to support the new factory based in Doncaster, by providing a grant and loan package totalling over £7m through the South Yorkshire Renewal Fund, with approximately £10m of private sector match funding by Lontra.

Lontra and South Yorkshire MCA said they share the same focus for sustainable growth and a commitment to supporting innovation and skills development, while providing greener and smarter manufacturing solutions.

The partnership will contribute to the region's growth, creating over 300 new jobs with more across the regional supply chain, operating Lontra's global exports base for their energy saving compressor machine.

The 105,035 square foot factory, will manufacture energy saving products for global food manufacture, pharmaceutical products and water treatment, among others. These high value products will be exported globally through Lontra's international distribution network with distribution agreements secured.

Lontra CEO Steve Lindsey said: "We are thrilled to open our first factory in the region with the support of South Yorkshire MCA. This is a region that's incredibly progressive and we are proud to be a part of their innovation story." Lontra's factory brings together three initiatives: regeneration, reliable and electric low pressure blower production.

## Sulzer opens new state-of-the-art service centre



Following the completion of Sulzer's purpose-built service centre in Birmingham, the facility has been officially opened by His Royal Highness The Duke of Kent.

The investment in this state-of-the-art service centre represents Sulzer's ongoing commitment to delivering the next generation of service excellence and provides 24/7 support to customers.

Located on the Birmingham Business Park, the latest enhancement to Sulzer's extensive network of service centres has been specifically designed to optimise workflows. It aims to ensure customers receive best-in-class service in terms of quality and

speed of repair.

Building on the legacy of the Camp Hill site, which has provided engineering expertise for 100 years, Sulzer has relocated its wealth of engineering knowledge and craftsmanship to a purpose-built facility. The comprehensive range of in-house design skills and cutting-edge technology are being used to deliver precision repairs and improve equipment performance.

Chris Powles, head of electro-mechanical services in EMEA, said: "We have created a center of excellence that operates on lean manufacturing principles and sets the benchmark for the maintenance and repair of all vital equipment.

Our engineering expertise and experience mean we deliver the highest quality of service and we encourage customers to visit us and see for themselves."

Sulzer has also invested in new equipment including larger, 50-tonne overhead cranes and constructed an upgraded overspeed balancing pit, which is the only independent facility in the UK.

The company offers optimised overhaul projects for all crucial industrial equipment including cutting-edge additive manufacturing and state-of-the-art digital technologies.

Together with the ability to design, manufacture and test high-voltage coils, as well as advanced reverse engineering capabilities, Sulzer said it "delivers best-in-class services to its customers".

The fluid engineering firm is a specialist in pumping, agitation, mixing, separation and purification technologies for fluids of all types and the company operates 180 manufacturing facilities and service centres across the globe.

Sulzer has been headquartered in Winterthur, Switzerland, since 1834.

## AMRC graduate's final year project put to good use

Ceratizit UK & Ireland's investment in apprentice training is paying off with Stephen Pennington completing his Manufacturing Technology apprenticeship and final year industrial project by designing and manufacturing a feature rich custom cartesian 3D printer.

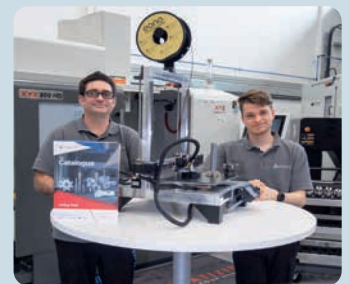
This printer will now be used in the new Ceratizit Technical Centre in Sheffield to rapidly prototype special tooling prior to their manufacture within the group, as well as other workshop applications.

Stephen, who is now a projects sales engineer working in the Ceratizit Technical Centre, was given

full creative control of the project, which involved carrying out a review of existing desktop 3D printing systems and identifying the best features of each, then incorporating them into his design.

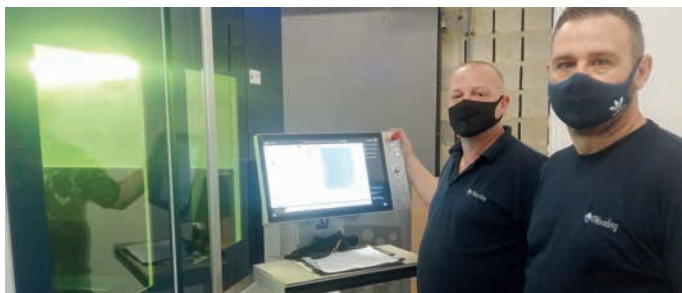
The result was a printer featuring a fully custom aluminium frame, linear rail technology to move each axis, 32bit mainboard for control, an auto bed levelling sensor, direct drive extrusion and a touchscreen user interface.

150 hours was spent on the project, which included 50 hours of machining components on the XYZ 800 HD VMC located at Ceratizit UK & Ireland's Technology Centre and



the writing of a 7000-word dissertation.

While many apprentice projects simply gather dust on a shelf, Stephen's 3D printer is going to be hard at work creating rapid prototype models of special tooling for customers.



## HV Wooding invests in a Trumpf

Hythe-based HV Wooding, a specialist metal component manufacturer, has received a new laser cutting machine that is set to deliver up to £1m of new sales.

The firm employs 90 staff and has invested more than £500,000 into the installation of the Trumpf TruLaser 3030 as it looks to take advantage of significant 'electrification' opportunities.

HV Wooding has doubled its laser capacity with this addition and the machine will be used to produce thin gauge laminations and busbars for use in electric cars, lorries, buses and commercial vehicles, not to mention offering customers the ability to cut below 0.5mm thickness and to a better than 50 microns tolerance.

The Trumpf 3030 has a 3kW laser power, simultaneous axis

speeds 170M/min, axis acceleration of 14 m/s<sup>2</sup> and a fast pallet change time.

"Our existing laser was working 24 hours per day, so we needed an additional option to help us satisfy current demand and to give us capacity to target new opportunities," said sales director Paul Allen. "Customers are changing designs of rotors and stators to increase performance and this investment gives us the ideal solution to offer quick turnaround prototypes without the cost of wire cutting."

He added: "Over £200,000 of orders have already been placed, with the potential to add another £800,000 between now and the end of 2022." In the last 10 months, turnover is up £600,000 since the last lockdown.

## Business is booming at ACE

A Telford precision engineering firm is trading 10% above pre-Covid-19 levels after posting its largest ever monthly intake of orders.

Advanced Chemical Etching (ACE) employs 54 people at its facility at Hortonwood, has seen volumes in the automotive and aerospace sectors increase rapidly, alongside new opportunities for its titanium, copper and aluminium etching expertise.

With turnover 30% up on last year, the firm has also started a new recruitment campaign to find several new production engineers.

ACE managing director Ian Whateley said sales are back above figures at the start of 2020. He

added ACE is doing lot more in the EU, with 15 new clients already secured in Germany with many tapping into the lightweighting opportunities.

ACE is looking to hit revenue of £10m in three years and then £12m by 2026 and has just signed off on a £500,000 investment to acquire additional etching machines, new metrology capabilities and an increase in material stockholding.

The firm has also bought a new CNC machine machine that will enable ACE to offer domestic and international customers the benefits of both etching and machining of precision components.

## briefs

**The training arm of the Manufacturing Technology Centre (MTC), MTC Training, has joined forces with global training provider BPP to boost its range of apprenticeships.**

The partnership aims effort to tackle skills shortages in manufacturing and engineering, and will provide apprenticeships and degree apprenticeships in a range of disciplines needed in advanced manufacturing organisations.

The portfolio of apprenticeships from Level 3 to Level 7 Masters degrees will cover digital technologies and the use of data, in line with the UK's national skills strategy, accelerating MTC Training's commitment to support the country's manufacturing future.

Apprenticeships on offer in the new partnership include digital and technology solutions, data science and data analysis, and an MSc degree in applied data analytics. Degree apprenticeships are delivered by BPP University which is a distinct legal entity within the BPP Group with a dedicated management team and its own degree-awarding capability.

Courses will be available to MTC Training customers based out of the Advanced Manufacturing Training Centre in Coventry or OAS in Oxfordshire.

**Yamazaki Mazak UK said it has demonstrated its commitment to the future of British manufacturing with the intake of 17 new apprentices.**

The latest wave of recruitment brings the total to 62 apprentices currently in training, with over 200 successfully trained since the scheme was first started back in 2011.

Richard Smith, European Group managing director at Yamazaki Mazak, said: "Despite the pandemic, we believe our apprenticeship program is critical for the long-term future of our business and that of the wider manufacturing sector. For this reason, we have maintained our apprenticeship intake this year."

The newest cohort's training is split between a college education and hands-on involvement in the workplace, beginning at Worcestershire Group Training Association's (WGTA) training centre in early September. Here, they will learn the basics of CNC machining, and electrical, mechanical and sheet metal manufacturing.

Eventually, the class of 2021 will work alongside Mazak staff in a number of departments at their European headquarters in Worcester.

Most of the apprentices will complete a Level 3 accredited apprenticeship pathway, but they will also have the opportunity of completing an extension to HNC/D level.







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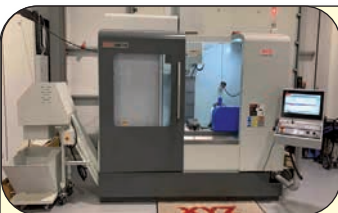
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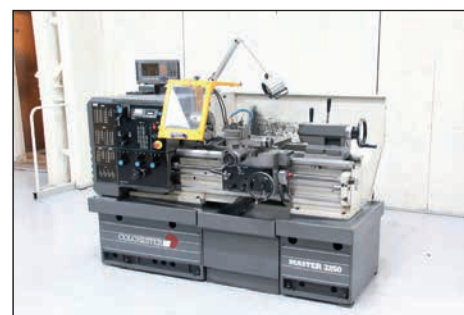
2011 XYZ Protturn SLX 1630 x 760mm



Harrison V350 VS Gap Bed Centre Lathe x 650mm



2015 XYZ SMX 3500 Bed Mill. 787mm X Travel



Colchester Master VS Gap Bed Centre Lathe x 650mm

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### 0390 EDM, Die Sink

#### CNC



**HURCO 425 MARK 2 EDM Spark Eroder**, 25 Amp Generator, Tank size 450 x 320mm, XYZ travels 260 x 130 x 220 + 152mm, System 3R toolholder, DRO, checked over and serviced. Email: [sales@ronthompsonmachinery.co.uk](mailto:sales@ronthompsonmachinery.co.uk)

Tel: 01564 773351 [www.ronthompsonmachinery.co.uk](http://www.ronthompsonmachinery.co.uk)



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 Email: [sales@edm.co.uk](mailto:sales@edm.co.uk)

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Fanuc Alpha 1iA built in 2001 Charmilles Roboform 31



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### 0645 Grinders, Cylindrical, Universal

#### Non-CNC



**Jones & Shipman 1302 EIU 2 Cylindrical and Internal Grinder**, Maximum Swing 14" x 27", between Centres, Steadies, 3-Point and 2-Point, Mag chuck, 3 Jaw Chuck, Radius Dresser, Faceplate, Coolant, Wheel arbours Email: [sales@wilsonmachinery.co.uk](mailto:sales@wilsonmachinery.co.uk) £

Tel: 01245 221200 [www.wilsonmachinery.co.uk](http://www.wilsonmachinery.co.uk)



**JONES & SHIPMAN 1300 EIU UNIVERSAL CYLINDRICAL GRINDER (12236)**, Capacity 10" x 27" : Hydraulic Feeds : Swivel Wheelhead : Swivel Workhead : 3 Jaw Chuck : Internal Spindle : Steadies : Wheel Dressers : Low Volt Light : Coolant : Splash Guards.POA Email: [info@bwmachinetools.co.uk](mailto:info@bwmachinetools.co.uk) £

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[www.machineryclassified.co.uk](http://www.machineryclassified.co.uk)





**JONES & SHIPMAN 1302 EIT (12489) UNIVERSAL CYLINDRICAL GRINDER**, Capacity 14" x 27" : Hydraulic Feeds : Double Swivel : Swivel Wheelhead : Swivel Workhead : 3 Jaw Chuck : Internal Spindle : Steadies : Wheel Dressers : Low Volt Light : Coolant : Splash Guards. POA

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Tel: 0116 288 6070

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#### 0705 Grinders, Other



**HUNTON SWING GRINDERS - MAJOR MODEL** Large capacity up to 'E' station Amada and Wiedemann Trumpf + all Strippit Tooling, Dry or with coolant. KEEP THE EDGE ON YOUR TOOLS + SHEAR BIGGER CAPACITY FOR ALL SIZES OF PUNCHES AND DIES. Email: [sales@mjallen.co.uk](mailto:sales@mjallen.co.uk)

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#### 0740 Grinders, Surface

##### Non-CNC



**SUNNEN SSH-1680 HONE** New 2018, Bore 3 - 60mm, Max Bore Length 250 mm, Spindle Speeds 250-2500rpm, Stroke speed 80-310spm C/w light guards

Email: [phil@philgeesinmachinery.co.uk](mailto:phil@philgeesinmachinery.co.uk)

Tel: 0114 279 7619

[www.philgeesinmachinery.co.uk](http://www.philgeesinmachinery.co.uk)



**SEEDTEC YSG-618AHR Surface Grinder**, (1993), Capacity 500 x 150mm, Travels 550 x 177mm, Magnetic chuck 340 x 150mm, Auto reversing saddle, Coolant and dust, Excellent condition. Email: [sales@ronthompsonmachinery.co.uk](mailto:sales@ronthompsonmachinery.co.uk)

Tel: 01564 773351

[www.ronthompsonmachinery.co.uk](http://www.ronthompsonmachinery.co.uk)



**Jones & Shipman 540L** power up/down, 2 axis DRO, mag chuck Email: [sales@bdttools.co.uk](mailto:sales@bdttools.co.uk)

Tel: 01388 776052

[www.bluediamondmachinetools.co.uk](http://www.bluediamondmachinetools.co.uk)

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#### 0745 Grinders, Surface, Rotary Table

##### Non-CNC



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- Manufactured in the UK



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[info@penico.com](mailto:info@penico.com)

Fax: +44(0)1274 510 770  
[www.penico.com](http://www.penico.com)

# Great deals on new and used machine tools - every day...every week...every month!



Leadwell V-40 VMC with Fanuc control, 8,000RPM spindle & Nikken 4th axis head. YOM 2006



MACH S202 CNC Lathe with Fanuc control, 8" chuck, tailstock, parts catcher, bar feed interface, swarf conveyor, probe. Superb! YOM 2018



Dugard SS1263L VMC with Heidenhain i530 control 12,000RPM direct-drive spindle, thru coolant, 1,200kg sd table load. YOM 2015



Dugard ECO 760 VMC with Siemens 828D control & Shopmill, 8,000RPM. Immaculate! YOM 2012



Cincinnati Lamb CFV 800i with Heidenhain i530 control, 30-tool ATC, Nikken 4th axis, 12,000RPM spindle with through coolant. YOM 2008



Okamoto Grind-X ACC64CA-iQ CNC Surface Grinder. Only used as a demo machine and stored since! Just received. YOM 2010



Quaser MF500-C 5-Axis Trunnion Style VMC with Siemens 828D control, 12,000RPM, 30 tools. Immaculate! YOM 2012



Hardinge Talent 645-SV with Fanuc control, 6" chuck, 42mm spindle. Immaculate! YOM 2006



Hardinge Bridgeport XV 710 with Siemens 810D control & Shopmill, 8,000RPM BT40 spindle. Immaculate! YOM 2007



Hardinge Bridgeport XR 1000 with Heidenhain i530 control, 12,000RPM direct-drive spindle, thru coolant, 4th axis probing. YOM 2010



Hardinge Bridgeport XR 760 with Heidenhain i530 control, 12,000RPM direct-drive spindle, thru coolant, 4th axis probing. YOM 2008



Hardinge Elite 8/52 with Fanuc control, C-axis & live tools, driven tooling package, bar feed. YOM 2003



Hwacheon Hi-Tech 200Ai with Fanuc control, 8" chuck, tailstock, parts catcher, removable tool probe. YOM 2005



Colchester T8M with Fanuc control, driven tools, C-axis, tailstock & tooling YOM 2008



Colchester T8 CNC Lathe with Fanuc control, 210mm dia chuck, 77.5mm bore, parts catcher & swarf conveyor. YOM 2008



Haas ST15-TCE with power chuck, tailstock, swarf conveyor, parts catcher. YOM 2018

Bristol showroom:

**Units 1-3 Chapel Lane, Clay Hill,  
Fishponds, Bristol BS5 7EY**

NEW Leicester showroom:

**Unit F5 Waterside Road, Hamilton Industrial Park,  
Leicester LE5 1TL**



Bristol showroom:  
0117 965 2706

**NEW** Leicester showroom:  
0116 246 0066



Haas ST10 with 8" chuck, tailstock, parts catcher, tool setter, swarf conveyor. Less than 45 hours!!! As new!! YOM 2020



Haas SL10 with parts catcher and swarf auger, fitted with Haas Servo 300 bar feed. YOM 2004



**CHOICE OF 2**

Haas TL2 with quick change tool post and holders, 8" 3-jaw chuck, coolant. YOM 2014. As new!



Haas VF2SS with 4th axis drive, 12,000RPM spindle, direct drive spindle, 24-tool rapid ATC. YOM 2010



Haas VF4SS with 4th axis drive, 12,000RPM spindle, direct drive spindle, 24-tool rapid ATC. YOM 2008



**CHOICE OF 2**

XYZ VMC 710 with Siemens 828D control, 24-tool side-mount ATC, 8,000RPM. 2010 & 2014



XYZ 1020 VMC with Siemens 828D control, 8,000RPM, 24-tool side-mount tool changer. YOM 2012



XYZ 2 OP portable VMC with ProtoTrak control, 8-tool ATC & tooling. YOM 2016

**CHOICE OF 2**



XYZ XL 1100 x 2m with Siemens control, 1,000mm 4-jaw, 160mm spindle bore, 1,100mm swing, auto indexing tool post, power tailstock. Virtually unused! YOM 2019



XYZ SLX 555 x 1m with 12" chuck, 104mm spindle bore. Immaculate! YOM 2012



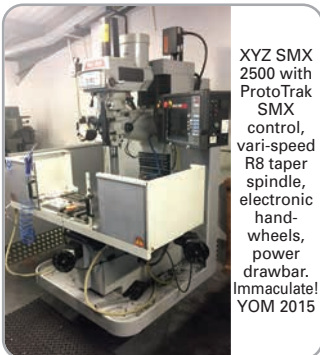
**CHOICE OF 2**

XYZ SLX 1630 with 3- & 4-jaw chucks, travelling & fixed steadies. Immaculate! YOM 2012



XYZ SMX 2000-2 with R8 spindle, power draw bar, DXF file reader and table guards. YOM 2016

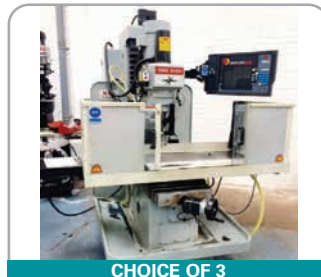
**CHOICE OF 2**



XYZ SMX 2500 with ProtoTrak SMX control, vari-speed R8 taper spindle, electronic handwheels, power drawbar. Immaculate! YOM 2015



XYZ SMX 3000-3 with 3-Axis ProtoTrak SMX control, vari-speed head, ISO 40 spindle. YOM 2008



**CHOICE OF 3**

XYZ SMX 3500 with ProtoTrak SMX control, electronic handwheels, Traking & power drawbar. YOM 2013



XYZ SMX 4000 with ProtoTrak SMX control, programmable spindle speeds, Traking, electronic handwheels & power. YOM 2012

**CHOICE OF 3**

Email: [info@machinetoolsalesonline.com](mailto:info@machinetoolsalesonline.com)  
[www.machinetoolsalesonline.com](http://www.machinetoolsalesonline.com)

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**0800 Keyseaters**

**Non-CNC**



**Fromag 63/425 Keyseater** Width 63 mm, Stroke 425 mm, Pendant Control £POA  
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Tel: 0114 279 7619 www.philgeesinmachinery.co.uk

**0825 Lathes, Centre, Gap Bed**

**CNC**



**DUGARD EAGLE BNC 1860 CNC LATHE**, 475 x 1650mm : 51 mm Spindle Bore : 8 Station Indexing Turret Toolpost : Speeds 100 - 4500 rpm : 3 Jaw Chuck : Fagor CNC Control : Guards : Lighting : Coolant.  
Email: info@bwmachinetools.co.uk

Tel: 0116 288 6070 www.bwmachinetools.co.uk



**COLCHESTER MASTIFF 1400 535X2500MM**, GAP BED 90 MM SPINDLE BORE 18-1400RPM, EQUIPMENT  
Email: sales@wilsonmachinery.co.uk

Tel: 01245 221200 www.wilsonmachinery.co.uk



**COLCHESTER TRIUMPH 2000 390mm swing x 1250mm b.c.**, NEW D.R.O., Q.C.T.P., 3-Jaw chucks, 3 point steady, Sliding chuck guard, Excellent condition.  
Email: sales@ronthompsonmachinery.co.uk

Tel: 01564 773351 www.ronthompsonmachinery.co.uk



**COLCHESTER TRIUMPH 2000-50" MARKII GAP BED LATHE**, 3 JAW, 4 JAW, QUICK CHANGE TOOLPOST.  
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Tel: 01245 221200 www.wilsonmachinery.co.uk



**EXCEL MODEL XL40 year 1996**, 1000MM SWING X 3000MM ,SWING OVER CROSS SLIDE 740MM, GAP BED, STEADIES ,CHUCKS 8-1000RPM,  
Email: sales@wilsonmachinery.co.uk

Tel: 01245 221200 www.wilsonmachinery.co.uk



**HARRISON M300 Gap Bed Centre Lathe**, Swing 330 mm x 1000 mm b.c. Spindle Bore 38 mm, Spindle speeds 40-2500rpm, C/w 3 & 4 Jaw Chucks, Taper Turning Attachment & Travelling Steady.  
Email: phil@philgeesinmachinery.co.uk

Tel: 0114 279 7619 www.philgeesinmachinery.co.uk



**HARRISON M460 (12351) x 2000mm GAP BED CENTRE LATHE 3" Spindle Bore** : 16 Speeds 20 - 1600 rpm : 3 & 4 Jaw Chucks : QCTP & Holders : Newall 2 Axis DRO : Fixed Steady : Coolant : Chuck & Splash Guards. YOM 1996.POA  
Email: info@bwmachinetools.co.uk

Tel: 0116 288 6070 www.bwmachinetools.co.uk



**Harrison model 390 swing over bed 400mm x1250mm** ,gap bed ,25-2000rpm .full equipment and dro  
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Tel: 01245 221200 www.wilsonmachinery.co.uk

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**01322 221 144**

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**Non-CNC**



**COLCHESTER MASCOT 1600 (12470) 17" x 60" GAP BED CENTRE LATHE 3" Spindle Bore** : 16 Speeds 20 - 1600 rpm : 3 & 4 Jaw Chucks : QCTP & Holders : Fixed Steady : Low Volt Light : Coolant : Chuck & Splash Guard. POA  
Email: info@bwmachinetools.co.uk

Tel: 0116 288 6070 www.bwmachinetools.co.uk



**Gate-G-330E Centre Lathe Ex-College**, 330mm swing x 1M, 3 & 4- Jaw Chucks, Steadies, QCTP with 4 holders, light, Coolant, interlocked guards, Set of change gears, Excellent Condition, 2 available GMU-064 & 066  
Email: sales@gatemachinery.com

Tel: 01923 211000 www.gatemachinery.com

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[www.nobilla.co.uk](http://www.nobilla.co.uk)

Tel: 01438 812409 Mobile: 07940 894982

Email: [simon@nobilla.co.uk](mailto:simon@nobilla.co.uk)

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**Nobilla Machine Tools Ltd (1980)**



**Colchester Triumph 2000 x 50" gap bed imp.** S/n# 6/0044/35018DD (Ex-Pfizer Corporation)...POA. C/w 3&4 jaw chucks, Q'change Toolpost & 4off holders, faceplate, bedstop & coolant. Excellent slides & headstock with original paintwork. Three months parts warranty with this lathe. Extra accessories available: DRO, Ainjest, Copy unit, etc.....Ref 11.



**Colchester Magnum 1250 x 3m Gap bed lathe** £15,500+vat  
C/w 3 & 4 jaw chucks, one axis dro, light & heavy duty steadies, Travelling steady, Q'change toolpost & holders, Taper turner, plus lots of extra tooling. Quiet headstock & good slides. Rapid feed button needs replacing. This lathe can be seen under power at a client's workshop.



**Mastiff 1400 x 120" Met gap bed**

Serial # LMF12 GMRJH/07124 - £12,750+vat

C/w 3 & 4 jaw chucks, Two axis Acu-rite dro, Q'change toolpost & holders, Heavy duty fixed steady, Taper turner, Lo-vo-lite, bedstop. Good head & slideways. Warranty.



**Triumph 2000 x 50" imp Gap bed ex College lathe**  
In excellent condition.

Complete with 3 & 4 jaw chucks, Q'change toolpost and holders, Fixed & travelling steadies, tooling coolant, bedstop. Warranty.....POA.



**Ex-MOD (Excellent)  
QS QDM 32 Pillar drill**  
- Serial No. 2170-84  
£2,750+vat

Ex- MOD Qualters & Smith in excellent condition. Geared head pedestal drill with automatic downfeed Lo-vo-lite, coolant and Insta-brake.

Rack & pinion table elevation. Table swivel facility.



**Elliot SE Heavy Duty  
Drill with auto-down  
feed** £1500+vat  
Spindle Taper MT4  
9 speeds 58-839rpm. Varying auto downfeed speed. Rise and fall table & coolant. 440 x 640mm T Slot table. Good working condition.

**MASTIFF 1400 X 40" MET GAP BED**



**In Very good condition.....POA**  
C/w 3 & 4 jaw chucks, Two axis dro, Q'change toolpost & holders, Lo-vo-lite, bedstop. Original slideways very good & very good headstock.

**EXCELLENT MASCOT  
1600 X 100" GAP IMP**



C/w 3 & 4 jaw chucks, Q'change toolpost & holders, Heavy duty steady, lo-vo-lite, Excellent slides & headstock. Original paint from new. Three months parts warranty. £POA

**ARRIVING SHORTLY**



**RICHMOND ENVOY  
RADIAL ARM DRILL**  
with instabrake.  
Ex-Aerospace  
£POA

**HARDINGE DSM59  
SUPER-PRECISION**



Second operation capstan Lathe with Barfeed  
£POA

**Choice of two: Ex- MOD surplus Harrison  
M300 25" met gap bed lathe**



Excellent slides & headstock... POA  
C/w 3 & 4 jaw chucks, Q'change toolpost & holders, bedstop, & coolant. Excellent slideways & headstock. Three months parts Warranty. Extra accessories available: DRO, Ainjest, Copy unit, etc.



**Triumph 2000 x 30" imp Gap bed ex Mitsubishi  
Cam Maintenance lathe.** In excellent condition.  
Complete with 3 & 4 jaw chucks, two axis Mitutoyo dro, Q'change toolpost and holders, faceplate coolant, bedstop. Warranty.....POA. coolant, bedstop. Warranty.....POA.

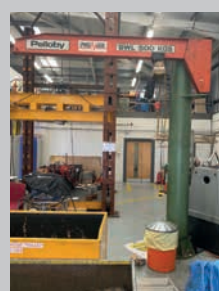
**ARRIVING MAY.....COLCHESTER TRIUMPH  
2000 X 30" GAP BED IMP**



Serial #TR 30GIRHJ/38135(Ex-Pfizer Corporation).....POA  
C/w 3&4 jaw chucks, Q'change Toolpost & 4off holders, faceplate, bedstop & coolant. Excellent slides & headstock with original paintwork. Three months parts warranty with this lathe. Extra accessories available: DRO, Ainjest, Copy unit, etc.... Ref 10



**Heavy Duty  
Induma Vertical  
Mill.**  
Table 60" x 11".  
ISO 40int. Two  
axis Anilam dro.  
Variable speed  
head. Variable  
& Rapid feed to  
table. Coolant  
£2,500+VAT



**Pelloby  
500kg  
electric hoist  
Jib Crane in  
Very good  
condition.  
....POA.**

**Length of  
movement  
of jib arm...  
2.25m**

**Height under  
jib arm... 3m.**



**Colchester Student 2500 x 40" gap bed metric**  
C/w 3&4 jaw chucks, two axis dro, q'change toolpost & holders, travelling steady & coolant. Very quiet headstock.....£3,750+vat.



**Ex-Campus College Triumph VS 2500  
x 30" gap bed lathe in excellent  
condition (Just dirty due to lack of use)**

C/w 3 & 4 jaw chucks, chuck guard, Q/C toolpost & holders, Lo-Vo-Lite, coolant, bedstop. Extra accessories available: DRO, Ainjest, Copy unit, etc. £POA

**MEGA MACHINE BS300HAS  
FULLY AUTOMATIC  
HORIZONTAL BAND SAW**



Can feed in up to 3.5m of material in one session. Y.O.M 1996. Serial # 960222.  
£3,995+vat



**Pyramid Manual rolls 4ft capacity with drop out  
roller for tube rolling.....£1,495+vat**

**STARTRITE 316H VERTICAL BANDSAW  
IN EXCELLENT CONDITION:**



Horizontal / Vertical / Manual /  
Semi Auto Vertical  
Cutting Diameter (mm): 30" throat  
Dimensions Of Saw-Band (mm):  
16mm  
Cutting Speed (M/S) 90-3600  
Main Drive Power (KW/N/HZ): 415v  
Feed: Hydraulic  
Welder: Yes

£POA



## 0830 Lathes, Centre, Straight Bed

## Non-CNC



**Harrison Alpha 1350 XS CNC lathe**, New 2016, Fanuc Oi-TD CNC, 350mm swing over bed, speeds to 3500rpm, QCTP, 42mm bore, 650mm between centres(21016) £P.O.A  
Email: nick@newcentury.co.uk

Tel: 0161 330 4242

www.newcentury.co.uk



**SKODA MODEL SUA125P HEAVY DUTY UNIVERSAL CENTRE LATHE SWING OVER BED 1320 MM**, DISTANCE BETWEEN CENTRES 11000MM, YOM 1983 WITH SCREWCUTTING, SWINGT OVER CARRIAGE 950MM, 0.9-350RPM. MAIN MOTOR 45KW. Email: sales@wilsonmachinery.co.uk

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www.wilsonmachinery.co.uk



**SMART & BROWN MODEL 1024** Ex-university hospital clinical engineering department, 11" SWING, 24" BETWEEN CENTRES, SPINDLE SPEEDS 30-2500RPM WITH EQUIPMENT.

Email: sales@wilsonmachinery.co.uk

Tel: 01245 221200

www.wilsonmachinery.co.uk



**XYZ Protur VL 355** excellent condition  
Email: sales@bdttools.co.uk

Tel: 01388 776052 www.bluediamondmachinetools.co.uk

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## 0835 Lathes, CNC Turning Centres

## Non-CNC



**Haas TL1 CNC lathe**. 2007. Hand wheels for manual control. Full Haas control. USB input. Visual programming system. Rigid Tapping. 8 inch manual chuck. Quick release toolpost. Hard jaws (ext and int) Tool holders. Full Haas manual. Coolant. Tailstock MT3, Great condition. Can be seen running. POA. Loading facilities available on collection.

Email: mps.engineering@yahoo.com

Tel: 01262 678416



**HARRISON ALPHA PLUS 550S x 3000mm CNC/Manual Gap Bed Lathe**, (2000), GE/FANUC Alpha 21-iT Control, 554mm Swing x 3000mm, Spindle bore 104mm, PARAT High accuracy Q.C.T.P., 3 & 4 Jaw chucks, 3 point steady, Great condition.

Email: sales@ronthompsonmachinery.co.uk

Tel: 01564 773351

www.ronthompsonmachinery.co.uk



**Hyundai Wia L400LMC CNC lathe**, Installed 2018, Fanuc Series 32i, C axis and milling, speeds 2000rpm 117mm bore, 535mm max dia, 2100mm between centres (21012) £P.O.A  
Email: nick@newcentury.co.uk

Tel: 0161 330 4242

www.newcentury.co.uk



**Mazak SQT 200M CNC lathe**, Mazatrol PC Fusion CNC, C axis, live tools, bar feed, swarf con, speeds to 5000rpm, 300mm max dia, 535mm max length (21017) £P.O.A  
Email: nick@newcentury.co.uk

Tel: 0161 330 4242

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**Mori Seiki NL2000SY CNC lathe**, Twin spindle, C axis, milling, barfeed, parts conveyor, 65mm spindle bore, 356mm max diameter, 510mm max cutting length (21020) £P.O.A  
Email: nick@newcentury.co.uk

Tel: 0161 330 4242

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**+44 (0)1444 245414** or Email: **info@stevenmooneymachinery.co.uk**



**Nakamura WT100MMY - 7 axis**

2007, Fanuc 31iT Control, std turning dia 170mm, turning length 503 mm, Bar cap 42 mm left/right, 2x 12 str. turrets, all stations for driven tools, 24 station index, Y-axis +/- 31 mm upper turret, C/w: driven & static tooling, Run times - tbc.



**XYZ SMX2500 Bed Mill**

2018 table 1245 x 228mm, trav 780 x 390 x 560mm, 3HP head, R8 spindle taper, power drawbar, Features - Advanced Features, Network, Traking.



**XYZ SMX4000 Bed Mill**

2014, SMX 3 Control, table 1473 x 355mm, trav 1016 x 596 x 584mm, 40 int power drawbar, 5.75kw, 70-5500rpm.



**XYZ ProtoTRAK 2-OP**

2017, Prototrak 3 axis CNC Control, Table 457 x 381mm, Trav 355 x 305 x 455mm, rapids 15m/min, 6000rpm, BT30, 8atc, 3hp, 3-phase power.



**Mazak Variaxis 730-5X II**

2008, Mazak Matrix Control, 40 Station ATC, High pressure Coolant, Coolant through the spindle, 10,000RPM, Renishaw Probe interface, Swarf Management.



**Doosan DNM650**

2012, Heidenhain TNC530i, Trav 1270 x 670 x 625mm, 12000rpm, CAT40, 30atc, Swarf Conveyor.



**Hyundai Kia VX650/50**

2008, Fanuc 21i-MB, Travels X-1,400mm, Y-650 Z-635mm, Table 1,600 x 650mm, BT50 taper spindle, 6,000RPM, 24 ATC.



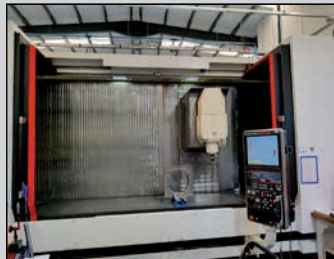
**Supermax YCM158B**

2003, Heidenhain TNC426, table 1700 x 860mm, trav 1500 x 860 x 750mm, bt50, 6,000rpm, 24atc, 15/18.5kw.



**Parpas 90HP/2000**

CNC Ram Style Machining Centre, rebuilt 2020, Unused since rebuild, Siemens 840Dsl control, Travel X 2,055, Y1,026, Z1,245mm, B axis travel 370 degrees, 185 degree/-185 degree, Spindle speed 8,000rpm, 30KW motor power.



**Mazak VTC800/30SR**

2014, Mazatrol Matrix 2 Control, table 3500 x 820mm, trav 3000 x 800 x 720mm, Spindle head rotation +/- 110 degrees, 48atc, CAT40.



**Miyano BNJ-42SY 7-axis**

CNC lathe and bar feeder, 2005, s/n BN90042Y, Fanuc 18iTB, 42mm bar capacity, 75mm Chuck capacity, 100mm working length for bar work, Sub-Spindle, Y-axis.



**Hydrafeed MX1B bar feeder**

2002, 1.5 metre bars, 3-80mm dia, overall length 2,100mm.



**ESAB 4300i AC/DC Tig Welder**

Unused, 2014.



**Progress Pillar Drill**

Model Progress no.3, 2MT spindle, power feed, Spindle speeds 70 to 1,780rpm, Rise and fall table, table size 380 x 480mm, Light.



**Joemars Model JM325DZ**

Small Hole Electrical Discharge Machine, 2005, Camar SW 5000 Fuzzy Control, Table Size 460mm x 210mm, X & Y Travel 330mm x 200mm, Ram Servo Travel 345mm, Max Electrode Length 400mm, Electrode Size 0.3mm - 3mm.



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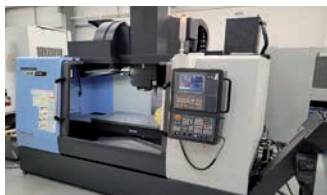
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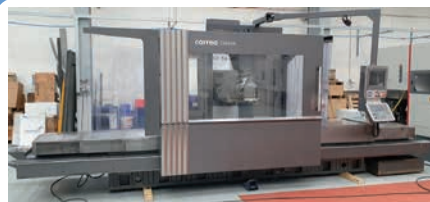


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**0955 Mills, Vertical**

CNC



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With LVD MNC 95/C control and light guards

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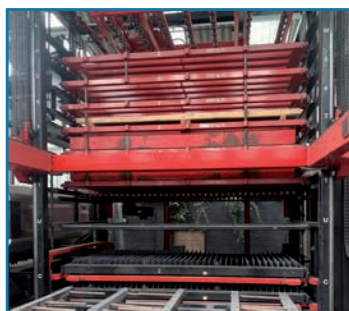
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