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CNC Horizontal Machining Center
DMG DMC 70 H DUOBLOCK
Swarf Conveyor
Year of production: 2007
CNC SIEMENS 840
X: 700 mm
Y: 800 mm
Z: 800 mm
B: 360 degrees
Pallet: 500 x 500 mm
Tool holder: HSK 63
Spindle rpm: 10 000 rpm
Tool magazine: 120 pcs

CNC Horizontal Machining Center **AB MARWIN AUTOMAX II**
2 pallet, Year of production: 2001 **CNC FANUC 150iM**
Working travel X/Y/Z: 3400/1350/760 mm, A/B:+/-45°
Pallet: 3100 x 1220 mm, Rapid feed: 25 000 mm/min

CNC Gantry Type Milling Machine **HARTFORD HB 3150**
Year of production: 1998 **CNC MITSUBISHI MELDAS**
Working travel X/Y/Z: 3000/1500/700 mm, Table: 3100 x 1500 mm, Tool magazine: 40 pcs, Range of spindle speeds: 40-3375 rpm, Max. workpiece weight on table: 6500 kg

CNC Vertical Machining Center **HARTFORD VMC 3060 SG**
indexer, Year of production: 2002 **CNC FANUC 18 M/C**
Working travel X/Y/Z: 3060/800/620 mm, Table: 3100 x 800 mm
Max. table load: 3000 kg, Tool magazine: 20 pcs

CNC Lathe **TORNOS BECHLER DECO 13 B/BI**
driven tools, sub-spindle, C axis, bar magazine
Year of production: 2000 **CNC FANUC PNC DECO**
Max. bar diameter: 13 mm, Turning length: 160 mm, Range of spindle/sub-spindle speeds: 12 000 rpm, Tools on rail: 14 pcs

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Sales Department

CNC Laser Cutting Machine
LVD IMPULS 6020
2 replacement tables
Year of production: 1996
CNC FANUC 160i-C
Laser power: 3 W
Table size:
6250 x 2050 mm
Working travel X/Y/Z:
2040/6050/280 mm

~~59 000 EUR~~ 49 000 EUR

Heavy Bending Rolls, 3 Rolls
SERTOM 1-EMO 30/15
Year of production: 2000
PLC SERTOM
including SIAM-hydraulic crane
Bending length: 3000 mm
Max.sheet thickness:
15 mm
Table with rolls:
4600 x 2100 mm

CNC Laser Cutting Machine
BYSTRONIC BYSTAR 3015
2 replacement tables, holder for pipe cutting, sheet metal feeder
Yea of production: 2003
CNC BYSTRONIC
Laser power: 3 000 W
Table working area:
3000 x 1500 mm
Holder for pipe cutting diameter: 150 mm

CNC Laser Cutting Machine
TRUMPF TRUMATIC L3030
rotolas,
2 replacement tables
Year for production: 2002
CNC SIEMENS
Laser power: 3200 W
Table working area:
3000 x 1500 mm

Cell with Welding Robot
FANUC ARC MATE 100 i
2 pallet
Year of production: 1999
CNC SYSTEM R J2
Range of axis: J1: +/-165°
J2: +135 - 75°
J3: +150 - 149°
J4: +/-190°
J5: +/-140°
J6: +/-320°
Max. arm reach: 1 368 mm
Pallet: 800 x 800 mm

~~19 900 EUR~~ 12 000 EUR

CNC Bending Machine
LANG EL HY 50 NC
Year of production: 1981
CNC SIEMENS
Max. pipe bending length: 3000 mm
Max. pipe bending diameter: 50 mm
Max. wall thickness:
2 mm
Max. bending radius:
200 mm

CNC Bending Machine
HERBER ABM 75 CNC
CNC HERBER
Max. bending pipe length: 3000 mm
Max. length of bending pipe: 75 mm
Max. wall thickness:
3 mm
Max. bending radius:
45 mm

CNC 7 axis Press Brake
AMADA APX 100 30
Year of production: 1995
CNC AMADA
Thrust: 100 T
Bending length: 3000 mm
Distance between stands: 2550 mm
Bottom beam stroke:
100 mm
Machine weight: 6400 kg

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Doors set to open at SteelFab 2016

On 17-20 January, SteelFab 2016 will open its doors at the Expo Centre in Sharjah, United Arab Emirates. Set to be the show's 12th edition, the region's steel fabrication and metalworking industry relies solely on SteelFab to acquire the latest machinery and improve productivity and efficiency. This has resulted in SteelFab registering impressive growth in visitor numbers and enquiries that translate into actual sales, therefore delivering an even greater opportunity for machinery dealers.

For example, the World Expo 2020 win and the reclassification of the UAE to emerging market status are sure to add dynamism to this year's exhibition. Furthermore, the world-familiar MTI Pavilion will be present at the show, hosting dealers such as Electromotion and GD Machinery, while Dugard will be located on the adjoining stand with its local partner, Aliyat. Also present will be Used Structural Steel Machinery, which will similarly be sharing a stand with its local partner. As always, MTI will be distributing additional printed copies of the latest issue (over and above the regular circulated quantity) to show visitors as part of its worldwide exhibition tour schedule.

For further information www.steelfabme.com

Italians visit IKCO auto plants

An Italian delegation paid a visit to the production lines of Iran's largest car manufacturer, Iran Khodro (IKCO), last month. The 25-member delegation, which comprised Italian economic and industrial leaders, made a tour of IKCO's press, body, engine and assembly facilities. The visit was aimed at getting familiar with the capacities of IKCO and exploring various grounds for further co-operation. Among the visitors was the CEO of Telerobot, a long-time partner company of robot manufacturer, Kuka – Iran Khodro's body-in-white plant is heavily populated with the latest Kuka robotic technologies.

For further information www.ikco.ir www.kuka-robotics.com

Dugard steps up Gulf presence

Dugard Middle East Machine Tools has enjoyed an active presence in the GCC (Gulf Co-operation Council) region since the late 1990s, installing a significant number of machines throughout the United Arab Emirates (UAE), Saudi Arabia, Qatar, Kuwait and Bahrain. Operating from its sales and service operation in the UAE, the company originally concentrated on machines for the oil industry, particularly borers, lathes and double column milling machines – such as You Ji and Tos Varnsdorf models (Dugard Middle East Machine Tools is the official service company for Tos Varnsdorf in the GCC) – as well as the company's own Dugard ranges of large capacity lathes and bridge type machining centres.

Today, demand has increased to such an extent that the company is currently supplying its entire range to customers in UAE. As a result, Dugard Middle East Machine Tools' presence was fortified in 2015 with the opening of its own offices in Dubai. Furthermore, the company is now supported by Aliyat, which has become its sales and service partner for all countries in the GCC region.

For further information www.dugard.com www.aliyat.ae

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BMSY 325C

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HU 32 Super Vario

Milling machines

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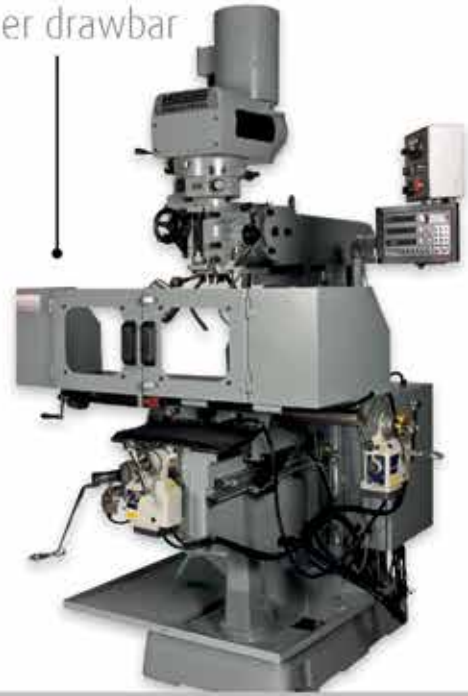
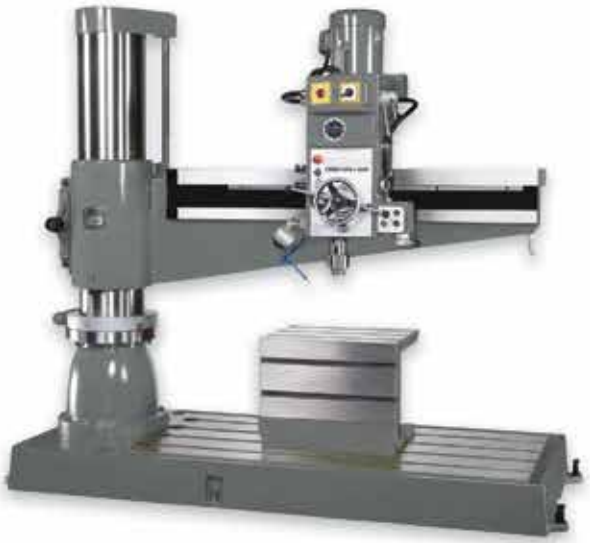
3 Axis Newall DRO
Power drawbar





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Taiwanese trade mission

The Taiwan External Trade Development council (TAITRA) recently led a trade delegation of 26 established Taiwanese suppliers to Kuwait. The visitors represented various industries such as industrial machinery, steel products, medical devices, auto parts and 3D printing. For the event, TAITRA arranged a series of trade meetings in Kuwait to give local buyers and SMEs a platform to discuss business with the participating Taiwanese companies and co-operate with them to exchange experiences. The delegation also visited Iran and Qatar.

For further information www.taitra.org.tw

ISO9001 for Gulftec

Dubai-based Gulftec Engineering has undertaken to incorporate internationally recognised ISO9001 quality management standards into its work processes. The company has been working to successfully complete the stages of implementation, analysis and evaluation, and has subsequently been awarded ISO9001:2008 certification. The certification of compliance with ISO9001 recognises that the policies, practices and procedures of the company ensure consistent quality in the products and services provided to clients, and reinforces Gulftec's continual improvement process through feedback from daily operations.

For further information www.gulftecheng.com

Knuth launches Arabic catalogue

Knuth Machine Tools of Germany says it has published the first Arabic technical catalogue for machine tools, containing more than 2500 machine tool and accessory products. The company claims it has one of the most extensive machine tool portfolios in the industry, including conventional and CNC-controlled milling machines, lathes, drilling machines, EDMs and saws, as well as a complete line of plasma, waterjet and laser cutting systems, and a large selection of tools and accessories.

"We are pleased to introduce to the Arabic world the first Arabic technical catalogue for machine tools," confirms Abeer Hefnawy, marketing director at Multirolla Co in Cairo, Kunth's agent in Egypt.

Knuth Machine Tools was founded in 1923 as a family-operated business and is led today by third generation owner, Karsten Knuth.

For further information www.knuth.de

Baykal in pole position

Baykal Machinery of Turkey has supplied a special, fully automatic pole cutting and bending machine to Qatar that is being used to help produce the new football stadiums required for the 2020 Fifa World Cup. The fully automatic line with an area of 26 x 60 m, and a cutting size of 2.5 x 14 m is said to save up to 50% of the total processing time and works with zero margin of error. The line not only prevents working hazards but also eliminates the cost of labour. It comprises four parts, including a plasma cutting table, loading/unloading unit, bending press and plasma pipe cutting unit.

For further information www.baykal.com.tr

RR supports Turkish AMTC

Rolls-Royce says it will be the first industrial lead and founder member of Turkey's Advanced Manufacturing Technology Centre (AMTC), a project led by Turkey's Ministry of Science, Industry & Technology that carries the endorsements of the Ministries of Defence, Transportation and Energy. Based on a collaborative cross-industry research working culture, the AMTC will be a public-private partnership focusing on manufacturing capability development and technology application in aerospace. However, further sectors such as civil nuclear and marine will be included in due course.

For further information www.rolls-royce.com

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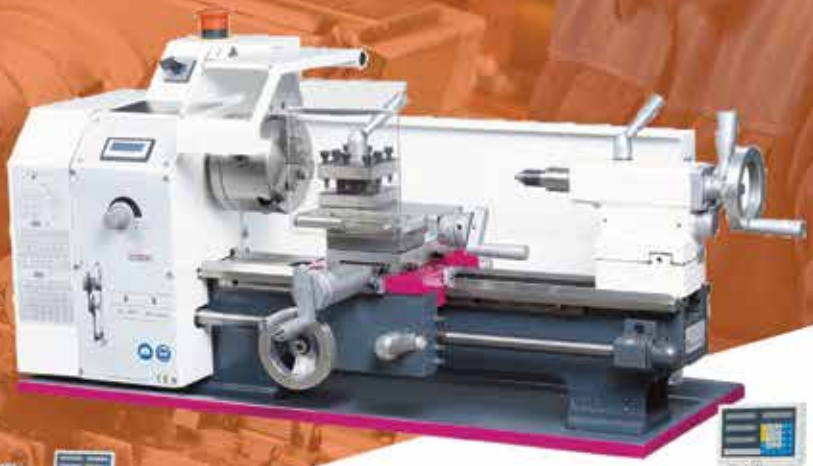

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Scan for website

AUCTION SPOTLIGHT

● GoIndustry DoveBid is staging an online auction of machines located in Cheshire and Lancashire, UK. Lots include: a Cincinnati Milacron Maximill T2 twin-spindle, five-axis profiler; two Waterbury Farrel Textron PC115 multi-draw transfer presses; two Webster & Bennett 48" boring mills; two National Machinery No 5 cold headers; a MecWash Midi 400 parts washer; an Asquith ODI Mk II 14/54 radial arm drill; and a Fritz Werner 8505 down-stroking press. Inspection is by appointment. Bidding ends on 12 January.
+44 (0)207 098 3792 www.go-dove.com

● Dechow is hosting an online auction of machines used previously by Jung, Boucke GmbH, Halver, Germany. Lots include: a Lasco HO-U hydraulic double-acting hammer; a complete forge production line; a Gräbener stamping press; a Woeste HSP100 hydraulic press; a Deckel DMC 103V CNC machining centre; a BBC EBS20-UPW15 magnetic induction heating system; and Caterpillar USF T500S tread sand blasting equipment. Bids close from 13 January.
+49 (0)40/43 1300 770 www.dechow.de

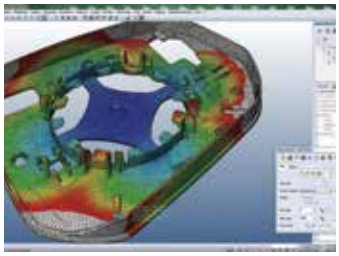
● MGR Appraisals is holding an online auction of machines owned previously by JAY Engineering, Cradley Heath, UK. Lots include: three Butler Elgamill 510 series bed mills; a union BFT80/2 horizontal borer; a Collet & Engelhard BF115 horizontal borer, a Colchester Mascot 1600 centre lathe; a Do-All H35 bandsaw; and a Fobco multi-spindle pillar drill; a Bison 270 bandsaw. Viewing is on 11-12 January (09:00-16:00). Lots start to close from 11:00 on 14 January.
+44 (0)121 200 2206 www.mgrappraisals.com

● Cottrill & Co is facilitating an online auction of a BHS Hofler H1001 gear grinding machine for spur, helical and cylindrical gears. The specification includes: maximum gear diameter of 1000 mm; maximum gear width of 420 mm; 1.5 to 18 module size; maximum helical angle of ±35°; 650 mm table diameter; coolant system; change gears; tailstock and extended height for spline grinding (rebuilt 2008). The machine is located in Gloucester, UK. Auction ends on 19 January at 15:00.
+44 (0)121 328 2424 www.cottandco.com

● GoIndustry DoveBid is conducting a private treaty sale of machine tools from Volvo Construction Equipment, Chagnwon, South Korea. The sale includes: 16 Doosan HP5500 horizontal machining centres (year of manufacture 2011) – 13 of which belong to a complete MCV machining line; a Yooil YGS-96A surface grinding machine; two OKK VM5 vertical machining centres; and a Koyo KC-400 centreless grinding machine. Sale closes from 13 May 2016.
+82 (0)10 5297 3974 http://tinyurl.com/00611021

UPCOMING FEATURES

18 January
CNC and CAM



25 January
Metrology

1 February
CNC lathes and turning centres

8 February
Bending and forming

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Lathe POREBA TR 135x2000 New in 1994. Technical condition very good. Turning diameter 1350 mm. Diameter over carriage 1000 mm. Diameter in gap bridge 1650 mm. Diameter in spindle 120 mm. Turning length 2000 mm.

Gear Hobbing Machine WMW ZFWZ 2000/3
New in 1986. Technical condition very good. With accessories. Maximum diameter of the detail without the rest: diameter – 2100 mm. Maximum diameter of the detail with the rest: diameter – 1450 mm. Maximum module of teeth cut with the use of hobbing method: 22 mm. Maximum module of teeth cut with the use of profile method: 30 mm.

Thread Grinding Machine MATRIX 1600 M/C MKII
New in 1980. Distance between centers: 450 mm. Maximum grinding diameter: 200 mm. Threading length: 200 mm. With accessories. Technical condition very good.

Hydraulic Press MULLER BZK 1600 -32.3.1
New in 1975. Technical condition good. Available with automatic sheet feeder. Force: 1600T. Slide: 3230×1800 mm. Table: 3230×1800 mm. Maximum clearance: 1900 mm.

Cylindrical Grinding Machine STUDER S30-1
Manufacturer STUDER Swiss. Serial number 3057.07. New in 1988. Technical condition very good. Centre height: 175 mm. Distance between centres: 650 mm. Max. longitudinal travel: 700 mm.

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135TE Turbo	30-130	£239.98	£287.98
151TE Turbo	30-150	£269.98	£323.98
165TEM Turbo	30-155	£339.00	£406.80
175TECM Turbo‡	30-170	£399.00	£478.80
205TE Turbo#	30-185	£429.00	£514.80

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Devil 650	15	£74.99	£107.98	£89.99
Devil 660 SS*	15	£109.98	—	£131.98
Devil 850	12.4 –31	£129.98	£167.98	£155.98
Devil 860SS*#	31	£149.98	—	£179.98
Devil 1850#	26.9 – 58	£299.98	—	£359.98
Devil 3000#	35.8 – 82	£339.98	—	£407.98
Devil 4000	70–131	£399.98	—	£479.98
Devil 3150#	46 – 100	£469.98	—	£563.98

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XR80	20.5kW	£229.98	£275.98
XR110	29.3kW	£279.98	£335.98
XR160	46.9kW	£329.98	£395.98
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DEVIL 6002	230V	0.7-2	£39.98	£47.98
DEVIL 6003	230V	1.5-3	£49.98	£59.98
DEVIL 7003	230V	3	£54.99	£65.99
DEVIL 6005	400V	2.5-5	£74.99	£89.99
DEVIL 7005	400V	5	£79.98	£95.98
DEVIL 6009*	400V	4.5-9	£119.00	£142.80
DEVIL 7009	400V	9	£137.99	£165.59
DEVIL 6015‡	400V	5-10-15	£179.00	£214.80
DEVIL 7015	400V	15	£199.98	£239.98
DEVIL 7025	400V	22	£319.00	£382.80
DEVIL 7030	400V	30	£359.00	£430.80

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HP125	21-30kW	668m³	£1099.00	£1318.80
HP145	30-42kW	935m³	£1579.00	£1894.80

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SSE25C270#	23CFM	5.5HP	£1469.00	£1762.80
SSE36C270†	30CFM	7.5HP	£1499.00	£1798.80
SSE46C270*	40CFM	10HP	£2198.00	£2637.60

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CSE400A	115	8.0m	£29.98	£35.98
PSV3A	133	8.0m	£34.99	£41.99
Hippo 2 230V	85	6.0m	£46.99	£56.39
PSV1A*	140	5.8m	£44.99	£53.99
HSEC650A†	290	9.5m	£184.99	£221.99

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MODEL	CFM	HP	RCVR	EXC.VAT	INC.VAT
CXR50R‡	17.1	5.5	200ltr	£2099.00	£2518.80
CXR100	37.1	10	–	£2799.00	£3358.80
CXR100R†	37.1	10	270ltr	£2739.00	£3286.80
CXR150R*	53	15	270ltr	£3359.00	£4030.80
CXR200	65.3	20	–	£3499.00	£4198.80
CXR200R▲	65.3	20	500ltr	£3499.00	£4198.80
CXR300•	102	30	–	£4499.00	£5398.80

CXR300

30HP 102cfm

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SE18‡	18	4	200	^£549.00	£658.80
SE26^	23	5.5	200	▲£679.00	£814.80
SE29+◊†	28	2x3	270	£969.00	£1162.80
SE36^•	30	7.5	270	£979.00	£1174.80
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Trumpf cuts punching times at Ernest Gill

Halifax-based Ernest Gill Manufacturing has followed up its recent acquisition of a Trumpf TruBend 5130X CNC press brake with an automated TruPunch 3000 CNC punch, a machine that has cut cycle times up to six-fold in some instances. Both the TruPunch and TruBend feature Trumpf tooling and TruTops software.

"We acquired the TruPunch 3000 for a couple of reasons; firstly our automated Trumpf 3530 laser cutting machine was up to capacity, and secondly, our existing punching machine [not Trumpf] was past its best," explains the company's manager, Simon Gill. "We had seen the advantages of automated load/unload on our Trumpf laser cutter and wanted the new punching machine to offer the same."

Gill decided to investigate the main punching machines available on the market but opted for the Trumpf largely because of the machine's single station punching head technology. The TruPunch punching head always holds just one tool – this can be a standard tool for punching, cutting, forming or marking, or one of Trumpf's MultiTools, which combine up to 10 different punch inserts in one tool adapter.

"The TruPunch 3000 features Trumpf SheetMaster load/unload automation with integrated toolchanger and duplex cart system, which enables us to leave it running unmanned overnight," says Gill. "On the first night it ran from 20:00 until 06:00 the next morning without stopping, producing a job that took 58 hours using our previous punching machine – a near six-fold reduction in cycle time. Furthermore, one of the small MultiTools recorded 250,000 hits on that night alone, which just shows how hard the machine worked."

For further information
www.uk.trumpf.com

Major steps forward for Radan 2016

The latest release of Radan sheet metal software contains a number of major technological steps to improve CADCAM, Radbend, Radm-ax and Radtube functions. Also, there is now a closer link between those individual modules, including a new style of program and file-type icons, giving a more unified feel.

The CADCAM module includes four major updates, starting with interactive auto-tooling. When manufacturers look at more complex parts they make a decision on where to use auto-tooling. In previous releases of Radan, auto-tooling did not give the option for specific tweaking. However, Radan 2016 allows users to specify which areas of the parts and nest to tool automatically, including individual variations of the parameters, such as the settings for a complicated aperture. This means users can be much more creative with their automatic tooling routines, says the company.

Also enhanced is support for the latest 2D/3D file formats. All file converters have been brought up to date with the latest versions,

while new functionality provides the ability to bring in additional information about the part, including material and thickness.

Further improvements include a new side panel. Here, Radan 3D analyses the model straight after importing it, showing a bill of material-style parts list in a panel on the right side of the screen. As well as identifying which parts are sheet metal for manufacturing with Radan, it can make the non-relevant parts of the assembly, such as bolts and screws, invisible. In short, it shows whether users can progress the sheet metal parts to the next stage, by detailing whether the material is available and if the thickness has been calculated properly, thus reducing the risk of errors.

For further information
www.radan.com

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Laser triples speed and reduces idle times

Neath-based Groundhog (UK), a manufacturer of HSE-compliant welfare units in which staff working on construction projects, railways and other sites can wash, change their clothes and eat, has acquired a 3 kW Bystronic BySprint 3015 fibre laser cutting machine equipped with a ByTrans 3015 Extended 12-shelf system for automated handling and storage of sheet metal. It joins an automated turret punch press installed in 2010.

Matthew Stevenson, design manager at Groundhog says: "Not only does the cell operate 24 hours a day, unmanned after our 08:00 to 16:30 day shift, but it also laser-cuts 1.5 mm thick mild steel sheet three times faster and with greater consistency than our old CO2 laser, which was of the same power.

"We are now cutting at 18 m/min rather than 6 m/min, profiling the sides, roof, doors and other parts of our products," he adds.

"Combining high processing speed with low idle times for sheet exchange has dramatically raised the throughput of our welfare unit components."

A feature of Bystronic's control software, BySoft 7, is its ability to tag components automatically during overnight running of the fibre laser so that they remain joined to the skeleton by thin strips of material. During the day shift, when an operator is in attendance to keep an eye on production, tagging is unnecessary as slippage of a component through an aperture to the underside of the sheet can be detected visually.

During unmanned production, however, the addition of small tags ensures that unscheduled stoppages and lost production are avoided. It is an easy job to remove the tags when shaking parts from the machined sheets in the morning.

For further information
www.bystronic.co.uk

Plasma electrodes double consumable life

Hypertherm is introducing SilverPlus electrodes for its HySpeed HSD130 plasma cutting systems. Like all versions of Hypertherm's SilverPlus, this electrode is proven in Hypertherm laboratory testing to last more than twice as long as a standard copper-tipped electrode. In addition, the electrode is said to deliver consistent range 4 and 5 cut quality throughout its life.

The electrodes, protected by patent, are created by fusing a solid silver tip on to a copper electrode base and then inserting a hafnium pin into the tip. This serves to slow the electrode's wear rate as silver disperses heat better than copper. Hypertherm says the electrodes are further differentiated by a superior bond between the hafnium and silver for more consistent wear rates, deeper pit depths, and more robustness to ramp-down errors and hard failures.

"Our SilverPlus electrodes have long been recognised for delivering proven performance benefits to owners and operators of our HyPerformance systems,"

says Martin Geheran, a consumables product manager at Hypertherm. "Now HySpeed plasma system owners can enjoy that same benefit while reducing their overall operating cost through the purchase of fewer electrodes and even nozzles, as the increased electrode life also translates into double the nozzle life."

Using original consumables for Hypertherm plasma cutting system is the only way to ensure optimal performance, says the company. Patented technology and precision manufacturing combine to deliver increased cut speed, better edge quality and longer consumable life.

For further information
www.hypertherm.com/SilverPlus

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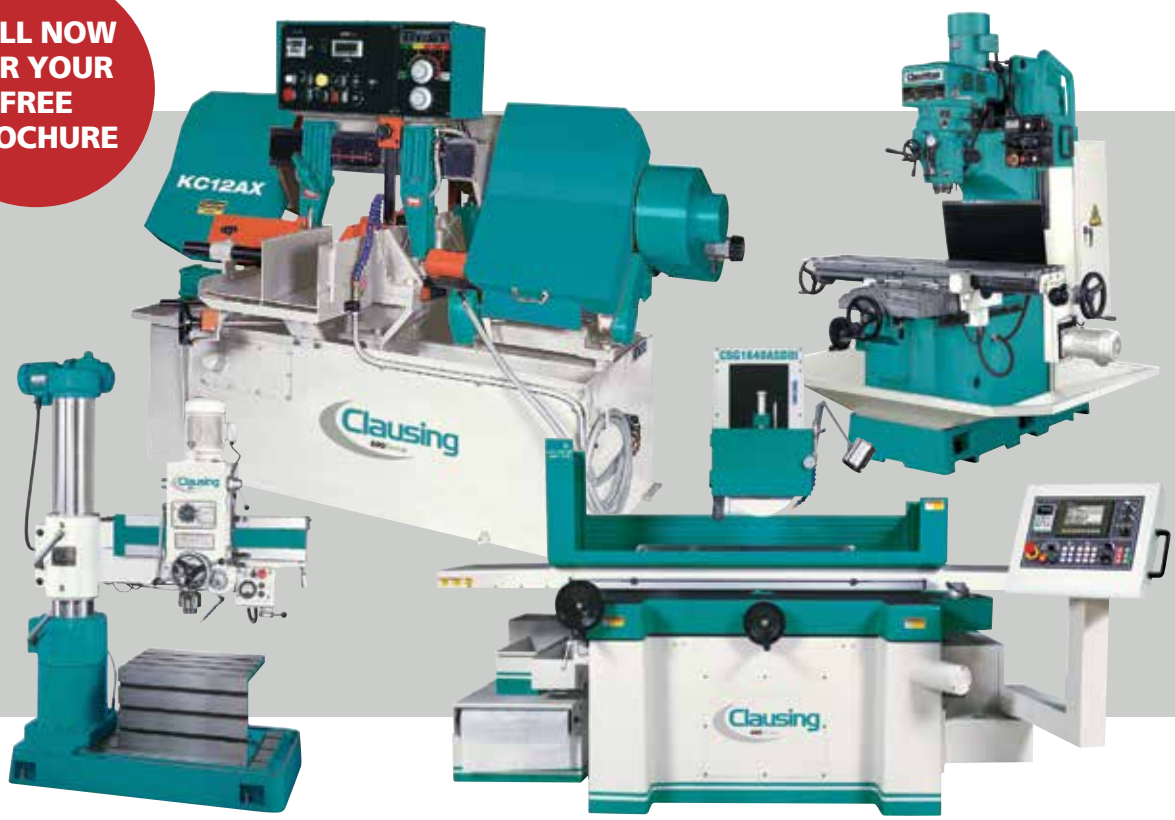

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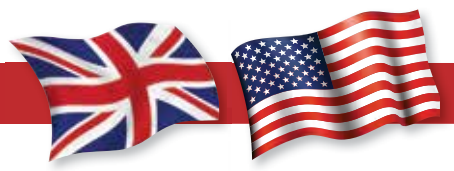


Kerf conveys Ezystak through growing pains

Dungannon-based conveyor manufacturer, Ezystak, which has enjoyed turnover growth of 300% in the past five years, has invested in a Kerf RUR 3000 CNC UltraSharp plasma cutting machine together with an RUR 3500 machine for profiling wider material sheets.

Prior to the Kerf purchases Ezystak was using subcontractors to supply the profiles it required. However, the company was witnessing indifferent performance from its suppliers, ranging from lengthy lead times, sometimes dubious quality and increased costs.

"We wanted to eliminate bottlenecks created by suppliers delivering parts to excessive lead-times as this was putting pressure on other departments in our business," explains managing director Seamus McGrath. "We also wanted to reduce production costs as we were spending upwards of £12,000 per week on subcontract cutting. We eventually selected the Kerf RUR machines based on the build quality, the cut quality achieved with the UltraSharp plasma unit, the reputation of the supplier and the availability of local support in Northern Ireland."

Ezystak has witnessed a multitude of benefits, including a significant cost reduction in producing its parts. Furthermore, from a lead-time perspective, the company specified the RUR machines with a 10m bed, so it could cut 5 x 3 m sheets on one end of the bed while loading or unloading another sheet at the other end. This pendulum loading system increases the output from the machine by up to 70%.

"We are delighted with the two new machines – they are fast, efficient and cost effective to run from a consumable and power consumption perspective," concludes McGrath.

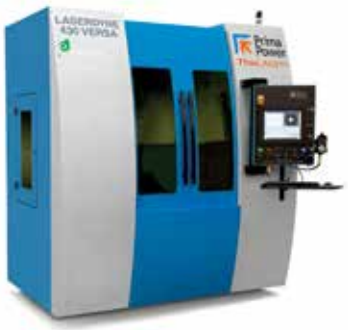
For further information
www.kerfdevelopments.com

Prima Power releases Laserdyne 430 Versa

Prima Power has introduced its Laserdyne 430 Versa 3D fibre laser system with third generation BeamDirector. Versa is designed for the typical laser processing needs of toolrooms, model shops and R&D centres. The system is said to provide an optimum balance of cost, flexibility and precision for laser cutting, welding, drilling, texturing and marking of a range of materials. Prima Power's 430 Versa also provides a cost effective path into volume production by making possible the full benefits of fibre laser processing with an effectively priced workstation.

The 430 Versa is equipped with an air-cooled 3 kW peak power fibre laser and the proprietary Laserdyne BeamDirector, which provides two axes of laser beam motion without part movement. Prima Power's 430 Versa also offers precision through the use of the same design and technology as Laserdyne systems used in aerospace and medical device production around the world.

Adding to the 430 Versa's flexibility are the features of the Laserdyne S94P control, with a full complement of standard hardware and software features. These include Automatic Focus Control



(AFC) for capacitive part sensing and, as an option, the patented Optical Focus Control (OFC) for sensing of non-conductive surfaces.

The 430 Versa also includes a range of standard focusing lens assemblies, including right angle assemblies for processing inside cylinders having diameters as small as 60 mm, and welding assemblies that shield the weld metal to prevent contamination and protect the focusing lens from spatter.

Both the capacitive and optical methods of focus control precisely guide the motion system, maintaining critical focus position and following the contour of the part, regardless of surface irregularities.

For further information
www.primapower.com

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Amada unveils 4 kW LCG3015 AJ fibre laser

The new Amada LCG3015 AJ 4 kW is a high speed, direct drive fibre laser cutting machine designed to speed up sheet metal manufacture. Originally launched in 2014 in 2 kW guise, over 35 units were sold in Europe in just 10 months. However, the new 4 kW model has an increased cutting capacity and can be 90% faster than a 2 kW fibre laser for some applications.

The cutting capacity on the LCG3015 AJ 4kW has increased to 22 mm mild steel, 18 mm stainless steel, 16 mm aluminium, 10 mm brass and 8 mm copper. According to Amada, the machine is especially adept in cutting thin materials at high speeds: its high torque helical rack and pinion direct drives create 170 m/min combined positioning speed. Automation is another focus area as it is equipped with an automatic nozzle changer as standard, although Amada can also offer a single pallet loader or a full multi-pallet tower system.

Amada says it is the only laser manufacturer to design, develop and build its own fibre laser oscillator, the AJ 4000, which features in this machine. The dedicated, small footprint oscillator is said to produce a high quality beam which allows high speed cutting of thin materials, as well as opening up thicker material processing applications.

The AMNC 3i NC control features a 21.5" HD touch screen, which allows for faster and easier operation. It also offers on-screen nesting capabilities, graphical program recall from network and production monitoring analysis.

Another of Amada's successes is the ENSIS AJ fibre laser, which can cut both thin and thick metals in an efficient and eco-friendly way with no need to manually change nozzles or lenses.

For further information
www.amada.co.uk

MBA introduces Kimla lasers to UK market

Yorkshire-based MBA Engineering is now the UK distributor for Kimla, the Polish manufacturer of CNC fibre laser cutters.

Established in 2009 to offer support to Bystronic laser users, MBA Engineering has succeeded in topping the Association of Industrial Laser Users' breakdown response satisfaction survey for the past three years.

Although new to the UK market, Kimla has over 16 years' experience in the design and production of laser and waterjet cutting machinery. Key features include: the IPG solid state laser source supported by IPG UK; Precitec Pro cutting heads designed specifically for fibre lasers; and the use of linear drives – which coupled with Kimla's control system is said to allow for rapid acceleration and cutting speeds while cutting down on maintenance and servicing requirements. Kimla also offers a tailored CADCAM and nesting package as standard.

MBA Engineering says that its partnership with Kimla will allow

customers to take advantage of the latest fibre laser technology at a competitive price, while benefitting from full support and service by MBA. Machine spares will be available from the company's offices in Wetherby at substantially reduced costs – MBA is also the only fully trained company in the UK with a clean room environment for head repairs and servicing.

New Kimla machines are already running in the UK at both subcontract and OEM users. The fibre lasers are available in configurations ranging from 3015 to 8020 format, while the OPG solid state laser source is offered from 2 kW to 8 kW. The machines come with a two-year warranty for parts and labour as standard.

For further information
www.mba-eng.co.uk

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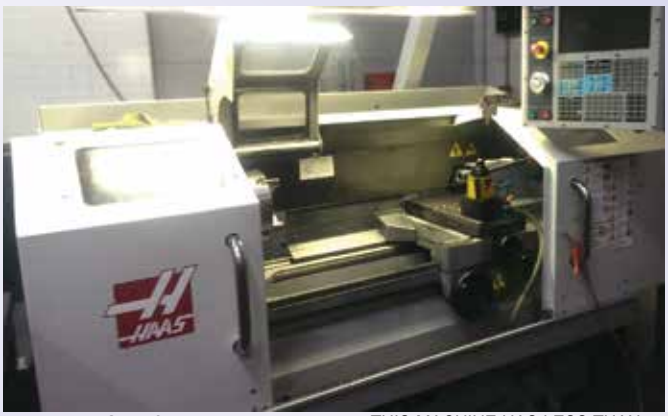

Specification

Swing over apron	406mm
Swing over cross slide	241mm
Distance between centres	762mm
Spindle speed	0-2,000rpm
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Spindle nose	A2-5
Spindle bore	59mm

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Bridgeport (2002) VMC 500 XP Vertical Machining Centre

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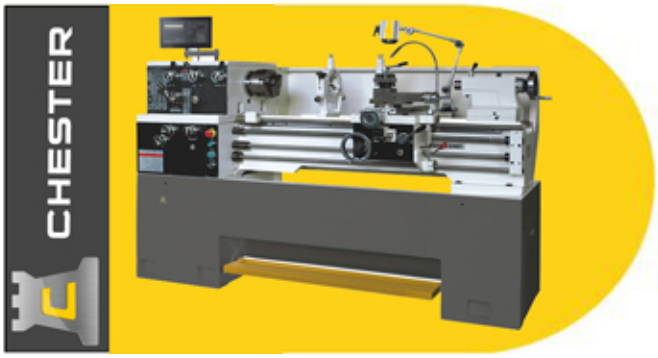

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- 198mm Max. Swing Over Slide
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- 750mm Between Centres
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- Coolant System
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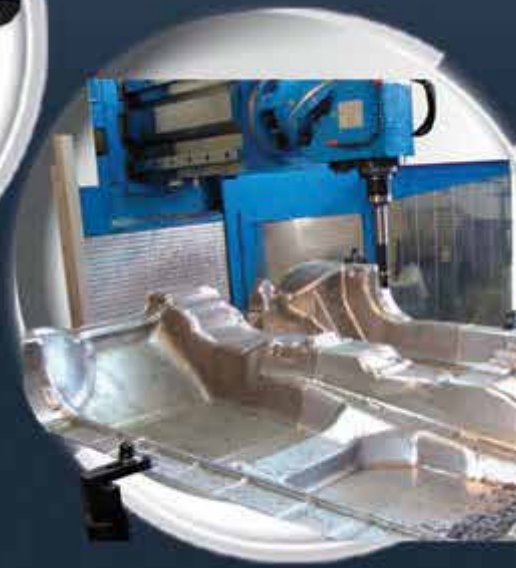

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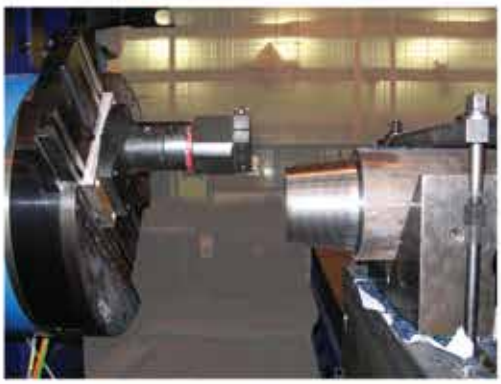

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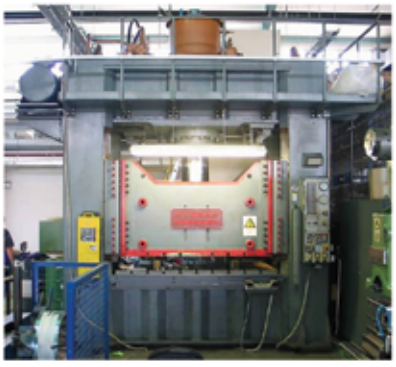

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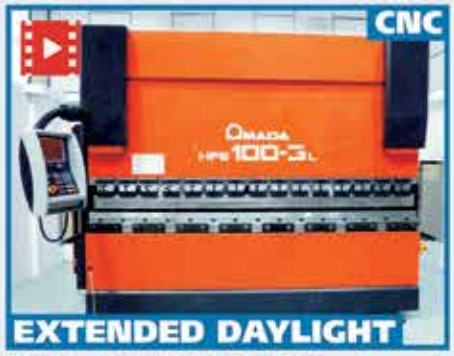

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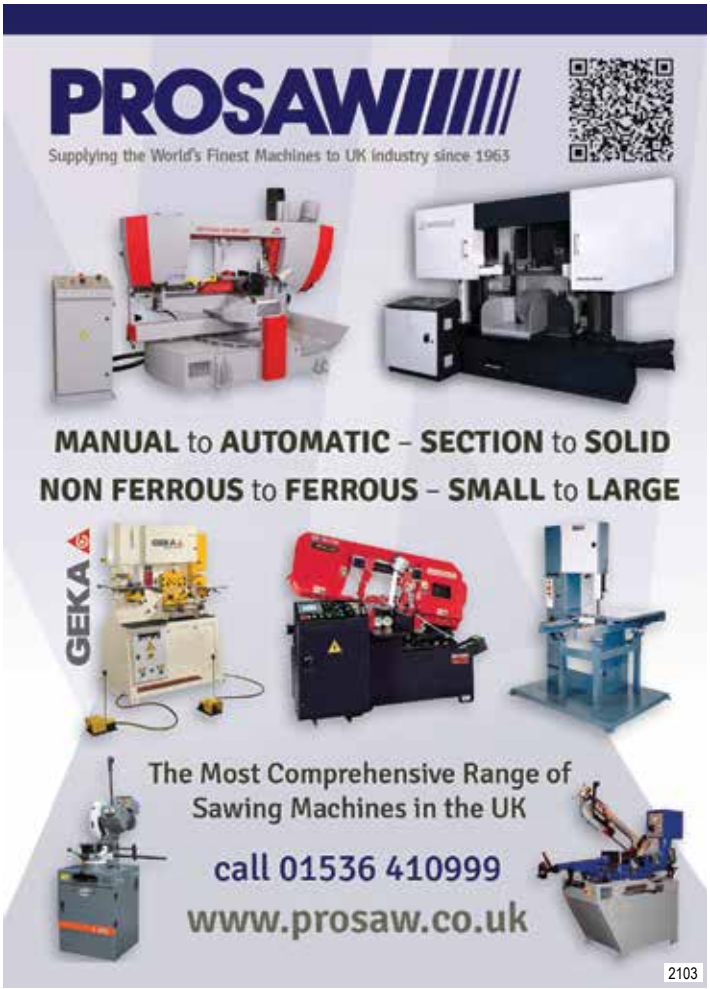

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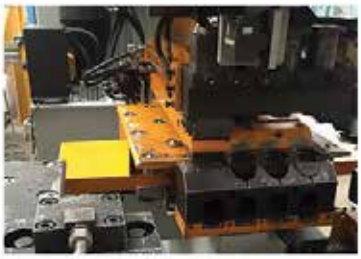
- x36 Station Marking Unit

Ficep P1104P – CNC Plate Punching System – Year 2007 *(STK-1339)*

- 110 Ton Punching Capacity
- 25mm Max Plate Thickness
- 3 Station Tool Magazine
- 46mm Maximum Punch Diameter
- 800mm Max Plate Width
- X Unlimited Length Plate



Ficep A152 – CNC Angle Processing Line – Year 2003 *(STK-1324)*

- 12m Angle – 150mm
- Upright Leg Punching
- Material Loading Device
- Marking Unit

Ficep Victory 11 – CNC Drilling Line – Year 2007 *(STK-1338)*

- 18m Section Capacity
- 980mm Section Height
- Single Spindle Drilling
- Hydraulic Hold-down units
- Drill Coolant System
- Quick Change Drill Spindle

Machine Ref.	Manufacturer	Model	Year	Description	Availability	Category
USSM-STK-1295	Ficep	903 DNB	1999	CNC Drill/Saw Line (18m/18m) Cross/Transfers	In-Stock	Beams/Sections
USSM-STK-1338	Ficep	Victory 11	2007	CNC Drilling Line (18m)	In-Stock	Beams/Sections
USSM-STK-1339	Ficep	P1104	2007	CNC Plate Punch/Drill Machine	In-Stock	Plates Punch/Drill
USSM-STK-1274	Ficep	P803A	2004	CNC Plate Punch/Drill Machine	In-Stock	Plates Punch
USSM-STK-1324	Ficep	A152	2003	CNC Angle Punch/Shear Line	In-Stock	Angle Sections
USSM-STK-1291	Ficep	1001 DX	2003	CNC Drilling Line (15m)	In-Stock	Beams/Sections
USSM-STK-1291	Ficep	PM 1000	1999	CNC Drilling Line (15m)	In-Stock	Beams/Sections
USSM-STK-1293	Ficep	Tipo D8	2004	CNC Plate/Angle Punch & Shear Line	Ex-Site	Plates/Angles
USSM-STK-1329	Gietart	GW 1500	2002	Section Blasting Line	Ex-Site	Beams/Sections
USSM-STK-1301	Kaltenbach	WBZ 1500	1999	CNC Plate Drill/Profile Machine	Ex-Site	Plates Drill/Profile
USSM-STK-1268	Ficep	1004 DZTT	2004	CNC Plasma/Gas Coping Line (18m)	Ex-Site	Beams/Sections
USSM-STK-1283	Ficep	1101 DZB	2005	CNC Drill/Saw Line (18m/16m)	Ex-Site	Beams/Sections
USSM-STK-1330	Ficep	1203 DB	2001	CNC Drill/Saw Line (18m/18m) Cross/Transfers	Ex-Site	Beams/Sections
USSM-STK-1355	Ficep	1003 DZB	2003	CNC Drill/Saw Line (22m/18m) Cross/Transfers	Ex-Site	Beams/Sections
USSM-STK-1356	Ficep	F504 / 8 PS (+Drill)	1999	CNC Plate/Angle Punch & Shear Line	Ex-Site	Plates/Angles
USSM-STK-1357	Geka	Alpha 500 / 150 MC	2013	CNC Plate Punch & Shear Line	Ex-Site	Plates Punch
USSM-STK-1358	Voortman	V630 / Sabi Saw	2003	CNC Drill/Saw Line (18m/18m) Cross/Transfers	Ex-Site	Beams/Sections
USSM-STK-1359	ESAB Suparex	SXE-HD4000	2013	12M X 3M - Hypertherm HPR 130 Plasma	Ex-Site	Plates / Profile
USSM-STK-1360	ESAB Combirex	DX-3500	2007	12M X 3M - Precision Plasmarc 20B.	Ex-Site	Plates / Profile
USSM-STK-1361	ESAB Suparex	SXE-P3500	2007	10M X 2.5M - Hypertherm HPR 260 Plasma	Ex-Site	Plates / Profile
USSM-STK-1362	Valmar	Side Loader	2007	Side Loader Fork Lift - 4.5T - 4.0M	Ex-Site	Material Handling
USSM-STK-1353	MMW	4013 / 4020 Shear	NEW	4M - 13MM or 20MM Shear	8 Weeks	Plates / Shearing
USSM-STK-1363	Ficep	Tipo B251	2008	CNC Plate Punch/Plasma/Drill Machine	Ex-Site	Plates Profiling

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- **Studer** ECO 650 CNC Cylindrical Grinder (2001)
- **Studer** Favorit S36 CNC Cylindrical Grinder with Fanuc 16T Control (1998)
- **Studer** Favorit S36 CNC Cylindrical Grinder
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- **Okamoto** CNC Surface Grinder
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- **Mazak** Integrex 300-III CNC Multi-Tasking Turning/Milling Centre with Maatrol 640MT Pro Control, 40-Position ATC, 1000mm between Centres & Hydrafeed MX-18 Multifeed Bar Feed (2005)
- **Mazak** Integrex 300-IIY CNC Multi-Tasking Turning/Milling Centre with Mazatrol PC Fusion CNC 640MT Control, 40-Postion ATC, 10,000rpm Spindle & 1500mm between Centres (2003)
- **Mazak** Super Quickturn 250MS CNC Turning Centre with Mazatrol PC Fusion CNC 640T Control, 12-Station Turret, (2) 4,000rpm Spindles & Hydrafeed MLIB Short Magazine Bar Feed (2006)
- **Mazak** Super Quickturn 10M CNC Turning Centre with Mazatrol T32-3 Control (1994)
- **Mazak** H400-N Twin Pallet Horizontal CNC Machining Centre with Mazatrol M-32 Control
- **Mazak** Quickturn 15SP CNC Turning Centre with Fanuc Control
- **Mazak** Quickturn 15 CNC Turning Centre with Mazatrol CAMT-2 Control
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- **Star** SV-32J II 400 'Swiss Type' CNC Automatic Lathe with Fanuc 18i-TB Control (2004)
- **Star** SR-32J 670 'Swiss Type' CNC Automatic Lathe with Fanuc 18i-TB Control (2011)
- **Star** SR-20J C OEO 'Swiss Type' CNC Automatic Lathe with Fanuc 18i-TB Control (2010)
- **Star** SV-20 420 'Swiss Type' CNC Automatic Lathe with Fanuc 16-T Control (1998)
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- **Okuma** Howa Model ACT-5L CNC Slant Bed Lathe with Fanuc System 6T Control
- **Grindmaster** Model MB600 Belt Grinder
- **(3) Esab** Asea Robot Cells with Esab Asea Robots
- **Kemppi** RA450-Amp Mig Welder with FU30 Boom Mounted Wire Feed Unit
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→ Visit : Monday, 8 February from 14.30-17.30 pm and Tuesday, 9 February from 9.00-11.00.

→ Removal after payment : **Small operational equipment** : Thursday, 11 and Friday, 12 February, from 9.00-12.00 and 14.00-18.00 - **Production equipment :** Monday, 15 February to Friday, 19 February, from 9.00-12.00 and 14.00-18:00. **Lots 352/365/366/367/368/369/371/372** : Monday, 15 February to Friday, 19 February, from 9.00-12.00 and 14.00-18:00 and upon appointment. Removal deadline : Friday, 4 March.

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Register no later than 10 working days before the auction at www.moniteurlive.com

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→ Please contact sroux@anaf.com for any further information about payment and bidding
→ For more information please contact Eric VIGNIER + 33 6 70 805 291

Complete inventory on www.anaf.com

ONLINE AUCTION

BAE SYSTEMS:

RANGE OF CNC & CONVENTIONAL MACHINE TOOLS, PRESSES AND INSPECTION EQUIPMENT

SALE CLOSING:
Tuesday 12th January 2016

LOCATIONS:
Barthomley, Cheshire & Balderstone, Lancashire, UK

INSPECTION:
By appointment only

FEATURING:

- Cincinatti Milacron 'Maximill T2' 2 Spindle 5 Axis 6/T Profiler
- Waterbury Farrel Textron 'PC115' Multi Draw Transfer Presses (2 Off)
- Webster & Bennett 48" Boring Mills (2 Off)
- National Machinery 'No 5' Cold Headers (Qty 2)
- Mec Wash 'Midi400' Parts Washer & Dryer(2005)
- Asquith 'ODI Mk 2 14/54' Radial Arm Drill
- Fritz Werner '8505' Downstroke Press
- Walther Trowal/USF Aqueous Wash & Rumbler
- Inspection Equipment by Reichert, Rockwell & Vickers

To view and bid on the lots, visit: **http://www.go-dove.com/en/events?cmd=details&event=561119**

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PRIVATE TREATY SALE

HIGH QUALITY MACHINE TOOLS SURPLUS TO PRODUCTION OF A GLOBAL AUTOMOTIVE SUPPLIER IN JAPAN

Gildemeister CNC Lathe & Niigata CNC Horizontal Machining Centres

SALE CLOSING: Thursday, 21st January 2016
LOCATION: Tsuchiura, Japan

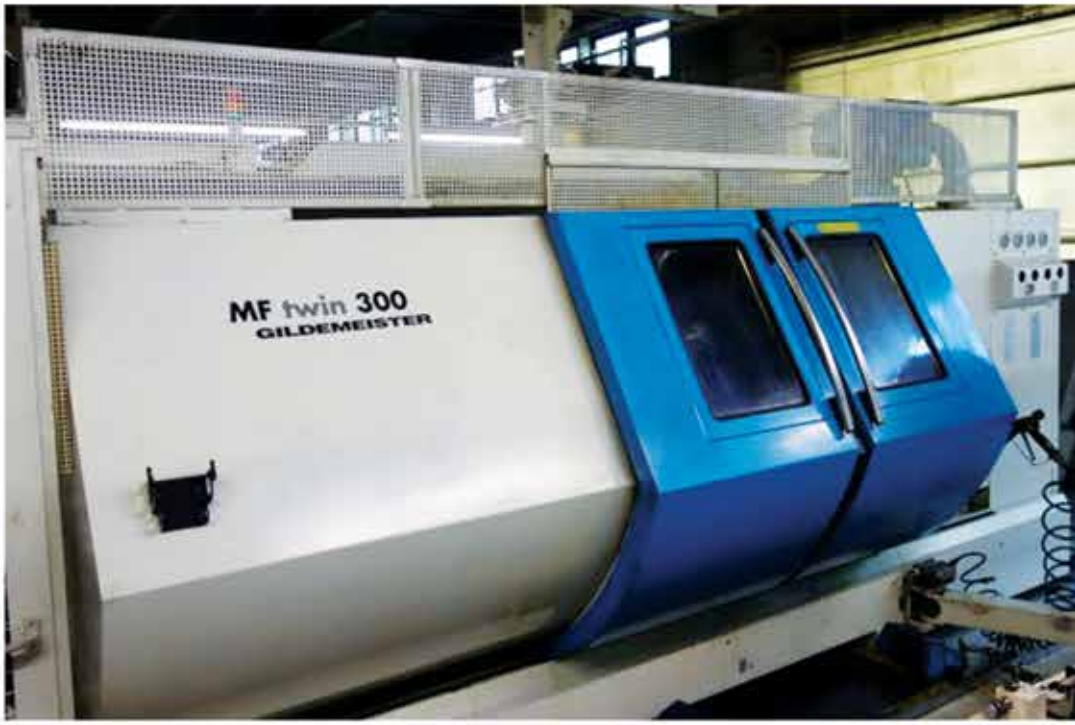
FEATURING:

CNC Lathe

- Gildemeister 'MF-Twin 300' CNC Lathe with Fanuc '16-T' CNC Control (2004)

Horizontal CNC Machining Centres

- Niigata 'HN50C' CNC Horizontal Machining Centres with 'Fanuc 15MB' CNC Control - 8 machines in 2 FMS Lines – Available individually or in lines (1998 & 1997)



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Online Auction Of Machine Tools And Workshop Equipment

Taunton Aerospace Ltd, Items No Longer Required In Their Ongoing Business

Sale Closes: From 14:00 20th January 2016
Location: Taunton, U.K.

- Mori Seiki SL-15 CNC Lathe
- Bridgeport Interact CNC Mill
- Colchester Master 3250 & Triumph 2000 Lathes
- Ajax AJT Turret Mill
- Jones & Shipman 1300 Cylindrical Grinder
- Guyson Euroblast Shot Blast System
- Meddings Drills
- Inspection Equipment
- Tooling
- Fork Lift Truck
- Ovens
- General Engineering Equipment

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Upcoming January Online Auctions

Sale Closes: Throughout January 2016
Location: Oldbury, West Midlands

Lots Available In January Include

- Genie Z-45/25 Cherry Pickers (Qty 2)
- 2013 Citroen Berlingo Van
- Hurco BMC 30HT VMC
- Sandretto 485 Ton Injection Moulder
- Union BFT80 Horizontal Borer
- Colchester Student, Triumph & Master Lathes
- Jones & Shipman 1300, 1400 AR Grinders
- Gate, KRV, Prvomajska & Lillian Milling Machines
- Gate & Richmond Radial Drills
- Sykes V 10A Gear Generator
- Meddings Drills
- Power Tools

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Online Auction Date: Thursday 21st January 2016 – 3pm GMT.
Viewing Dates: Appointment only Call us for more details: 02476 992205 info@1stmachineryauctions.com

Tongtai OVM-1100 VMC (2014)

Citcom L32 CNC Sliding Head Lathe (2001) with Barfeed

Citcom L5 20 CNC Sliding Head Lathe (1999)

Hitachi Seiki Hit 20 CNC Lathe

Devlieg V4/6F VMC Fanuc Control Twin Pallet with 4th Axis

Rambaudi Versamill

Genie Cherry Picker Z45X25J DC

Mazak Impulse 30H VMC

- Nilfisk BR1100S Ride on floor cleaner (2010) complete with charger and manuals
- Hyster 8 Ton Forklift
- Matsuura MC-500V with 4th Axis
- Guyson Shotbast Unit with Extration
- Speroni STP 34 Tool Presetter
- 3 Zone Gas Catalytic Tunnel Oven 2009
- Agiecut D100 EDM Machine
- Eaton Leonard CNC Tube Bender
- Jones & Shipman 1050 Cylinderical Grinder
- Jones & Shipman 1076 Cylinderical Grinder
- Press Mecatome T355 Automatic Cutting Machine
- NORFINISH Large Rumbler Parts Cleaner Deburrer
- ThermoJet 3D Printer (1999)
- Speedy Grind Brieley Tool & Cutter Grinder
- Progress Drill
- Compair Compressor
- Sigmascope 750 Shawdowgraph with Quadra-Chek 200 Display
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- Johannson CMM
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TRUMPF L2530
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4metre x 2metre cutting bed. 6 years ago fully refurbished by Bystronic. Serviced every 6 months. With rotary axis for cutting tube.

LVD HELIUS laser
2513 2kw / 2000watt
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BYSTRONIC BYSTAR 4020
Year 2004. 4kw.
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