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Tos Varnsdorf names GCC agent

Czech machine tool specialist TOS Varnsdorf has signed a contract that gives Dugard Middle East Machine Tools exclusive sales and service rights in the GCC (Gulf Co-operation Council) region. "We have been successfully working with Dugard in the UK for many years and therefore decided to co-operate with its subsidiary, Dugard Middle East Machine Tools, in the GCC area," says Miloš Holakovský, commercial director at TOS Varnsdorf. "Dugard is very experienced with regard to the sales and service of TOS Varnsdorf machines, and we have recently trained six further Dugard service engineers at our headquarters. The company meets all of our requirements for professional knowledge and skills, which is why we have signed a contract for exclusive distribution and services in the GCC region."

Despite enjoying a fantastic 2015, TOS Varnsdorf says that this year could be even better. In the Middle East specifically, the company has identified markets that include the UAE, Kuwait and Qatar as target areas. Here, TOS Varnsdorf is hoping that recent introductions will appeal to local manufacturers – last year the company launched four new models: the table-type WHQ13 horizontal borer/mill with ram and quill; the WRD13 light floor borer; the WRD180/200 hydrostatic floor-type horizontal borer/mill; and the WHtec 130 machining centre.

For further information www.dugard.com

Mollart wins eastern Europe order

Following the success of Mollart Engineering's initial installation of a turnkey project around a BTA deep hole, drilling machine at an eastern European aerospace contractor for producing a series of deep and blind holes in a range of aircraft actuation devices, the company has now ordered a second, identical machine worth in excess of £380,000. The first Mollart HDI-1500 BTA is producing a series of blind and through-holes between 20 and 47 mm diameter in preheat-treated stainless steel bar where holes can be up to 1200 mm deep. Geometric tolerances are within 0.2 mm for straightness, 0.05 mm TIR for concentricity and 0.025 mm for roundness.

For further information www.mollart.com

Infrabel installs forging press

Belgium's railway network infrastructure company, Infrabel, has invested in a new forging press for its Bascoup workshop in Chapelle-lez-Herlaimont. Each year, the workshop produces approximately 220 railroad switches for the Belgian railway network. As a result, a recent investment drive has seen Infrabel invest in a new triple-sided hydraulic forging press from Bliss-Bret, a Kingsland sister company.

The forging press will be set to work forming parts that are heated up to 1200°C. To deliver a production tool tailored to the needs of Infrabel, Bliss-Bret developed the press in close collaboration with engineers at the Bascoup workshop. The machine offers 1500 kN slide capacity at maximum pressure, along with 200 kN injection and ejection force. The press is also equipped with the latest systems to ensure the safety and health of users, such as light curtains, aspiration and filtration systems, equipment for loading and unloading tools, and a safety PLC.

For further information www.kingsland.com

Sales award for Allswage

Allswage UK, the English, Welsh and Irish distributor for Resato high pressure test systems, pumps, fittings and ancillaries, has been commended by the Resato factory for its performance in 2015. Nick West, managing director of Allswage UK, was presented with the award in recognition of exceptional sales by Resato area sales manager, Sander Vroling, at the Autosport Engineering Show last month. "We have invested heavily in stock, time and training with Resato over the past few years and this has all come together in 2015," says West. "With sales in Resato products exceeding £800,000, 2015 proved to be a great year."

For further information www.allswageuk.co.uk

MTA supports REME charity

The Manufacturing Technologies Association's (MTA) annual dinner, held for the first time at the Vox on the NEC site, Birmingham, attracted over 400 guests. The evening also had a charitable aspect which saw £14,707 raised in donations for the MTA president's charity, REME (www.reme-association.org.uk). Guests at the dinner participated in an auction, bidding on a range of prizes from a Caribbean cruise to a tandem parachute jump supplied by REME, and a host of other lots to help raise the impressive total

For further information www.mta.org.uk

Team WNT set for bigger challenges

Tooling and workholding specialist, WNT, is once again lending its support to the Team WNT Elite Women's Cycle Team as it prepares for its second season racing in the Matrix Fitness GP and the British Women's National Road Series, along with invitations to European races. The major target for 2016, however, will be the Tour Series where Team WNT will be targeting the overall win.

Title sponsor WNT, which as a company is passionate about cycling, is also extending its support to UK cycling by becoming an 'Official Partner' of the Tour Series. In addition, the team will continue to be supported by Hope Technology, a WNT customer that provides products such as the Carbon 45 wheels with custom team finish and graphics, along with customised Hope hubs, for the Specialized S-Works bikes that the team will be riding again in 2016.

For further information www.wnt.com

Cleanroom opens

A specialist manufacturer of springs and wire components, William Hughes Ltd, has opened a cleanroom at its headquarters in Stalbridge, Dorset. The 80 m² cleanroom – said to be the only one of its type in the UK – is rated at Class 7 in accordance with ISO 14644-1 and comes on the back of the company's acquisition of AC Services in 2015. It is planned that the new facility, which comprises both solvent- and aqueous-based cleaning capabilities, will provide outsourced cleaning requirements to the aerospace, hydraulics industries, defence, nuclear, medical, electronics and oil and gas sectors.

For further information www.wmhughes.co.uk

Datron top 30 in 'ideas list'

In an independent study called 'Germany's 50 richest idea SMEs', machine tool builder Datron AG reached position 30. The consulting firm Munich Strategy Group (MSG) analysed 3300 German companies from different areas. Datron's CEO, Dr. Arne Brüsch, says: "Innovative capacity is on everyone's lips. Frequently, however, the term appears in the context of advertising messages and is usually justified merely by the launch of a new product. How to measure the innovative capacity of a company often remains intangible. We are delighted that our innovative strength has been recognised at a technological level."

For further information www.datron.de

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AUCTION SPOTLIGHT

● Hilco Global is hosting an online auction of sheet metal machinery used previously by Lighting and Ceiling Louvres Ltd, South Woodham Ferrers, UK. Lots include: an Amada 255 27 turret punch press; two Amada Pega 244 20 tonne turret punch presses; Amada Promecam HFB 100-30 and 80-25 press brakes; two Dimeco 400 mm press lines; two Dimeco 300 mm press lines; a BHP 300 mm press line; and two Acorn 300 mm stamp lines. Preview is on 23 February (10:00-16:00) by appointment. Auction closes on 25 February from 13:00.
+44 (0)8453 130140 www.hilcoind.com

● Peaker Pattinson is holding an online auction of machines used formerly by various aerospace and engineering companies. Lots include: a Kitamura MyCenter 2 CNC VMC; a Beaver TC10 CNC turning centre; a Lambert 7500 CNC fine pitch gear hobber; a Voumard 200CNC ZXUBT4 CNC internal grinder; an Ajax 64R14 radial arm drill; a Herminghausen SR2G centreless grinder; and two Bridgeport turret mills. Viewing is on 23 February by appointment. Bidding ends on 25 February.
+44 (0)1778 590111 www.ppauctions.com

● Gordon Brothers is conducting an online auction of machines used previously by Universal Engineering Ltd, Llantrisant, UK. Lots include: a Ficep 36 HD gantry automated CNC drilling, milling and thermal cutting machine (2014); a Starrag Heckert Classic CWK500 twin-pallet CNC HMC; a Colchester Combi K4 CNC lathe; a Mazak QuickTurn Nexus 250 MSY CNC turning centre; a Hurco VM1 CNC VMC; and a Butler Elgamill DR12 VA bed mill/borer. Viewing is on 25 February (09:30-16:00). Bids close on 1 March from 15:00.
+44 (0)121 213 6280
www.gordonbrotherseurope.com

● 1st Machinery is conducting an online auction of machines used formerly by NWP Engineering, Totton, UK. Lots include: a Hartford HB3150A four-axis vertical machining centre; a Correa CF22/25 CNC bed type mill; a Mazak Super QuickTurn 250M; a Dugard Eagle 1300 vertical machining centre; a Quaser 204IIE three-axis CNC mill; a Dugard Eagle 1000 vertical machining centre; a Mazak Super QuickTurn 10; a BS-300HAS saw; and an Eagle surface grinder. Viewing is by appointment. Auction date is 3 March at 15:00.
+44 (0)2476 992205
www.1stmachineryauctions.com

● Cottrill & Co is staging an online auction of machines located at Habu Technology, Finland. Lots include: a Mazak Integrex 400III CNC turn-mill centre; an Okuma LU400 M Simul Turn CNC turning centre; a Mazak PFH-5800 twin-pallet CNC horizontal machining centre; a Mazak VTC800/30SR CNC vertical machining centre; and an Okuma LB45IIM heavy-duty three-axis CNC lathe. Viewing is by appointment only. Bidding ends on 10 March at 15:00.
+44 (0)121 328 2424 www.cottandco.com

UPCOMING FEATURES

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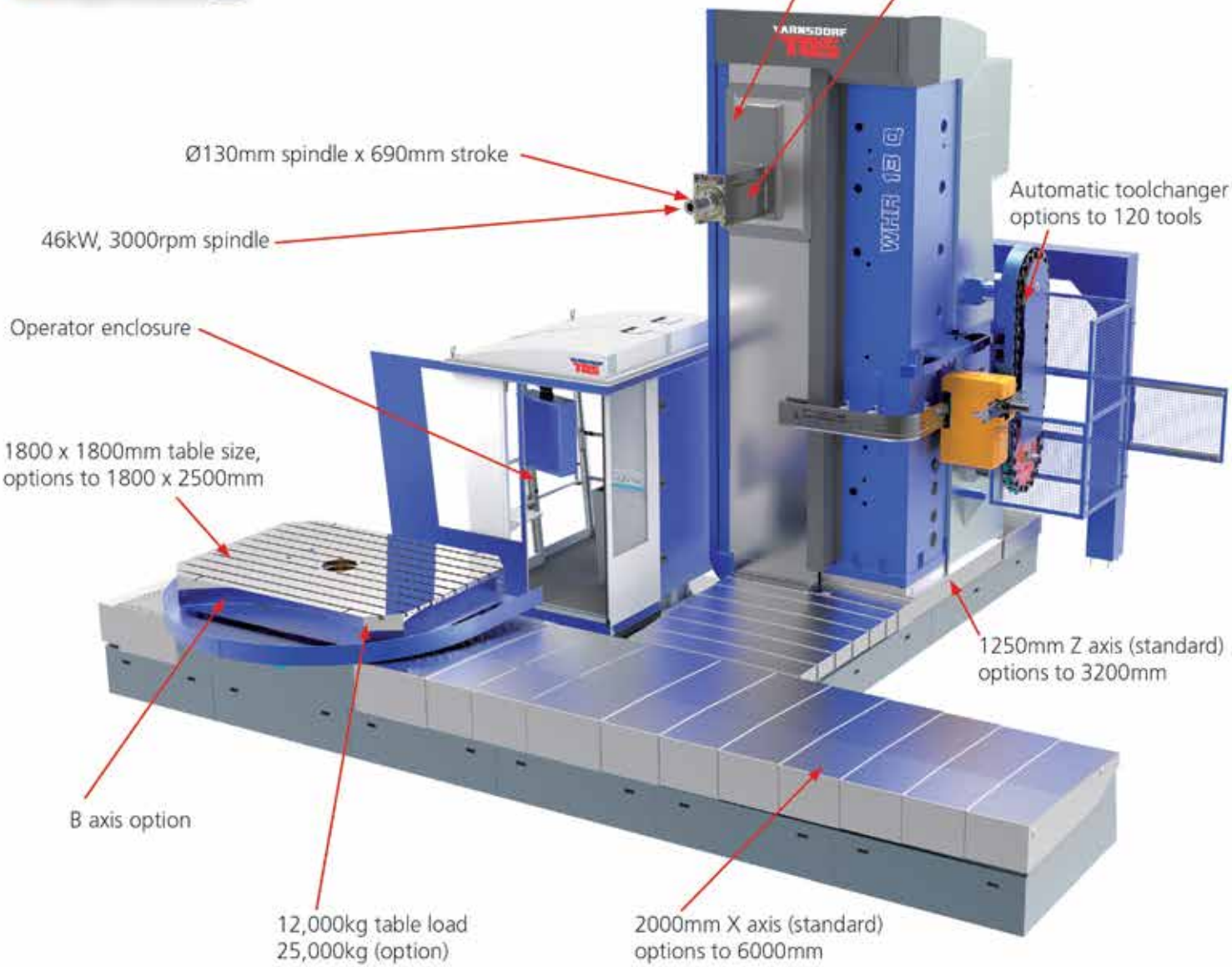

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Sodick wire EDM reduces cycle times by 57%

Leighton Buzzard-based Anotronic, a subcontractor specialising in multi-axis CNC milling, turning and EDM/ECM, has installed the latest Sodick AG600LH Premium from Sodi-Tech EDM. Replacing two Sodick machines that had worked hard for the past 20 years, the latest AG600LH Premium is allowing Anotronic to make notable savings in cycle times, from 14 hours to 6 hours in the case of cutting dies for the food industry, for instance – a 57% reduction.

The aim of sourcing a new EDM was to find a machine capable of processing tall, submerged workpieces.

"We could process up to 270 mm in height using our existing EDMs, but occasionally we get asked to produce taller work, which we would end up subcontracting, thus reducing the profit margin," says managing director Martin White. "However, when Sodick said that its AG600LH could cut up to 500 mm submerged, we knew it was the machine for us."

The Sodick AG600LH Premium is only the second in the UK, the other being located in Scotland, and its capability to cut workpieces fully submerged is a real asset to Anotronic. According to White, it provides better cutting conditions and less spray water (high pressure pumps are used) along with enhanced temperature control.

"Another huge benefit we find with using Sodi-Tech EDM is that they do not release a machine ready for production until it can deliver the specified cutting times," he adds. "As a result, when we quote for a job based on the time given by the machine, we know it's correct. This is vital when you are quoting for jobs that might involve 60 hour cycle times – we could lose a lot of money if the estimate turns out to be inaccurate."

For further information
www.sodi-techedm.co.uk

HK launches MV2400-SZ+ EDM series

The latest Mitsubishi MV2400-SZ+, which is capable of submerged cutting up to 425 mm deep with full support of automatic threading, is now available in the UK from HK Technologies.

Included in the latest enhancements is an annealing length of over 350 mm that makes this system capable of threading the maximum workpiece height and provides a realistic opportunity for the customer to thread through the gap. This is aimed at end users that may need to recover broken wire.

The MV2400-SZ+ also features a new, non-contact cylindrical drive system, as well as the M700 series Windows-based control with 15" touch-screen.

From an operational cost perspective, the machine introduces Mitsubishi's new V350-V AEII Power Supply DMX-S (Digital Matrix Sensor) that shapes each spark to reduce electrode wear, thus reducing consumable costs and power consumption.

With regard to productivity, the MV2400-SZ+ is said to

introduce the world's first linear shaft drive system XY (UV-Z axes use ballscrews), which delivers smooth, controllable movements aimed at enhancing precision levels. According to Mitsubishi, the new technology also requires less electricity. Coupled with this, the MV2400-SZ+ has an 'all fibre optic' servo-control that permits internal communication which is said to be four times faster than conventional systems.

End users have the capacity to process components up to 1050 x 820 x 420 mm on a table that measures 840 x 640 mm. This is complemented by the submersion of components weighing up to 1500 kg.

For further information
www.hktechnologies.com

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MAZAK INTEGREX E-800V/5, New 2008, Vertical 5 axis CNC lathe and machining center, Mazatrol Matrix CNC, Max machining dia 730mm, Max workpiece 730mm x 1000mm, 4 pallets, 12000rpm **£poa**

COLCHESTER COMBI 6000 CNC lathe, New 2007, Fanuc 210i, 800mm dia 4 jaw chuck, 120mm bore, speeds to 1000rpm, gap bed, 930mm max dia swing, 2000mm between centres **£poa**

HARRISON ALPHA 1400XS, New 2006, Fanuc 21i TB, 54mm sp bore, speeds to 2700rpm, QCTP, steadies, tooling, coolant, 400mm swing, 1250mm between centres **£13,950**

MIKRON UMC900 5 axis universal CNC milling machine, Heidenhain 426, hori / vertical spindles, probe, 5 axis, 630mm diameter table, 8000 cutting hours, ISO 40, speeds to 6300rpm, X=630 Y=900 Z=500mm **£poa**

HITACHI SEIKI HT20 SII CNC lathe, New 1991, C axis, live tools, tailstock, Yasnac CNC, 51mm bar cap, speeds to 5000rpm, swarf con, 210 x 380mm capacity **£7,950**

WEBSTER AND BENNETT 72 EH vertical borer, Elevating rail, 72in diameter table, 84in max swing, table speeds to 83rpm, 5 station turret, max height under rail 48in **£poa**

WEBSTER BENNETT 48IN V Type vertical borer, Fixed rail, pendant control, New 1981, 1219mm diameter table, 1499mm swing, 889mm under the turret, table speeds to 140rpm **£poa**

DMG MORI SEIKI CTX 510 ECOLINE CNC lathe, New 2012 C axis, live milling, 315mm power chuck, swarf conveyor, well tooled, speeds to 3250rpm, 465 x 1050mm capacity, 800 hours **£poa**

MORI SEIKI HITECH CS250Y, New 2003, 5 axis, live tooling, C axis, Y axis, Ewab loading and unloading, swarf con, tooling, well tooled, Seicos 21L, 250 x 150mm capacity **£36,500**

ERMAKSAN HGD 3100 x 16 sheet metal guillotine, New 2003, front supports, squaring, power backgauge, blade adj, rake adj, 3100 x 16mm capacity **£poa**

ELGA HYDRASHEAR 612 hydraulic guillotine, Squaring arm, front supports, blade gap adj, power back gauge, finger guards, Hydraulic, 2050 x 13mm capacity **£5,950**

SERTOM 3002 4R hydraulic bending rolls, 4 roll double pinch, mobile control with 2 LED read outs, 250mm dia top and bottom rolls, 3050 x 10mm capacity **£18,950**

MG EH216C CNC 4 roll bending rolls, New 2002, CNC controlled, cone rolling, hydraulic drop end, top roll dia 270mm, double pinch, pre bend 14mm, 2050 x 16mm capacity **£poa**

EDWARDS PEARSON RT4 330 x 4100 CNC press brake, Cybelec DNC 90 Colour 3D CNC, tooling, light guards, 265mm stroke, 3750mm between frames, 330tons x 4100mm capacity **£poa**

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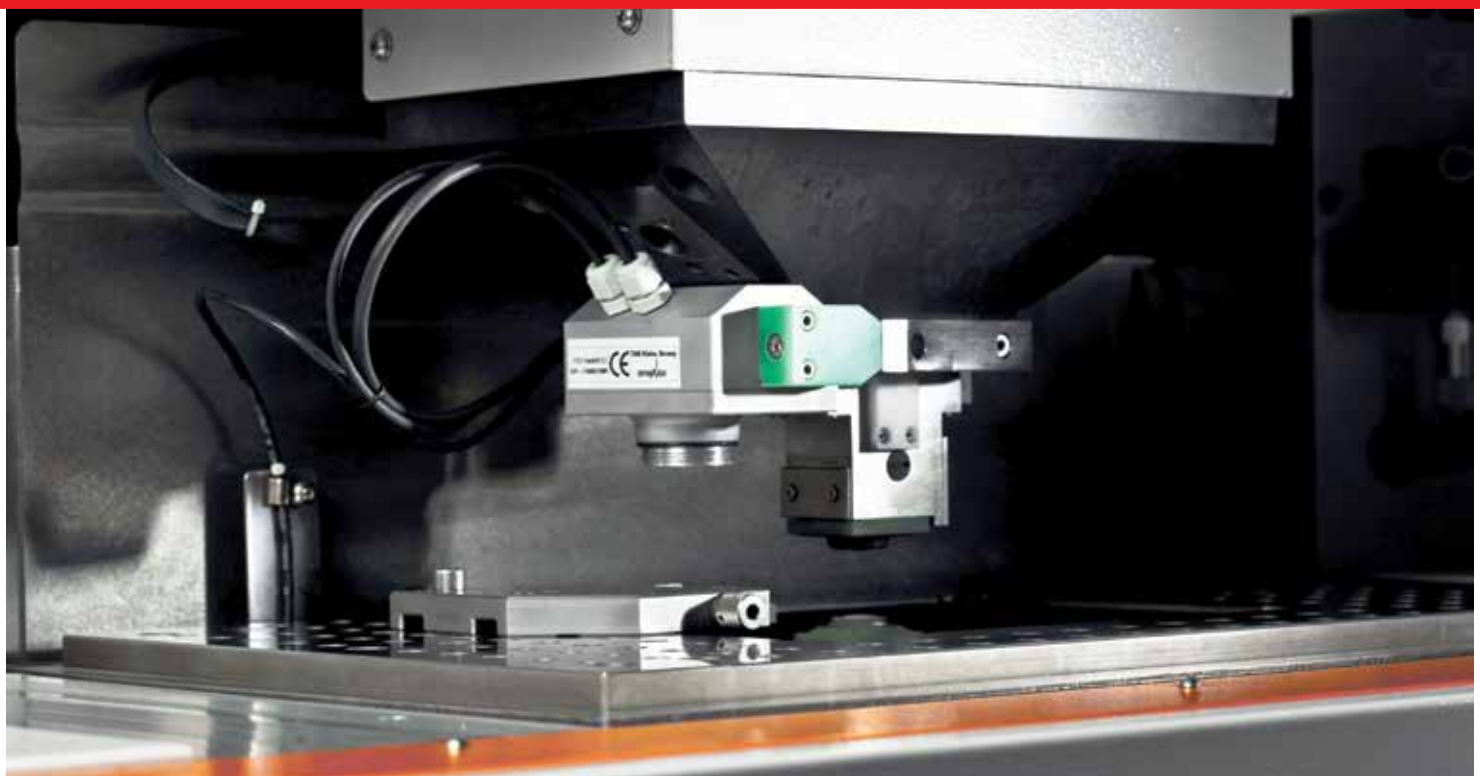

IVU Advance, a camera that never lies

GF Machining Solutions has introduced its second generation Integrated Vision Unit (IVU Advance), an optical-based measurement system for wire EDM micro-machining applications. When integrated with a wire EDM machine, the IVU system is said to help overcome the limitations and cost issues of on-machine part location.

The system locates part edges and scans contours with a CCD camera featuring a light-sensitive pixel array. By comparing an image of the part (after machining) while it's still in the machine with the original CAD file, the IVU can identify any small deviations and correct the tool-path automatically to ensure that all subsequent parts are produced correctly. This provides manufacturers with productivity improvements and negates the need to remove components from the machine to measure them on a separate CMM.

The CCD camera is available with either 56x or 156x magnification and employs two light sources – an incidental source at the camera lens, and a backlight source to enhance contrast. The system converts the light intensity value for each pixel into an electronic signal with a corresponding value for each pixel.

With its larger field of view, the 56x magnification camera is appropriate for measuring larger parts, while the 156x magnification provides the detail and accuracy for measuring micron-scale parts. Typical users of the system, such as manufacturers in the micro-stamping industry and medical devices sector will be more likely to select the higher magnification camera.

For further information
www.gfms.com

Steady UK growth for E.KO ioniser units

Since the introduction of E.KO Ioniser units from EasyMetal into the UK by Makrep EDM Solutions, the company reports steady growth, with the first customers to install the German-built systems "already seeing some great results".

For instance, Steve Rudge the managing director of Gloucester-based EDCM Precision Wire Erosion Ltd, says: "We installed the E.KO Ioniser on all five of our wire EDM machines. In fact, we also installed the EasyRo and EasyBott, which lets us top up our machines easily with deionised water.

"Early indications suggest that a significant amount of time will be saved on not having to change conventional canisters, while the machine downtime associated with that process will be reduced along with a huge improvement on the way we now deal with waste resin," he adds.

"Something that in the wire erosion business is a real chore has now turned into a clean, tidy, efficient and one-less-thing-to-worry-about situation. No mess, no fuss, no worries; I am very pleased with my investment."

Makrep EDM Solutions has recently installed more E.KO Ioniser units, two at Anglian Precision in Newmarket, which is reported to be impressed with the cost savings as well as the low environmental impact, and another at Melksham-based Premier Form Tools, which specialises in machining carbide so opted for the E.KO Ioniser 1502 as it is designed specifically for this type of material.

The E.KO Ioniser is a 'plug and play' unit that replaces resin systems and therefore not only saves on the cost of additives and the disposal of hazardous waste, but also reduces scrap and waste due to its high water quality.

For further information
www.makrep-edm.solutions

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TEK4 to showcase aero engine production

At the forthcoming MACH 2016 exhibition in Birmingham, TEK4 will be making its show debut with a world-first as the company introduces its TEK4 5G FHD, a fast-hole drill EDM specifically for industrial turbine production.

Established in 2002, TEK4 is doubling the size of its Leicester premises in 2016 to incorporate a showroom and research centre, as well as increased production capability. The company specialises in EDM machines for fast-hole drilling, combined EDM and laser machines for hole drilling and ceramic coating ablation, along with ECM for STEM drilling deep cooling holes in gas turbine components.

The new TEK4 5G FHD machine on the stand will incorporate six-axis simultaneous machining, probing and pre-breakthrough and breakthrough tool detection. These features enable companies to avoid the risk of back-wall impingement.

The EDM generator works in combination with the TEK4 developed software, while the machine has an optional electrode guide changer and electrode changer that enables unmanned operations.

The TEK4 5G FHD offers X-, Y- and Z-axis capacity of 700 x 300 x 400 mm with 360° rotation in the A-axis (±180°) and 360° continuous rotation in the C-axis. Also featured is a 415 mm drill stroke and a maximum workpiece weight of 20 kg. This enables the machine to process holes from 0.25 to 10 mm diameter, up to 200 mm deep.

For further information
www.tek4.co.uk

ECM without stray machining attack

Manufacturers and quality professionals requiring high precision components such as automotive fuel systems and powertrains are under constant pressure to deliver the utmost quality, efficiently. Consequently, Kennametal Precision Surface Solutions has launched its Extrude Hone Evo, the next generation of electrochemical machining (ECM) solutions featuring proprietary generator technology delivering from 3 to 100 kW power depending on machine configuration. Additionally, Evo delivers electrochemical machining without stray machining attack to help enhance surface finish.

ECM is used in contouring, radiusing, polishing, deburring and flow-tuning applications. Essentially, it is a subtractive method that works on the principle of anodic metal dissolution. Each part to be machined requires a negative cathode for selective material removal on the positive workpiece, with the cutting speed equal to the DC current applied to the part.

The lack of contact between the tool and the workpiece is important. An electrolyte solution (NaCl or NaNO3 in water or glycol

base) handles charge transfer in the working gap. The resulting electron current releases metal ions from the workpiece, while the amount of material removed is defined by Faraday´s Law (equivalent to current multiplied by cycle time). Using the electrolyte, the removed material is flushed out of the gap as a hydroxide. This must be captured by an adequate filter system to maintain constant electrolyte conditions. There will be a constant gap, resulting in proper tooling and cathode life, while the shape of the tool cathode determines the shape of the material removal.

Extrude Hone Evo is available in various standard layouts: single or dual cell, or even in multi-cell configurations.

For further information
www.kennametal.com

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A&M installs UK's largest Sodick wire EDM

Smethwick-based engineering company, A&M EDM, is continuing its expansion programme with investment in the largest Sodick wire erosion EDM in the UK. This will enable the company to handle even larger workpieces and support its continued growth. Turnover has increased by 16% in the past 12 months, accompanied by a 10% increase in staff numbers.

The new development comes less than a year after A&M EDM opened a second facility adjacent to its existing premises in the West Midlands and purchased nine new CNC machining centres.

As well as the Sodick wire erosion EDM, new equipment includes two Hurco machining centres and a mobile open laser welder which can be taken offsite to carry out in-situ repairs on equipment that cannot be moved. A large CMM with a capacity of 1.2 x 3.0 x 10 m featuring both touch and scanning probes enables A&M EDM to provide quality assurance on its largest workpieces as well as to offer large-scale metrology services to other engineering companies in the area.

The company has increased the capacity of its cylindrical grinding service by adding two new machines and setting up a dedicated area for this service at its Park Rose facility. The final change has been to take a precision engineering approach to fabrication, with staff designing and building a laser welding table with predefined angles which enables them to work to tolerances of around 0.3 mm.

"By offering this extended capacity and what I believe is a unique combination of CNC and hand machining, we can meet manufacturers' demands for tight turnaround times on everything from prototypes and one-off pieces to small production runs and press tools," says managing director Mark Wingfield.

For further information
www.amedm.co.uk

Latest EDM lines to be exhibited

CNC International will give a UK show debut to the Accutex AL600 CNC wire EDM at the forthcoming MACH exhibition in Birmingham. With a linear-shaft motor drive and a closed loop control to eradicate backlash, the new AL Series comprises five machines, from the smallest AL400SA to the largest AL750. The series will be represented at MACH by the AL600SA, which has a maximum workpiece weight of 550 kg, an X, Y and Z stroke of 600 x 400 x 300 mm and a UV stroke of 100 x 100 mm. In addition, the AL600SA has a maximum water level in the tank of 300 mm and a water system capacity of 900 litres.

The AL600SA incorporates a rapid servo-response unit that is designed to enhance the sensitivity of the discharge gap control to improve production times by upwards of 10%. The rapid servo-response unit also prevents the wire from breaking to reduce downtime, while also increasing the processing speed, says CNC International. In addition,

the Accutex AL600 series to be shown at MACH will feature a high resolution signal processor that is said to deliver smoother velocity control than alternate machines. The result is improved stability of positional control to enhance contouring accuracy, with a resolution narrowed down to 0.2 µm.

Working in conjunction with this is the Accutex Corner Pro system, which is designed to optimise data such as wire thickness, cutting data, angle and workpiece thickness. According to CNC International, with this feature, small and continuous corners can be processed with high precision.

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CINCINNATI U5
Rail Type Universal Machining Center, With Acramatic 2100 Cnc Controls, 66.9'' X 432'' Work Area, Cat 50 Taper, 45-Position Tool Changer, Spindle Speeds 40-6000 Rpm, 19.7'' Max Tool Length, Rapid Traverse, X/Y 0-590/787 IPM, Z-787 IPM. Date of Manufacture: 2002.

Voortman V320C
CNC 2-Head Plasma Cutting Drilling Thermal Cutting Unit, With HPR260HD Hyptherm Hyperformance Power Supply, Min/Max Plate Length 20''-20', Min/Max Plate Width 8''-80'', Min/Max Plate Thickness 1/4''-3'', Plasma Cutting Max Thickness 64mm, 10-Position Automatic Tool Changer, Approximately 120' Long X 80'' Wide Powered Roller Conveyor, Donaldson Torit Dust Collector. Date of Manufacture: 2012.

IMAC HP 750/40 CNP
CNC Punching Machine. 44-Ton Capacity 4" Max Punch Dia., 29.20 Throat Depth, Speed 250 SPM, Including Imac CNC Windows Control, 4-Station Multi Tool, Assorted Tooling. Date of Manufacture: 2003.

MAG-BOEHRINGER FTV-850/3700
CNC Vertical Machining Center, with travels: X-3700mm, Y-815mm, Z-800mm, Spindle Gauge Line To Work Surface Min. 120mm / Max 900mm, Cat 50 Taper, 36-Position Tool Changer, Spindle Speeds 0-5000 rpm, Siemens Sinumerik 840DE CNC Controls. Date of Manufacture: 2011.

MORI SEIKI NL3000/2000
2-Axis CNC Lathe. Maximum Turning Diameter: 16.5". Standard Turning Diameter: 12.2". Maximum Turning Length: 83.6". Bar Work Capacity: 3.50". X-Axis Travel: 11". Z-Axis Travel: 85.4". Spindle Speed Range: 3,000 RPM. Spindle Nose: A2-8. Through Spindle Hole Diameter: 4.10". Spindle Bearing Inner Diameter: 6.30". Date of Manufacture: 2007.

GIDDINGS & LEWIS HMC290
CNC Horizontal Machining Center, With Dual 3.94" x 31.51 Pallets With Automatic Pallet Changer, Travels: X-55.12", Y-49.21, Z-47.24", 6000 rpm, 100-Position Automatic Tool Changer, 360,000-Position Rotary Table With B-Axis Contouring, Chip Conveyor. Date of Manufacture: 2001.

GIDDINGS & LEWIS MC60 6"
4-Axis CNC Horizontal Boring Mill, Travels: Y-83", X-120", Z-36", W-60", B Axis Pallet Rotation 360,000, Spindle Taper #50 ANSI, 60" x 84" Pallet Size, 30-HP Spindle Motor, Giddings & Lewis 8000B CNC Controls, 60-Station Automatic Tool Changer, (2) Pallet Shuttle System, AC Servo Drives On All Axis , Built Int Rotary Table Collet Type Draw Bar. Date of Manufacture: 1989.

AMADA RG-250
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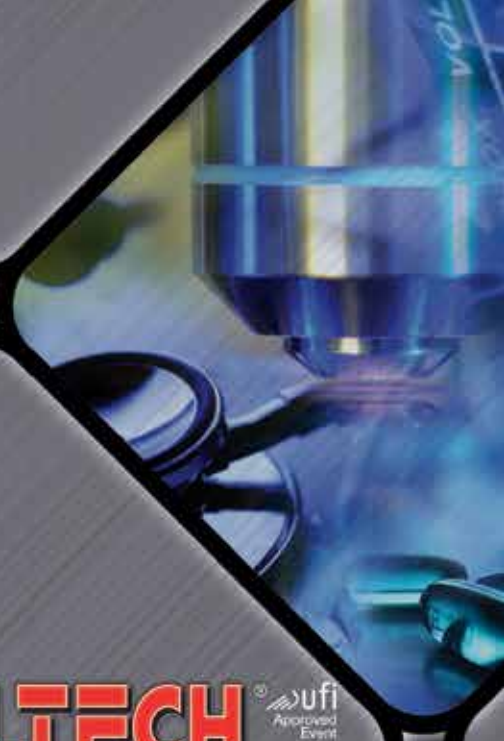

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Mazatrol T Plus control

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Mazatrol 640 T control

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HARRISON Alpha 330T CNC Lathe with GE Fanuc Control. Year 2004. Swing over bed 330mm. Swing over cross slide 210mm. Distance between centres 1000mm. Spindle speeds 0-3500 rpm. Main motor 7.5 kW. Spindle capacity 40mm. GE Fanuc Quick Panel Control. Fitted with 3 jaw chuck. Quick change toolpost with toolholders.

GURUTZPE A -1600 CNC Oil Country Lathe with 360mm dia. Spindle Bore, Twin Chucks & Fagor 8055 Control. Year 2008. Centre height 610 mm. Swing over bed 1,200 mm. Swing over cross slide 800 mm. Distance between centres 3,000 mm. Spindle speeds 0 – 480 rpm. Spindle bore 360 mm. Spindle nose A-20.

SWIFT 21D Heavy Duty CNC Lathe with Fanuc Oi-TD Control. Overhauled & retrofitted 2012. Swing over bed 42" 1066mm. Swing over saddle 30.5" 774mm. Maximum distance between centres 192" 4876mm. Maximum weight between centres (unsupported) 12 tons. Chuck dia. 41.5" 1054mm. Main spindle dia. 9" 228mm.

DUGARD ECO 1000 Vertical Machining Centre with Fanuc 0i-MD Control. Year 2012. Table size 1300mm x 600mm. X/Y/Z travels. 1000mm/600mm/600mm. Spindle motor 11/15kW. Spindle speeds to 8,000 rpm. Spindle taper BT40. Thro' spindle coolant. Footprint 5230mm x 3295mm. Weight 5,000 kgs.

HURCO TM8i CNC Lathe with Hydrafeed MV65 Barfeed. MAX CNC Control. Year 2013. Max. cutting diameter 256 mm. Max. cutting length 458 mm. Chuck diameter 203 mm. Bar Capacity 52mm. X-Axis 203 mm. Z-Axis 508mm. Feeds X/Z 19/24 mm. Spindle-motor 16 kW. Torque 180 Nm. Spindle speed 0-4800 rpm. 12 station turret VDI30. Toolchange time 0.5 seconds. Machine complete with Swarf conveyor.

HYUNDAI Wia L230LMSA Slant Bed CNC Lathe with C Axis & Driven Tooling. Fanuc 32i. Year 2014. Main spindle. Chuck dia. 210mm. Maximum swing 551mm. Turning dia. 309mm. Turning length 520mm. Spindle bore 77.97mm. Bar capacity 66mm. Main spindle 4,000 rpm. Main spindle nose A2-6. 20HP. Sub spindle nose A2-5. Spindle bore 53mm. 5,000 rpm. 7.4HP. 12 Station turret (12 rotary/12 turning).

MAZAK Nexus Quick Turn 100 with Mazatrol 640 Fusion Control. Year 2005. Swing over bed 548mm. Swing over cross slide 279mm. Max turning length 307mm. Max turning dia. 279mm. Spindle speeds to 6000rpm. Spindle bore 60.9mm. Bar capacity. 41.27mm. 12 station turret. Complete with collet chuck.Parts catcher. Toolsetter. Swarf conveyor. Hydrafeed Multifeed MX-1B Barfeed.

HAAS VF4 Vertical Machining Centre with 4th Axis Attachment. Year 2001. Table size: 1321mm x 457mm. X Axis travel 1270mm. Y Axis travel 508mm. Z Axis travel 737mm. Max table load 1588 kg. Spindle BT 40. Automatic tool changer 20 tools stations. Spindle speeds 8100rpm. Programmable 4 Axis attachment.

HAAS TM-3CE CNC Vertical Machining Centre with 4th Axis Attachment. Year 2008. Table size 1467mm x 368mm. X Axis travel 1016mm. Y Axis travel 508mm. Z Axis travel 406mm. Max table load 454 kgs. Spindle BT 40. Manual tool change. Spindle speeds 4000 rpm. Programmable 4 Axis attachment.

SORALUCE TR-D25 CNC Bed Milling Machine with Heidenhain 530 Control. Year 2002. Bed size 2860mm x 1000mm. Vertical travel (Y Axis) 1400mm. Longitudinal travel (X axis) 2500mm. Transversal travel (RAM Z Axis) 1000mm. Automatic Universal Head with 2.5 degree indexing. Spindle Taper SK50. Spindle speeds 0 – 3000 rpm. Table loading 2.500kgs/m². Machine fitted with programmable 4th axis attachment & tailstock.

WEILER E90 CNC Oil Country Lathe with Ejector Drilling System. Siemens 840D Control. Year 2006. Swing over bed 900mm. Swing over cross slide 530mm. Distance between centres 4500mm. Twin Chuck dia 700mm. Spindle bore 262mm. Spindle speeds 0-500 rpm. 4 Station automatic hydraulic tool post. Fixed steady 40 – 300mm. Tailstock quill dia. 90mm. Upgraded coolant tank for ejector drilling.

HAAS Super Mini Mill Vertical Machining Centre. Year 2002. Table Size: 914 x 305mm. X/Y/Z travels 406 x 305 x 254mm. Spindle Speeds 6000 rpm. 10 station toolchanger. Spindle Taper BT40. Spindle Motor Power 5.5kW. BT40. Description: Coolant, Interlocked guards, Low Volt Light. Manuals.

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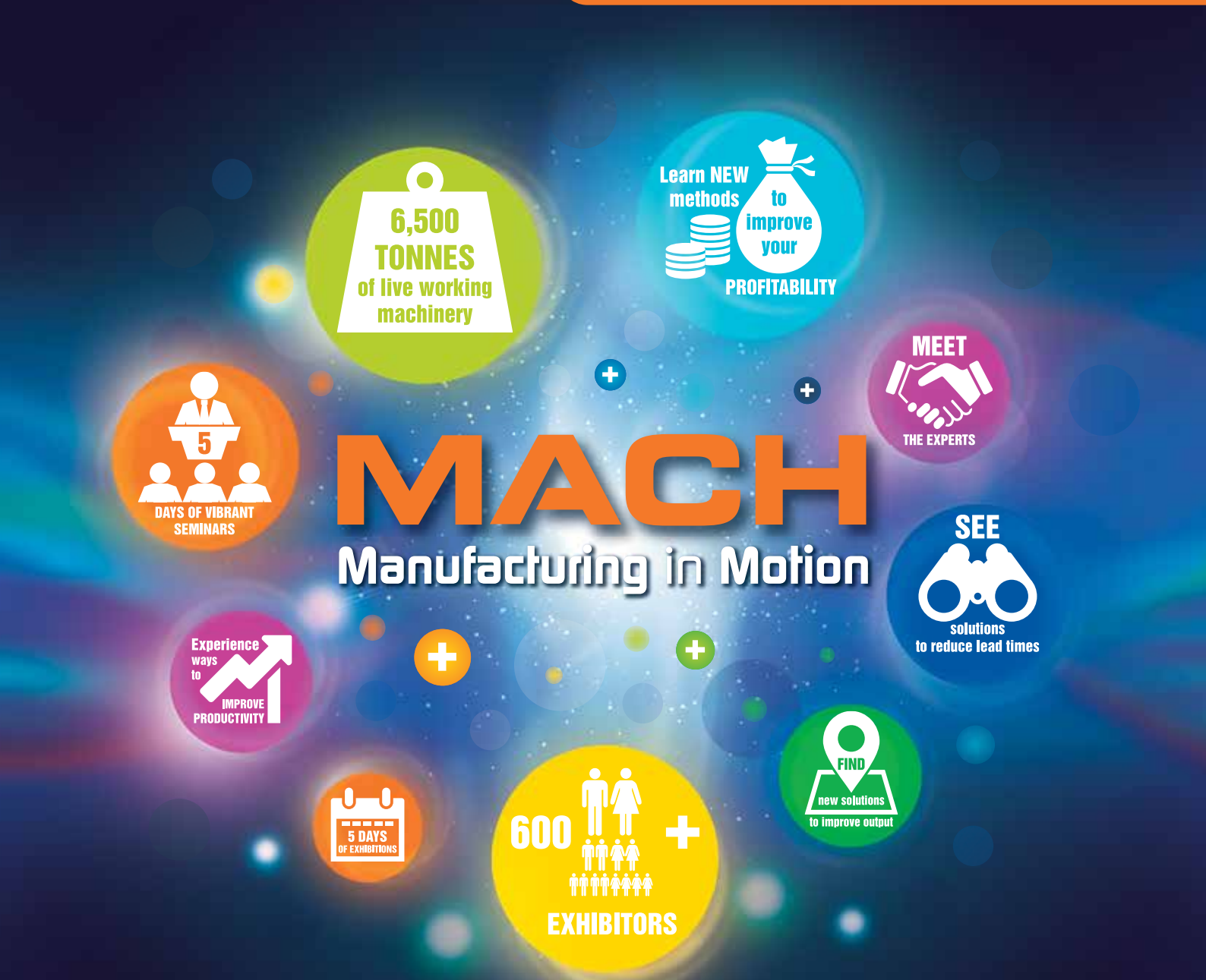

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AMADA VIPROS 358 KINGII 33 Ton Turret Punch W/Fanuc 18P CNC Control. Mfg: 1999.
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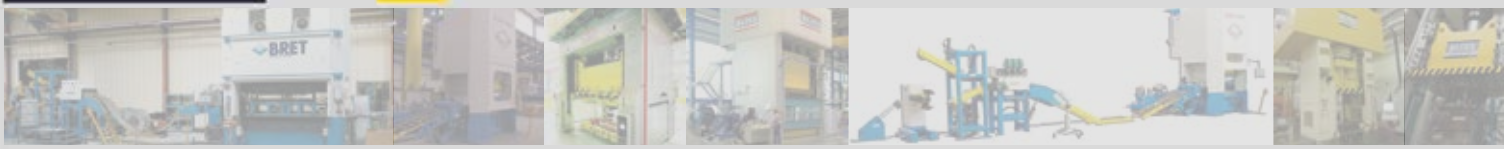

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Our standard range of mechanical blanking presses has been optimised and improved for more more than 20 years. At customer's demand, we adapt the technical characteristics.

The PCK PACK range offers capacities from 800kN up to 6300kN. These presses are single or double point driven and they have a C-or H-frame.

All the presses of this range have the following characteristics:

- Variable stroke with motorised adjustment.
- Adjustable speed
- Motorised ram height adjustment
- Hydraulic overload safety-device

Applications: Straightening of cold and hot steel plates

- **Range:** up to 30 000 kN
- **Frame type1:** Vertical with movable gantry
- **Frame type2:** Vertical straight side presses with product handling
- **Pressdrive:** Hydraulic servo-drive

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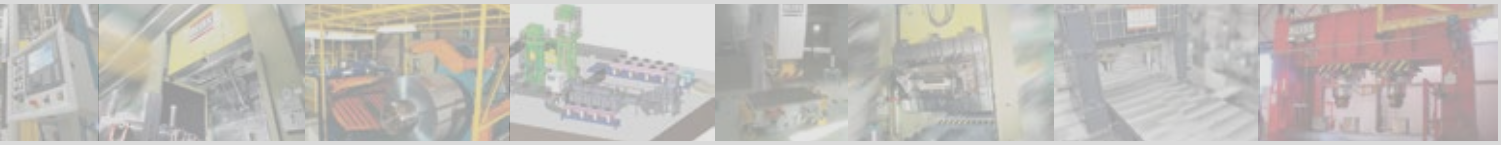

Hydraulic blanking/drawing presses

Hydraulic production presses for blanking and drawing operations are more flexible then their mechanical colleagues.

Very quick, they become multifunctional in order to respond to wide variety in forming technology. BLISS-BRET hydraulic blanking/drawing presses offer an advantageous price/performance ratio.

Damping system

For blanking and cutting operations, our hydraulic presses are equipped with heavy hydraulic shock-absorbers. The damping is stroke independent and the pressure relief is fully controlled.

Besides, our impact dampers offer mechanical stroke limitation.

Drawing cushion system

The cushions are installed in the inferior press-part, or in the slide, either with heavy column guides or with 8-way flat guides. The cushion pressure is controlled and can be programmed in function of the press-stroke.

On customer demand, we offer the possibility to build up the cushion pressure before impact.

Y-OUT presses all capacities d dimensions

was a French company a few years has become a European enterprise eering and mounting de-partment in production department in Slovakia. d wide customer sized s for a large esses and dustries.

Decoiling and recoiling lines, Normatic

Normatic has developed a wide range of decoiling line equipment. This enables us to offer “turnkey” production lines. Based on our experience we also supply individual machines such as decoilers, straighteners, feeders, shearing units, etc.

The products we offer suit the needs of the most demanding users. Our lines are installed in the workshops of European automobile and steel industries.

The press feed lines cover a wide range of dimensions and stripmaterial.

The standard range covers strip widths from 200 mm up to 800 mm and thicknesses from 0,4 to 6 mm. At customer’s demand, we develop decoiling lines for stripwidths up to 1400 mm.

The diversity of materials to be straightened is a major consideration in the design of our equipment. Systems are produced for decoiling materials from aluminium (or any other low-elastic-limit material) to very high-elastic-limit steel.

Our press feed line equipment is conformed to the current European regulations.

Each machine or set of machines forming a production line, is fitted with guards providing safety protection for personal. The design of the peripheral guards is studied with the customer to maintain the highest level of productivity and ergonomics.

A classic Normatic line is composed out of:

- Decoiler, with simple or double mandrel
- Strip introduction module with different hydraulic movements
- Straightener
- Loop-pit and its equipment
- A hydraulic table for strip introduction
- Electronic roll-feeder

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Stock-No. 1050-153065B – Stanzautomat-Doppelständer **Cattaneo SC2-630-3200-1500** Year of manufacture 1998

Stock-No. 1050-153059V
Einständer-ziehpresse - Hydraulisch
DUNKES HEZ 63 (UVV)
Year of manufacture 1986

Stock-No. 1050-123129
Einständer-ziehpresse - Hydraulisch
MUELLER CLZ 100.1.28 (UVV)
Year of manufacture 1988

Stock-No. 1050-153052V – Stanzautomat-Doppelständer **KAISER KSTU 3150 - 20 P** Year of manufacture 1995

Stock-No. 1050-123130
Doppelständer-presse - Hydraulisch
MUELLER ZEO 100-10.3.1 (UVV)
Year of manufacture 1987

Stock-No. 1050-123002
Doppelständer-ziehpresse - Hydraulisch
OEVERMANN & NIEDRINGHAUS DPS 160 (CE)
Year of manufacture 1996

Stock-No. 1050-153072B – Kniehebelpresse - Doppelständer **SCHULER KB 2-1000** Year of manufacture 1990

Stock-No. 1050-143033
Doppelständer-ziehpresse - Hydraulisch
HYDRAP HPDZB 1000
Year of manufacture 1990

Stock-No. 1050-153060V
Doppelständer-presse - Hydraulisch
WEMHÖNER 300K 300 SO (UVV)
Year of manufacture 1988

Stock-No. 1050-153049V
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Lathes

Leadwell LTC-50-BL

CNC Lathe - Cap: Ø900 x 2100 mm
Spindlebore: 117 mm - 1500 rpm
Fanuc - 22/30kW on spindle - 12 tools

Arlo Ø 660 x 1500 mm

Lathe - Spindlebore: 105 mm
7,5 kW on spindle - dig readout
16 > 1600 rpm - with accessories

Victor Vturn-36 Ø670 x 1500mm

CNC Lathe - Spindlebore: 105 mm
42 kW on spindle - Fanuc OTC
9 > 2000 rpm - hydr steady

Labor 255 Ø 515 x 1000mm

Lathe - Spindlebore: 88 mm
10 pk on spindle - dig readout
16 > 1500 rpm - with accessories

Index G200 + barfeeder

CNC Lathe - Turningdia: 400 mm
Spindlebore: 60mm - 6000rpm - 29kW on spindle
Siemens Sinumerik - 2x 14 driven tools

Chevalier Ø 460 x 1000 mm CNC

Teach-in Lathe - Spindlebore: 58 mm
7,5 pk on spindle - Fagor
40 > 2000 rpm - 11 tools

Fat Tur 630MN Ø630 x 2000 mm

CNC Lathe - Spindlebore: 105 mm
18,5 kW on spindle - 2 > 2500 rpm
Siemens Sinumerik 810D

Mazak QTN 200-II MS + barfeeder

CNC Lathe - Turningdia: 380 mm
Spindlebore: 65 mm - 5000 rpm
Matrix Nexus - 12 tools

Geminis Ø 1300 x 2000 mm

Lathe - Spindlebore: 102 mm
30 kW on spindle - dig readout
Over cross-slide: 900 mm - 2,8 > 560 rpm

Tos Sui 50 Ø 500 x 1500mm

Lathe - Spindlebore: 80 mm
7,5 kW on spindle - 14 > 2240 rpm
Over cross-slide: 320 mm

Colchester Mastif VS 1800

Lathe - Cap: Ø 560 x 2000 mm
Spindlebore: 90 mm - 11 kW on spindle
18 > 1800 rpm - dig readout

J&W GH62100Z Ø1060 x 3000 mm

Lathe - Spindlebore: 105 mm
11 kW on spindle - 14 > 750 rpm
dig readout

Tos Su63 Ø 655 x 3500 mm CNC

Teach in Lathe - Spindlebore: 82 mm
22 kW on spindle - Heidenhain
Over cross-slide: 380 mm - 5 > 1400 rpm

Gildemeister CTX 420 Linear

Over cross-slide: 680 mm - Spindlebore: 65 mm
35kW on spindle - Fanuc - spindle1: 5000rpm
spindle2: 7000 rpm - 12 driven tools - barfeeder

Yu Shine VL-1600ATC Ø 2100 x 1350 mm CNC

Vertical Lathe - Chuckdia: 1600 mm - 45 kW op spindle
X: 1675 mm - Y: 800 mm - Z: 900 mm - max workpieceheight: 1350 mm
12 BT50 tools - Fanuc Oi - 2 > 256 rpm

Mazak QTN 350M Ø750 x 1173 mm

CNC Lathe - Spindlebore: 112 mm
30kW on spindle - Mazatrol - 12 tools
33 > 3300 rpm - barfeeder optional

Ecoca EL6120E Ø 610 x 2000 mm

Teach in Lathe - Spindlebore: 105 mm
Fanuc control - 33 > 1600 rpm
CNC toolchanger

Milling machines

Correa A16

CNC Bedmilling - X:1800 - Y:800 - Z:800mm
Table: 2000 x 630mm - ISO 50
15hp on spindle - Heidenhain

Tos FGS 63

Univ milling - X:1120 - Y:630 - Z:500mm
Table: 1400 x 630mm - ISO 50 - 15 kW
on spindle - Heidenhain - 1800 rpm

OMV/Parpas HS 316

Bedmilling - X:1600 - Y:1000 - Z:800mm
Table: 2600 x 1000mm - ISO30/40 - 15kW
on spindle - 5 axes simultaneous

Mazak VTC20B

Bedmilling - X:1120 - Y:510 - Z:510mm
Table: 1460 x 510mm - ISO 40 - 11kW
on spindle - 7000 rpm - Mazatrol M+

Deckel Maho DMU50e

Univ freesbank - X:500 - Y:420 - Z:380mm
Tafel: Ø500 x 380mm - SK40 - 35kW op
spindle - Heidenhain Milliplus iT - 32 tools

Huron EXC 20

Univ freesbank - X:1600 - Y:700 - Z:800mm
Tafel: 1850 x 700mm - HSK63 - 25kW op
spindle - Siemens 840D - 32 tools

Mazak VTC 820/30

Bedmilling with movable column - X:3000 - Y:820 - Z:720mm - ISO 40 - 22kW on spindle
Table: 3500 x 820mm - Mazatrol Matrix Nexus - 12 000 rpm - high pressure cooling
through spindle (15 bar) - B-as: +- 110° - toolmeasuringsystem

YCM Supermax VMC 135A

Bedmilling - X:1350 - Y:700 - Z:700mm
Table: 1700 x 650mm - ISO 50 - 15kW on
spindle - Fanuc - 4000 rpm - 30 tools

Correa A25/30

Bedmilling - X:3000 - Y:1000 - Z:1200mm
Table: 3500 x 1000mm - ISO 50 - 25 hp on
spindle - Heidenhain - 2000 rpm

Rotox SFA 255

Drilling & milling - X: 3500 - Y: 1200 -
Z: 400 mm - SK30 - 18 000 rpm - 2,2kW
on spindle - 6 tools

Schüco Droop & Rein PBZ

Drilling & milling 5 axes - X: 8500 -
Y: 600 - Z: 650mm - BT30 - 24 000 rpm
Siemens - 12 tools

Emmegi Comet Isola

Drilling & milling 4 axes - X: 6300 -
Y: 525 mm - Z:335mm - HSK40E - 5,5kW
on spindle - 24 000 rpm - 8+1 tools

Mecof CS 105A

Bedmilling - X:3300 - Y:1000 - Z:1700 mm
Table: 5000 x 1060mm - ISO 50 - 24kW
on spindle - Heidenhain TNC 530

CME BF-01

Bedmilling - X:1100 - Y:600 - Z:630mm
Table: 1200 x 530mm - BT40 - 8000 rpm
Fanuc - 30 tools - chipconveyor

CME BF-01

Bedmilling - X:1800 - Y:700 - Z:600mm
Table: 1800 x 600mm - ISO 50 - 30hp on
spindle - 3000 rpm - Heidenhain

Fom Ares 30 CNC

Bedmilling - X:1200 - Y:1800 - Z:900mm
ISO 30 - 12 000 rpm - Arescam CNC
3 sided machining: -90° / 0° / +90°

SHW UF 4

Bedmilling - X:3000 - Y:1250 - Z:1400mm
Table: 2000 x 1200mm - ISO 50
Heidenhain TNC124

Machiningcentres, Grinders & Borers

Baron-Max VM30

X: 1700 - Y: 850 - Z: 700mm - BT40
15kW on spindle - 10 000 rpm
Table: 1800 x 760mm - 20 tools

Eumach MC-1300P

X: 1350 - Y: 610 - Z: 610mm - BT50
11,5 kW on spindle - 4000 rpm
Table: 1500 x 700 mm - 20 tools

DMG Deckel Maho DMC 100V

X: 1000 - Y: 800 - Z: 500mm - SK40
15 kW on spindle - 15 000 rpm
Table: 1250 x 800 mm - 30 tools

Hartford VMC1020

X: 1020 - Y: 510 - Z: 510 mm - ISO 40
9000 rpm - Table: 1200 x 470 mm
Mitsubishi/Fanuc - cooling through spindle

Ima Quadroform C100/300

drilling & milling for wood/alu/pvc
X: 4000 - Y: 1300mm - HSK 63 - 7,5 kW
on spindle - 9 tools - 18 000 rpm

Cincinnati VMC 500

X: 510 - Y: 510 - Z: 510mm - ISO 40
Table: 700 x 520 mm - 3,7 kW on spindle
Arcamatic - 21 tools - 6000 rpm

Maho MH 500C

X: 500 - Y: 400 - Z: 300mm - ISO 40
4000 rpm - Table: 300 x 275 mm
Philips Maho 432

Mazak , FJV 35/120

X: 3000 - Y: 800 - Z: 585mm - ISO 50
6000 rpm - Table: 3240 x 750mm (2)
Mazak Fusion M640 - 40 tools

Waldrich Siegen

Cylindrical grinder - Max dia: Ø 1000
Between centers: 6000 mm
Stone dia: 800 mm - lot's of accessories

Osama AFC/AS

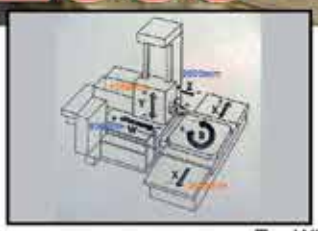
Knife grinder - Length: 1500 mm
Turnable magnetic table

Gockel G50elT NC

Knife grinder - Length: 3200 mm
Turnable magnetic table
Stone dia: 250 mm

Guro ZMM

X: 1500 - Y: 450 - Z: 280mm
Stone dia: 450 mm - 1460 rpm
Max workpieceheight: 400 mm



Tos WHN13.8C

Borer - X: 3500 - Y: 1250 - Z: 2000mm - ISO 50 - 32 kW on spindle
Table: 2200 x 1800 mm - Heidenhain iTNC 530 - Spindle travel: 800 mm
Spindle dia: 130 mm - 5 axes simultaneous

Tos W100A

Borer - X: 1600 - Y: 1250 - Z: 1150mm
ISO 50 - Table: 1250 x 1250 mm
Spindle dia: 100 mm - 10kW on spindle

Union BFT 90/3

Borer - X: 1600 - Y: 1000 - Z: 1000mm
ISO 50 - Table: 1100 x 1100 mm
Spindle dia: 100 mm - 12kW on spindle

Tos Mas VR8A Mk6

Radial drill - Max drillcap: 80/110 mm
11 kW - X: 2500 mm - Y: 1800 mm
30 > 1400 rpm

Schütte/Forst 16 ton

Broaching - 10 hp power
Stroke: 1250 mm
LOT'S of tooling included

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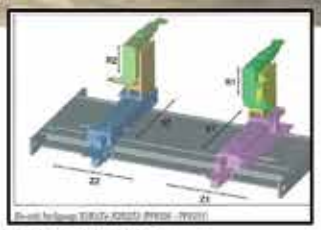

LVD PPEB 135 ton x 4270 mm CNC

Between columns: 3820 mm - Stroke: 200 mm - Max open: 400 mm
Depth of throat: 400 mm - 9 axes: Y1 - Y2 - X1 - X2 - R1 - R2 - Z1 - Z2 - V
LVD tooling - MNC 95/C graphic

O01 8850

Trumpf TrumaBend V130

130 ton x 3060 mm - Delem CNC
Between columns: 2690mm - Stroke: 215mm
7 axes - Willa tooling - hydr clamping

O01 8800

LVD PPEB 110 ton x 3100 mm CNC

Between columns: 2600mm - Cadman CNC
Stroke: 200 mm - 7 axes
Willa tooling - hydr clamping

O01 7018

Haco PPH 60T x 2100 mm

Between columns: 1600 mm - Stroke: 100mm
Max open: 280mm
Depth of throat: 200mm - 5,6 kW - 4 ton

O01 9164

Safan SMK 25 ton x 1250 mm CNC

Between columns: 1250 mm
Stroke: 115mm
TS control - 6 kW

O01 9126

Amada HFBO 220ton x 3100mm CNC

Between columns: 2700mm - Stroke: 180 mm
Operateur II - 8 axes

O01 8459

LVD PPNMZ 165 ton x 4100mm CNC

Between columns: 3150mm - Stroke: 175 mm
Touchscreen CNC - Max open: 425 mm

O01 8690

Amada APX 80 ton x 2550 mm CNC

Between columns: 2160mm - Stroke: 100 mm
Operateur II - Max open: 370 mm
7 axes

O01 8523

Haco PPM 135 ton x 3600 mm

Between columns: 3150 mm
Stroke: 120 mm - Electric backgauge

O04 9031

Favrin PHMM 3050 x 12 mm

Folding machine
Max open: 500 mm - 25 hp

O04 7984

RAS 74.30 CNC 3200 x 4 mm

Folding machine - Max open: 500 mm
MultiBend 9000 CNC

O04 8778

Fasti 3240 x 2 mm

Folding machine

O01 8612

Haco PPES 225 ton x 4100mm CNC

Between columns: 3710 mm
Stroke: 250 mm - Depth of throat: 330 mm
Robosoft Synchro+

S05 8752

MG AR 140 310 cm3 - full CNC

Axledia: 140 mm - 15 kW
Rolldia: 390 mm - hor + vert
LOT'S of tooling included

S05 8623

Tauring Vega 70

Axledia: 70 mm - 4,1 kW
Rolldia: 236 mm - hor + vert
LOT'S of tooling included

S05 4179

Pullmax Z31

Axledia: 100 mm - 4 kW
Rolldia: 280 mm - hor + vert

S05 7334

Tae Yeon TYR-HD25B

Spiralbender for rebar
max angle: 360° - 3,7 kW

M12 8677

500 ton Dish End Forming Press

Bakker 500 ton dish end forming press
2000 mm in grond - table length: 3000 mm - between columns: 7000mm
max open: 2700 mm (without table) - equipped with jibcrane
en two seperate tables

F01 8771

5 axis simultaneous

San Rocco Borer Table type
X: 2000 - Y: 1500 - Z: 1000 mm - Spindle dia: 110 mm - ISO 50 - 18kW on spindle
Spindle travel: 550 mm - Heidenhain 430CA

V02 8865

Unique Readco 300 ton weldingmanipulator
Table dia: 9,5 meter - variable turning and tilting 180°
Total weight: 160 ton

L03 8692

Kasto hba A 6x10 bandsaw CNC
Max workpieceheight: dia 703 mm - CNC clamping & positioning
Cap square: 1060 x 660 mm - Multiple CNC steps for autofeed: 9999mm

A07 8632

Friction Welding

SMFI Inter Hydro CNC frictionwelding lathe for heavy duty applications
Ideal for drilling equipment for the petrol industry - welding for drillingheads on tubes but also driveshafts, engines, turbines,...
hydr chuck - chuckdia: 600 mm - spindlebore: 100 mm - 129 kW on spindle - speeds: 296 > 740 rpm
hydraulic movable wagon - stroke: 700 mm - max dia over movable wagon: 220 mm

Boldrini 1250 ton dish end forming press
Stroke: 800 mm - max open: 2120 mm - Table: 2100 x 2100 mm
Between columns: 6200 mm - oilcooler included
Big lot of callibers and dies included for the production of large tanks

5 axes SHW UFZ 6L Bedmilling with movable column
with orthogonal milling head - X: 8000 - Y: 1600 - Z: 1500 mm
Table: 10 000 x 1000 mm - ISO 50 - 46kW on spindle - 22 > 2800 rpm
Heidenhain 430PA - A- & C-as CNC indexed = 64 800 positions
Workpiece can be machined on 4 axes!

Esab Telerex TXB 8000
head 1: marking / head 2: 3D bevel (angle: -45° to +45°
+/- 540° rotational range) / head 3: marking / head 4: straight
cap stainless steel 45°: 75 mm - cap stainless steel 90°: 125 mm
3 Esab Hypertherm plasma units 600 amp

Monforts RNC7 Ø 780 x 1500 mm CNC
Spindle bore: 110 mm - 62 kW on spindle - Siemens Sinumerik - 4000 rpm
VDI tooling - 12 tools - lot's of accessories included

Hugh Smith Verticale press 3000 ton x 3750 mm
exceptional and unique press for thick plates
Can be used as bending roll / pressbrake / straightening press / flanging
Stroke: 380 mm - 150 kW power - total weight: 220 ton
2 main rolls included

Finn Power SG6 Punch & Corner shear
Cap: 30 ton - max thickness: 8 mm - max punchdia: 89 mm - 30 kW
X: 3144 mm - Y: 1615 mm - Siemens 840D control - 20 tools
upforming cilinder 25 ton - corner shear: 1500 x 800 mm - with sortingsystem
& double unloading table - Machine works within the specified tolerances!

Surface treatment, Plasma, Laser & Punch

Gietart GW1500

Shot blasting - 4 turbines, 11 kW each
Door entry: 1500 x 500 mm
70 meter + 30 meter rollertables

Schlick RB 2600 verticaal

Shot blasting - 6 turbines, 18,5kW each
Siemens Simatic OP7 - filter & recup sys
Max sheetheight: 2600 mm

Thermal cleaning unit

Max workpiece: 4500 x 500 x 600 mm
Met vacuüm, filter & lift system

OMSG/Cogeim PG 10 x 15 2TR

Shot blasting - 2 turbines, 5,5 kW each
Door entry: 1200 x 1800 mm
With recuperation system

Laborex

Degreasing - Container size: 1035 x 820 x 320 mm - 40 kV power

Alpheus Cleanblast

Dry ice blasting - Atlas copco GR 200 compressor - Cleanblast 290 iceprod. 4,5 kg/min

Eisenmann Auto powdercoating unit

Movable on rails - own recup & filter installation - 2 robots
Door entry: 1000 x 1800 mm

Bystronic Byjet Waterjet

Table: 3000 x 1500 mm
max thickness: 100mm
with water and sand recuperation

Stako Spectrum

Plasma - Table: 4000 x 1500 mm
Thickness: 10 mm Kemper suction

Esab CXB 2025

Gas cutting - Table: 3000 x 1500 mm
Thickness: 25/40 mm - 2 gas heads

Trumpf L2530

Lasercutting - Table: 2500 x 1250 mm
2400 Watt - Thickness: 15 mm - Siemens
with shuttle table

Trumpf L3030

Lasercutting - Table: 3000 x 1500mm
3200 Watt - thickness: 20 mm
with shuttle table

Peddiworker 1000G

Universal ironworker - Cap: 100 ton

Kingsland 60 ton

Universal ironworker - Cap: 60 ton

Amada Pega 244

Punching - Cap: 20 ton - Thickness: 6,35mm
X: 2000 - Y: 1000mm - Amadan 04PC
with lot's of tools

Trumpf Trumatic 500R

Punching - Cap: 22 ton - Thickness: 6,4mm
X: 2000 - Y: 1250mm - Trumagraph CC220
MultiTool - Threadform - chipconveyor

Finn Power A5 Punching machines

Cap: 23 ton - max thickness: 8 mm - max punchdia: 89 mm - X: 2584 mm - Y: 1317 mm
Siemens 840D - 21 tools - 3 MultiTools - 2 chipconveyors - 3 plate clamps
Machine is working within the specified tolerances!

Shears & Bending Rolls

Haco TS 3100 x 12 mm

Shear - adjustable angle: 0,5 > 3°
22,5 kW - 7 > 17 strokes/min

LVD HSLS 3100 x 8 mm CNC

Shear - Elgo CNC

LVD MVN , 3100 x 4 mm

Shear - electric backgauge
plate support system - unloading system

Haco TS 3100 x 6 mm CNC

CNC shear
with plate support system

Amada GPN 3100 x 10 mm CNC

CNC Shear
with plate support system - 15kW

Haco SST 3100 x 6 mm

Shear
electric backgauge

Haco PSX 6200 x 6 mm CNC

CNC Shear - custom made machine, equipped with teflon protection to prevent marking - equipped with plate support system, stacking unit & scrap evacuation system
SC7 P control

Darley GS 1100 x 20 mm CNC

CNC Shear - Delem DAC 150
22 kW - Weight: 7 ton

Corpet louvet 3100 x 25mm

Shear - can cut straight and bevel cut
Max angle: 45° - Weight: 30 ton

Davi MCA 1200 x 16 mm CNC

4 rolls - conisch rollen
Dia upperroll: 200 mm

Davi 1100 x 40 mm CNC

4 rolls - conical bending
Dia upperroll: 380 mm

Arlo IRM 1550 x 6 mm

3 rolls - conical bending
Dia upperroll: 140 mm
Hardened rolls

Davi 3100 x 20 mm

4 rolls - conical bending
Dia upperroll: 330 mm

BLM Ø 42 x 2.5 mm + NC control

tubebender - 3 axes
Max bendingradius: 180°

Arlo TB 60 CNC

tubebender - variable bendingspeed
Max bendingradius: 180° - adjustable angle

Addison DB 76 - 3D CNC

3D CNC tubebender
Max bendingradius: 190° - auto loading

Arlo HP 22

Horizontal press - 22 ton - 2,2 kW

Presses (hydr/mech) & Sawing machines

Becker 650 ton

Panel press - Stroke: 1000 mm
Table: 3250 x 2000 mm - Weight: 35 ton

Arlo 125 ton / 1500 Vario

Workshop press - movable cylinder
Stroke: 400 mm - Max open: 925 mm

Zdas 400 ton

Mobile straightening press - Stroke: 1000 mm
Table: 6000 x 3100mm
Max open: 1400mm

Pacific Boxer 500 ton

Horizontal press - Stroke: 760 mm
Max open: 1980 mm - 50 hp
Straightening, cutting, bending, punching,...

Arlo HP 50 ton

Workshop press - Stroke: 350 mm
Max open: 1300 mm - 5kW

NN 320 ton

C-frame press - Stroke: 500 mm
Table: 1600 x 1500 mm - Weight: 30 ton

JPL C-250 15 ton

C-frame press - Stroke: 400 mm
Table: 650 x 280 mm - Max open: 420 mm

Alexy 100 ton heated press

Max temp: 300° C - Max open: 420 mm
Table: 500 x 500 mm - 3 tables

Raskin Type P 150 ton

Excenterpress - air clutch
Adjustable stroke: 0>380 mm
Table: 2600 x 900 mm

Raskin 100 ton

Excenterpress - air clutch
Stroke: 100 mm - 15 hp - 55 strokes/min
Table: 1550 x 1100 mm

Richter 160 ton

Excenterpress - air clutch
Adjustable stroke: 9>130 mm
Table: 1200 x 800 mm

LVD DVDF 100 ton

Excenterpress - Depth of throat: 340mm
Adjustable stroke: 10>100 mm
Table: 950 x 630 mm - Max open: 300 mm

LVD Mobiele richtpers 400 ton

Adjustable stroke: 1550 mm - Between columns: 3900 mm - Table: 7000 x 3200 mm
14 individual counterpressure cylinders in table - 3 ton per cylinder
stroke per cylinder: 100 mm - 11 kW - Weight: 85 ton

Bomar Transverse 610.440 DGH

Bandsaw - Max workpieceheight: 440 mm
Depth of throat: 610 mm

Behringer HBP360A

Bandsaw - Max workpieceheight: 360 mm
Full automatic CNC controlled

Kasto CNC blocsaw

Bandsaw - Depth of throat: 660 mm
Max workpieceheight: 360 mm
Laser measuringsystem - Magn. clamping

Dramet DS750NC

CNC diamond bandsaw
Depth of throat: 400mm
Max workpieceheight: 120 mm

Welding equipment & Profiling lines

Esab Welding crane for stainless steel tanks

For tanks up to 35 ton - X: 4850 mm - Y: 5000 mm - Perna 25TA turning gear
Crane is 360° turnable - Mig 5000i welding unit - Camera - A2 welding heads

Bode VPC 45 ton

Weldingmanipulator - Tabledia: 5000 mm
Max tiltangle: 180°

Turning gear 400 ton

Max dia x width wheels: 650 x 600 mm
Steel wheels - max 5000 mm between wheels

Cloos Romat 360 32TM

welding robot 6 axes for big pieces
Total height: 5000 mm
GLS 503 Quinto welding unit

Cloos Romat 320

Compact weldingrobot with turntable
GLC 403 Quinto welding unit

Firmac ADF 1500 x 1,2 mm

Square air ducts - 5 decoilers
smalles duct: 100 x 100 mm
biggest duct: 2000 x 2000 mm

Spiro 600 round air ducts

Dia cap: 80 > 1600 mm
Max thickness: 1 mm
Max width: 140 mm

Gabella 1550 x 2 mm CNC

Slitting and cut to length line
Decoiler - Straightener - Slitting & cut to length - Recoiler - Scrap recoiler

Tecnoma rollforming line for gutter

Decoiler - rollforming 18 stations - Shear
Tooling included for making unique type of gutter

Soenen cut to length

Cap: 1600 x 4 mm
Coilholder - Coilwagon - Decoiler - Puller - Shear - Feed out table - Stacking

Slitting line 400 x 3 mm

Decoiler - Straightener - Slitting unit
Machines fixed on single chassis

Siemi cut to length 1500 x 3,5mm

High precision - Decoiler - Straightener - Puller - Shear - Feed out table
Optional: profiling line

Mariani rollforming line

Max cap x width: 1,2 x 1500 mm
Decoiler - Straightener - Puller - Profiling
Speed: 30 meter per minute

Dreistern rollforming line

Decoiler - Rollforming 10 stations
Straightener - Saw - Feed out table

Matter Iron Book 4015 CNC

CNC Sheethandling

Eichener corrugated sheets

Thickness: 0,2 > 1,5 mm
Length: 3700 mm
with conveyor

Sutter round air ducts

Thickness: 0,4 > 1,2 mm
Dia tube: 80 > 1600 mm
including many tools

Overhead travelling crane

Demag 25 ton x 18 300 mm

Overhead travelling crane

Abus 25 ton + 25 ton x 13 925 mm

T-slot table

3630 x 2600 mm

Clamping table

Diameter: 2400 mm

Still 5 ton

with sideshift - electric

Combilift C4500 kg

Diesel - Triplex mast - Freelift
Sideshiftt

Forklift clamp

For coils and other round elements

Loading cart 20 ton

Dimensions: 5000 x 2000 mm
Height: 670 mm

Trennjaeger

Circular saw - ideal for long pieces
Max sawlength: 1650 mm
Hydr clamping

Loading cart 4000 x 4800 mm

Cap: 50 ton

Bobindus Generator

Cap: 450 kVa - diesel Perkins
as good as new - 42 uren

Bêché 400 kg

Forging hammer - 125 strokes/min
Max open: 530 mm
Depth of throat: 520 mm

Trumpf storage & loading system

Sheet dimensions: 3000 x 1500 mm

Schütte/Forst 16 ton

Broaching - stroke: 1250 mm
10 hp - 30 meter/min
LOT'S of tooling included

Berthiez

Planing - X: 6000 - Y: 1500 - Z: 2000mm
2 heads - Table: 6000 x 1800 mm
Heidenhain digital readout

Ort Italia RP 15

Threadrolling - 15 ton
Max dia: 50 mm - Max pitch: 4

This is only a small selection of our stock.
Our complete stock with details, photos and videos can be found on our site.

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Lots to offer

ONLINE AUCTION

29 February - 7 March 2016

DC ENGINEERING (METALWORKING MACHINES)

Bridgeport - Boehringer - Heyligenstaedt - Okuma Metalworking machinery incl.: CNC millers • CNC lathe centers • carousel lathes • borers • etc. Pressure/leak testing machine • router bits • machine accessories • gantry cranes • forklifts • pallet stacker • welding equipment and accessories • Carousel filing system • scissor lift system • screw compressor • workshop and warehouse equipment • etc.

VIEWING DAY: Monday, February 29, from 10.00 hrs to 14.00 hrs.

VIEWING ADDRESS: Grenadierweg 5, 4338 pg Middelburg (The Netherlands)

OVER 75 AUCTIONS A WEEK • LARGE QUANTITIES OF EQUIPMENT FOR SALE • FULFILMENT & TRANSPORTATION SERVICES AVAILABLE

BVA-AUCTIONS.COM

FUTURE SALES

PRIVATE TREATY SALE

By order of:
Bramcote Ltd
due to the closure of Premier Propshafts (In Administration)
unique opportunity to purchase a complete Propshaft Manufacturing facility

AVAILABLE FOR IMMEDIATE SALE BY PRIVATE TREATY
(to be included in the 17th March Bramcote Ltd Auction Sale unless sold prior as a whole)

VIEWING: By appointment with the Auctioneers only
AT: The Works, Units 10 / 11 Netherwood Ind. Est., Ratcliffe Road, Atherstone, Warwickshire, CV9 1JA, England.

ON-LINE AUCTION SALE

By order of:
H.D.M. Plastics
due to the closure of its manufacturing facilities

ON-LINE AUCTION DATE: THURSDAY 3rd MARCH 2016

VIEWING: TUESDAY 1st MARCH 2016 - by appointment only
(other dates may be available by prior appointment only)
AT: The Works, 9 Waldeck House, Waldeck Road, Maidenhead, Berkshire, SL6 8BR, England.

ON-LINE AUCTION SALE

By order of:
Bramcote Ltd
due to the closure of Kennering Transmissions Ltd (In Administration)

ON-LINE AUCTION DATE: THURSDAY 17th MARCH 2016

VIEWING: THURSDAY 10TH & TUESDAY 15th MARCH 2016 - by appointment only
(other dates may be available by prior appointment only)
AT: The Works, Grendon Road, Polesworth, Tamworth, Staffordshire, B78 1NX

ON-LINE AUCTION SALE

By order of:
Archfact Ltd
due to the retirement of the owners of the business

ON-LINE AUCTION DATE: THURSDAY 19th MAY 2016

VIEWING: TUESDAY 17th MAY 2016
by appointment only
(other dates may be available by prior appointment only)
AT: The Works, 10 Pipers Wood Ind P... Waterberry Dr, Waterlooville, PO7 7XU

Peaker Pattinson (Auctioneers) Limited
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FEBRUARY COLLECTIVE ON-LINE AUCTION SALE (over 700 lots)

By order of: **Various Aerospace, Precision Engineering & Electronic Companies**

VIEWING: TUESDAY 23rd FEBRUARY 2016 – by appointment only

At: PP Saleroom & other UK Sites.

AUCTION DATE: THURSDAY 25TH FEBRUARY 2016

CNC

Kitamura Mycenter 2 CNC VMC, 35x16" table, 20 tool atc, Fanuc control

Beaver TC10 CNC turning centre, 10 tool turret, tailstock, swarf conveyor, Fanuc System 10T control

Lambert 7500 CNC fine pitch gear hobbing machine, GE Fanuc Series 16i-M CNC control **(2002)**

Voumard 200CNC ZXUBT4 CNC internal grinder, 4 head / Turret, Voumard control, filtration

Tool Room Machinery

Kerry single spindle bench drill, Ajax 64R14 radial arm drill, Taylor Hobson Panograph engraver, GHA Pantograph engraver, Barber Coleman 6-16 gear hobbing machine **(refurb 2014)**, Herminghausen SR2G centreless grinder, Jones & Shipman 310 T&C grinder, AJH & Ajax linishers, Chen Ho CHV1500 turret mill **(1992)**, 2x Bridgeport turret mills, Parkinson No1NA horizontal milling machine, 3x Zipper Z1-HB204 planer & thicknesser *(boxed & unused)*, Tyro R02.15LAB cutting panel saw **(2004)**, Pedrazoli Brown250 pull down saw, Leten LHM280 hacksaw, WMW Niles DLZ630V2000 lathe, Puma C6238 gap bed lathe **(2007)**, Ward 7 capstan lathe, Qty small tooling etc

Inspection / Laboratory

B & T Laboratory Equipment laboratory oven, Carbolite LMF-4 laboratory oven, Avery-Dennison impact tester, Avery 6502 CGB weighing tensile tester, Amsler 6553 tensile tester, Vickers PBA 6111 wire machine, Crown & Windley etc surface tables. Qty length bars, height gauges, vernier calipers, micrometers etc

Sheet Metal / Spark Eroding / Injection Moulding

Trumpf Trumatic L3030 laser cutting machine, 3kW, 3m x 1.5m bed **(1997)**

Wiedemann RA-41P turret punch, 75mm dia max capacity, multi head turret with tooling

ARO S2151 spot welder on mobile gantry, Hilmor manual pipe bender, SIP Merlin 185 portable welder

Sodick K1C small hole drilling EDM, 350x250mm table, DRO, 3.3kva, 0.25 to 3mm drilling capacity **(2008)**

Negri Bossi NB-190 SM720 injection moulder, 190ton **(1990)**

Foundry / Casting

Roper geared crane ladle, 44" dia, top pour. Omega 4203/SP attrition unit **(2014)**

Integrated Sand Systems screw mixer. Richards Flashlite single wheel fettling grinder

Factory Plant / Miscellaneous

Daikin Hydrocube EUWAB16KBZW1 4 fan chiller unit **(2012)**, AVK 225kva diesel standby generator, Selbstregeinder 125kva diesel standby generator, 65kva diesel standby generator, Quick Silver QS-8.0D marine generator, Mud Master forkable sweeper **(2006)**, CompAir L160-7.5A rotary packaged compressor **(2007)**, 3x Hydrovane compressors **(to 2006)**, Craftsman 5hp mobile compressor on air receiver, Lansing H30D diesel forklift truck, Marley Davenport MDG-8 cooling tower **(2002)**, Sip Fireball 75XD diesel heater, Sealey Superstart 620, Baldwin & Francis 11kv switchgear panel **(2007)**, Adamson Green Hi Cycle generator (recon), 5x factory industrial gas heaters, hydraulic power pack with duplex drive, Genie Load Lifter mobile lifter, Ideal Sourcing Ltd steam cleaners *(boxed & unused)*, shotblast cabinet, Orwak 5031-E compactor / baler, industrial cleaner, pallet trucks etc

70x antistatic interlocking rubber mats, 300x white plastic stackable storage boxes, 10x Martini Alfredo plastic stackable cargo pallets, Qty 3 sided metal open sided stackable stillages etc

Qty angle grinders, drills, die grinders, motors, gearboxes, pumps, filters etc

Qty consumables inc: padlocks, bolt croppers, latch kits, hinges, battery chargers, hat / coat hooks, electrical sockets, crimping tools etc.

Qty lifting equipment inc: Hydralite, Tangy etc machine jacks, plate lifters, chains, lifting eyes, machine skates etc

Qty office furniture inc: Bisley 2 door storage cupboards, multidrawer filing / storage cabinets

Electronic / IT

Qty electronic equipment inc: HP, Fluke, Racal Dana, Datron, Avo, Keithley, Anritsu, Fairey, Thurlby, Agilent, IFR, Druck etc multimeters, digital multimeters, counter timers, voltmeters, oscilloscopes, network analysers, spectrum analysers, radio test sets, attenuators, microwave counters, safety ohmeters, RF synthesizers, signal generators, function generators, frequency counter, frequency meters, digital communication analysers, digital pressure calibrators, video pattern generator, power meters, directional couplers, radio meters, system graphic display etc *(some boxed & unused)*

Qty various electronic / laboratory spares inc: RF amplifiers, BNC plugs & adaptors, Rf filters, military style connectors, servo motors, diodes, proximity sensors, antennas, lenses, planimeters, light sources, stereo microscope heads, eye pieces, prisms, optical spares etc

MORE EQUIPMENT STILL BEING LOTTED – CONTACT THE AUCTIONEERS FOR FURTHER DETAILS

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Online Auction Sale

CNC Grinders and Turning Equipment used in the Production of Crankshafts no longer required by M&S Crankshafts Ltd

Cottrill & Co.
WORLDWIDE ASSET DISPOSALS

Bidding Ends: Thursday 3rd March 2016 at 3.00pm (UK Time)

Viewing by Appointment only with the Auctioneer

- **Chiron** FZ 18 KL Vertical Machining Centre with Siemens 167-15 Control (2011)
- **Correa** CF-22/25 Milling Machine with Heidenhain TNC 426 Control (1999)
- **Herbert** Devlieg Type DX399 Spiramatic Jigmill with Newhall Dro
- **Schou** Pin Grinder with 1m Grinding Wheel & Newhall Dro
- **Matra** Pin Grinder with 3ft Grinding Wheel & Newhall Dro
- **Churchill** Grinder
- **Schmaltz** RGK 1250 Journal & Pin Grinder
- **Scledum** RG-350 Pin Grinder with Newhall DP700 DRO
- **Dean Smith & Grace** 30 CNC Lathe with Grundig CNC Control
- **Dean Smith & Grace** 21 Gap Bed Lathe with Newhall B60 DRO
- **Mitchell** Gap Bed Lathe with M Dro DRO
- **Heckett** Spliner Machine with Newall SA 100 DRO
- **Skoda** SRM 100 x 5000 Heavy Duty Lathe
- **Dunbar & Cook** Crankmaster MK2 Pin Lathe with Mitutoyo KA DRO
- **Dean Smith & Grace** Type 17 Polishing Lathe
- **Kitchen & Wade** Manual Horizontal Borer
- **Kitchen & Walker** Model 50 E3 5ft Radial Arm Drill
- **Nagel** Type RP-ST Gun Drill
- **Morando** Dual Purpose Lathe
- Hydraulic Indexer
- **Accuramatic** Surface Grinder
- **Union** 14" Double Ended Grinder
- **LKG80** Microvector CMM
- Magnetical Partical Indicator
- Roller Table for Bandsaw
- Box Table for Radial Drill
- Granite Table 10ft x 35"
- **Macallister** Woodsaw
- **Demag** Start Compair Compressor
- 5 & 10-Ton Cranes
- Lifting Chains & Rack
- **Lansing** FREK 520 TL Ridge Electric 1-Ton Fork Lift Truck
- **Challenger** 20 Pallet Truck
- **Qty** Gas Heaters

For Full Information please visit our Website: www.cottandco.com

1308

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Cottrill & Co is a Trade Name of Cottrill & Associates Ltd

Online Auction Sale

CNC Lathes and Machining Centres located at;

Habu Technology, Norway

Bidding Ends: Thursday 10th March 2016 at 3.00pm (UK Time)

Viewing by Appointment only with the Auctioneer

Cottrill & Co.
WORLDWIDE ASSET DISPOSALS

These Items are located in Norway

- **Mazak** Integrex 400III Multitasking CNC Mill/Turning Centre with Mazatrol 640 MT Pro CNC Control System, Max. Speed on Main Spindle: 3300rpm, Max. Speed on Milling Spindle: 12000rpm, 40-Station Capto C6 ATC, Max. Turn Length: 1500mm, Max. Turn Dia: 630mm, Kitagawa B-212 Chuck, SMW SLU-3.2-ZS 3-Point Steady, Swarf Conveyor, Tool Presetter, Coolant through Milling Spindle (2005)
- **Okuma** LU 400 M Simul Turn 5-Aaxis CNC Lathe with OSP-200L CNC Control, Upper Turret X-Travel: 300mm, Z-Travel: 1275mm, Lower Turret X-Travel:195mm, Z-Travel: 1270mm, Max. Turn Dia: 420mm, Max. Turn Length: 1250mm, Spindle Bore Dia: 80mm, Swing over Bed: 650mm, Upper Turret 12-Station VDI 40, Lower Turret 10-Station VDI 40, 12" Chuck, Tool Presetter, Tailstock & Swarf Conveyor (2006)

- **Mazak** PFH-5800 Twin Pallet Horizontal Machining Centre with Mazatrol 640M CNC Control, Mas BT 40 Spindle Taper, 80-Station ATC, X-Axis: 730mm, Y-Axis: 730mm, Z-Axis: 740mm, Pallet Size: 500x500mm , Renishaw Probe, Through Spindle Coolant & Swarf Conveyor (2005)
- **Mazak** VTC800/30SR 5-Axis Vertical Machining Centre with Mazatrol Matrix CNC Control, Mas BT 40 Spindle Taper, 48-Station ATC, X-Axis: 3000mm, Y-Axis: 800mm, Z-Axis: 720mm, Table Size: 3500mm x 820mm, Renishaw MP-60 Probe, Cromar Through Spindle Coolant System & Swarf Conyeyor (2011)

- **Okuma** LB 45 II M Heavy Duty 3-Axis CNC Lathe with OSP-P200L CNC Control, X-Axis 440mm, Z-Axis 3060mm, Max. Turn dia: 650mm, Max. Work Length: 3000mm, Spindle Bore:110mm, Swing over Bed: 850mm, 500mm Chuck, 12-Station VDI 60 Turret, Tool Presetter, 3-Point Steady, Cromar Swarf Conveyor (2007)

For Full Information please visit our Website: www.cottandco.com

1308

For Further Information please contact our Office:
Cottrill & Co, 401—407 Tyburn Road, Erdington, Birmingham, B24 8HJ

▪ Tel: + 44 (0) 121 328 2424 ▪ Fax: + 44 (0) 121 327 9550 ▪

▪ Email: info@cottandco.com ▪ Website: www.cottandco.com ▪

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ONLINE AUCTION

CLOSES THURSDAY 25 FEBRUARY 2016, FROM 1:00PM GMT

SHEET METAL MACHINERY; AMADA PROMECAM TURRET PUNCHES & PRESS BRAKES, DIMECO PRESS LINES, LUNA CNC BENDING ROLLS, TOOLING & TOOL SHOP EQUIPMENT

On Behalf of the Joint Administrators of Lighting and Ceiling Louvres Limited, ReSolve Partners Limited and A Major Finance Company

LOCATION: Lighting and Ceiling Louvres Limited in Administration, 7-13 Cutlers Road, Saltcoats Industrial Estate, South Woodham Ferrers, Essex. CM3 5WA

PREVIEW: Today, 22 & 23 February 2016, 10:00am – 4:00pm, by appointment

Featuring

- **Amada Europe** 255 turret punch press (2003)
- **Amada Pega** 244 20 tonne turret punch presses (1988)
- **Amada Promecam** HFB 100-30 press brake (1998)
- **Amada Promecam** HFB 80-25 press brake (1996)
- **2: Dimeco** 400mm press lines (1998 / 95)
- **2: Dimeco** 300mm press lines (1998 / 95)
- **BHP** 300mm press line
- **2: Acorn** Engineering 300mm stamp lines
- **Luna** 4 roll CNC bending rolls 1,890mm x 0.5mm (2011)
- **Luna** 4 roll CNC bending rolls 2,040mm x 0.5mm (1996)
- **4: Fasti** Roll bending rolls
- **Promecam ITP** 50-25 up stroke press brakes
- **2: Promecam ITP** 50-20 up stroke press brakes
- **Guifil** PE 15-30 upstroke press brake (1995)
- **2: Guifil** PE6-16 upstroke press brakes (2000)
- **Amada CSW** 250 corner notcher

- **Bridgeport** Interact 4 Series 2 CNC milling machine
- **2: Fanuc** A04B Wire Cut machines, **Wickman** EDM, **J&S** 540L surface grinders, compressors, milling machines, **Miller** Syncrowave 350, cutter grinder, stretch wrapper, universal tooling, stock of sheet metal, parts and consumables and ancillary equipment

For further sale and detailed lot information,
contact: Kevin Smyth, email: ksmyth@hilcoglobal.eu • phone: +44 (0) 8453 130 140

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PRIVATE TREATY SALE

CATERPILLAR SINGAPORE

SALE OF ENGINE MANUFACTURING EQUIPMENT

LOCATION: SINGAPORE

FEATURING:

- Vertical Turning Lathe - You Ji Machine Industrial Co. Ltd (Taiwan) 'VTL2500ATC'
- CNC Crankshaft Grinder - AMC SCHOU (DENMARK) 'R-4000', with Siemens controller
- Crankshaft Grinder - AMC SCHOU (DENMARK) 'K-3700U'
- Camshaft Grinding Machine - Berco (ITALY) 'RAC 1500'
- Grit Blasting - St Louis; with Blasting System, Robot & Room

To view and bid on the lots, please visit: **http://tiny.cc/go-dove_CATPTMTI**

ONLINE AUCTION

CATERPILLAR SINGAPORE – COMPLETE FACILITY CLOSURE

SURPLUS FABRICATING MACHINERY, ENGINEERING & CALIBRATION TOOLS

LOCATION: SINGAPORE

FEATURING:

- Horizontal Band Saw - Waytrain UE330SA (2012)
- Rotary Blasting Machine - Wuxi Fodoo Technology Co. Ltd. FD1010A (2015)
- Downdraft Table - Shanghai Lancashire Technologies Inc.
- Welding Positioner - Yizhou Welding Equipment Co. Ltd.
- Horizontal Benchtop Optical Comparator - Starret HE400
- Precision Granite Table
- Handheld Laser Particle Counter
- Digital Height Guage - Mitutoyo
- Air Gun Torque Tool
- Transducer Air Tool
- Analytical Balance
- Torque Data Collector
- Digital Flaw Tester - Olympus
- Digimatic Holtest/Micrometer - Mitutoyo
- Hydraulic Tool Calibration Fixture
- Magnetic Particle Test
- Ultrasonic Inspection System
- Assorted Bore Guage, Video Borescopes, Microscope Kit, Flow Meter, Tester, Calipers, Cylinder Gauges

AND MORE

To view and bid on the lots, please visit: **http://tiny.cc/go-dove_CATOAMTI**

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NWP Engineering Ltd - Totton, a leading southern precision engineering company, has various machinery available due to Relocation.

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

Hartford HB3150A Vertical M/C Centre with 4th Axis (2005)

Correa CF22/25 CNC Bed Type Milling Machine (1997)

Mazak Super Quickturn 250M

Dugard Eagle 1300 Vertical Machining Centre

Quaser 204 II E CNC 3 Axis Mill

Dugard Eagle 1000 Vertical Machining Centre

Mazak Super Quick Turn 10

- Nikken 4th Axis
- BS-300HAS Saw
- Heavy Duty Fly Press
- FOBCO 7 Eight pillar drill
- Eagle Surface Grinder
- Atlas Copco Air Compressor
- Brierley Tool & Cutter Grinder
- Thomas ZIP 290 Bandsaw
- Jet DC-1100A Dust Collector (2011)
- Vixen Jetair Sand Blasting Cabinet
- MPE Welding Positioner
- Startrite Volant Bandsaw
- Fly Press

More Lots to be added

X-Cel Superturn (GB) Ltd, specialists in producing precision machined components, is offering various machines for sale due to restructuring and further investment

Online Auction Date: Thursday 10th March 2016 – 3pm GMT.
Location: Based on 2 Sites in Sheffield area. (Please see individual lots for details) Viewing Dates: Appointment only.

YOU-JI YV-1600ATC+C (2011) 1600mm Chuck, Tool Changer, 3 Axis CNC Lathe

Correa Diana 35 (2007) 2.5 degree indexing head + Full 400mm 4th axis

Hancook PRO TEK9 NC (2008) 4m BC 254mm Spindle Bore, Twin Chuck and Fanuc 21-iTB

Mazak Intergrex 300 SY, Milling, Y Axis & Subspindle (2002)

ProKing Model LC40/ 3000 Oil Country CNC Lathe

February 24th AUCTION

Irish Pressing has Excess Machinery available.

Online Auction Date: Wednesday 24th February 2016 – 3pm GMT Location: Co Donegal, Ireland
Viewing Dates: Appointment only Call us for more details: 02476 992205 info@1stmachineryauctions.com

Browne and Sharpe CMM Xcel 7-6-5D, upgraded with full 3D cad and geometric software

- 3 x Trueblood 100 Ton moulding machine
- Amada Bandsaw
- 160 ton ZTS press
- 400 Kva British Federal Welder
- Demag 3 Ton Crane
- Demag 8 Ton Crane
- Morris 500kg Chain Hoist
- Parts dryer
- Crane Rail Supports
- BHP Decoiler Straightener
- BHP HP16.300 Large decoiler Straightener
- Midsaw Bandsaw
- Mould heater
- Norton Heavy Duty Fly Press
- MCC50 Pipe Threader
- Roller Door
- Hole Puncher
- Granulator
- Extractor
- 2 x Air Receivers

See website for full listing

PROGRESS RAIL SERVICES
A Caterpillar Company

Progress Rail UK Ltd are offering a 2014 Mazak Integrex i300S due to reinvestment.

Online Auction Date: Thursday 24th March 2016 – 3pm GMT. Location: Nottingham
Viewing Dates: Appointment only. Call us for more details: 02476 992205

Mazak Integrex i300S 7 Axis CNC Lathe with Barfeed and Tooling Package (2014)

North East Engineering has various high quality machines available, which are offered for sale on behalf of a leading finance company, which once supplied the oil and gas industry.

Online Auction Date: Thursday 24th March 2016 – 3pm GMT. Location: Various sites (see individual lots for details)
Viewing Dates: Appointment only. *No loading facilities on site.

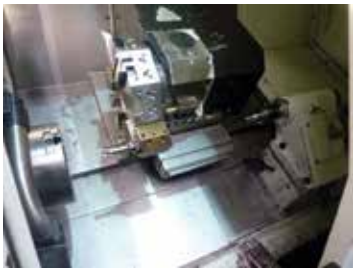
2012 Mazak VCS530C Vertical Machining Centre With Tooling Package

Doosan Puma 480L - Fanuc Control with large selection of Tool Holders & Jaws (2011)

Takisawa EX310 CNC Lathe - Fanuc Control - Including Driven Tooling Package (2007)

2006 Hartford Omnis 1270 Vertical Machining Centre with 4th Axis - Fanuc Control

Hurco TM8 CNC Lathe - with large selection Tooling, Jaws & Holders (2010)



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2 x Good Quality Tube Mills for High Strength/Stainless Steel with Tig Welder

Mill F168, Swedish Made
Diameter 14-40mm
Wall Thickness 0.5mm – 3.00mm
Twin Uncoilers with Coil to Coil Welder
Preforming Stands 4 x H; 2 x V; HVHVH
Twin ESAB LHF400 Tig Welders
Shaping Stands, Grinding & Sizing Stands
Printing, Saw & Measuring
32 Sets of Mill Tooling
Range of Spares and consumables inc motors, gearboxes etc

Mill F114A – Demag
Diameter 40-76.2mm
Wall Thickness 1mm – 5mm
Twin Uncoilers with Shear and Coil to Coil Welder
4 x H Preforming Stands & Forming Stands
4 x ESAB LHD Tig Welders
2 x Belt Grinders
Shaping Stands & Sizing Stands
Saw Stand, Runout etc
15 Sets of Milling Tooling
Range of Spares & Consumables

For Sale together or individually

Guide Price €220,000 each

Location: Ruukki Sverige AB, Borlänge Sweden

Viewing & Further Information:

Charles Moses **T:** +44(0)7831 854971, **E:** charles.moses@cjmasset.com, Dr Phil Thomas **T:** +44 (0)7738 804761 **E:** phil.thomas@parkegate.co.uk

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Instructed by the Kingsbridge Corporate Solutions Liquidator of Sea Land Flooring Ltd, other insolvency practitioners, finance houses & private clients

Online Auction

CJM's March Collective Industrial Auction

Auction Closes from 12 Noon Tuesday 1st March

BidSpotter.co.uk powered by atgmedia

Machine Tools & Workshop Equipment
Hella BEA2 Twin Pallet CNC Machining Centre; Parkson 20A CNC Vertical Miller; Lilian 5VH Turret Mill; Colchester Mastiff 1400 Gap Bed Lathe; 4 x Meyer Geared Head Pillar Drills; E-Pearson 3070 x 3.5mm and 2500 x 3.5mm Guillotines; Bigstone CF-700DMS Semi Auto Bandsaw; Piranha P50 Ironworker; Bianco 370MS Bandsaw; 2014 TCM Demountable Smart Crane; 2009 Mallis Type PA1311 Pallet Wrapper etc

New/Unused/Ex Demo Welding Sets
R-Tech 500amp Tig; R-Tech C-Mig250 Compact; Kemppi Master Tig ML3000; R-Tech 320 AC/DC/Tig; R-Tech Power Tig 320 EXT Digital; T-Tech 210amp 240V AC/DC/Tig PFC; Large qty of Boxed Welding Wire MCW-FCW-E81 Flux Cored 1.2mm in lots of 10 x 15kg; New & Boxed GM30 10mm Segment Diamond Tipped Stihl Saw Blades

2 x Jenbacher J612 1675KVA Gas Powered Gensets; Dorman 1500kva Diesel Gen Set

12 Vehicles including 2011 Citroen Relay Van; Ford, Peugeot, Fiat & Mercedes Vans, Case 2294 4WD Agriculture Tractor; BMW 520D; Land Rover Freelander, Trailers etc

40' Shipping Container; Floor Surface Preparation Equipment

Woodworking Machinery & Equipment

Location: CJM Auction Centre, Dunlop Way, Scunthorpe, DN16 3RN & other UK Sites.
Viewing: Friday 26th February 1pm – 4:30pm & Monday 29th February 10am – 5pm.
Further Information: CJM **T:** +44 (0)1724 334411, **E:** sales@cjmasset.com

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ONLINE AUCTION

Machinery & Equipment From Peterson Engineering Ltd Available Due To Closure

Sale Closes: From 14:00 25th February 2016

Location: Redcar, Cleveland, U.K.

- DSG Monarch CNC Lathes (Qty 2)
- Webster & Bennett 36" Vertical Borers (Qty 2)
- Kearns Richards SH 75 Horizontal Borer
- Harrison M400 & M500 Lathes
- Huron MU66 & MU6 Universal Milling Machines
- DSG Type 25 Lathe
- Colchester Mascot & Mastiff Lathes (Qty 4)
- Minganti & Ormerod Slotters
- Bridgeport 2S & BR2J Milling Machines
- Asquith, Bowes, Town & Woodhouse Radial Drills
- Vehicles & FLT
- Over 150 Lots Of Tooling & Inspection Equipment

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ONLINE AUCTION

CNC ENGINEERING LATHES/ MACHINE CENTRES, ASSOCIATED EQUIPMENT AND TOOLING

\ Daewoo Puma 240MB CNC Turning Centre (2006), Mori Seiki SL-300A CNC Turning Centre (1997), Daewoo Lynx 200LC CNC Lathe (2001), Kitamura Mycenter H400 CNC & Kitamura Mycenter 2 CNC Machine Centres

\ Multifeed ML1 CNC Bar Feed (1998), Iemca Maxis 72 Multitube Bar Feed (1997), Dixi Horizontal Borer, Bridgeport Interact 4 Series II, Amada Cutmaster HA250 (1995), Bridgeport Turret Mill with Slotting Attachment, Jones Shipman 1300 Centreless Grinder, 10" x 27"

\ Compair Broom Wade 6000E, Mitutoyo B706 CMM, Tesa Micro-Hite 600

\ Nissan LPG Forklift Truck (2005)

BIDDING ENDS: FROM 10.00AM THURSDAY 3rd MARCH 2016

VIEW: WEDNESDAY 2nd MARCH 2016 BETWEEN 10.00AM AND 4.00PM

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CNC Horizontal Machining Center
DMG DMC 70 H DUOBLOCK
swarf conveyor
Year of production: 2007
CNC SIEMENS 840D
Working travel X/Y/Z: 700/800/800 mm
B: 360 degrees
Pallet: 500 x 500 mm
Tool holder: HSK 63
Range of spindle speeds: 18 000 rpm
Tool magazine: 120 pcs

CNC 4 axis Vertical Machining Center
DECKEL MAHO DMC 103 V
Year of production: 2000
CNC HEIDENHAIN TNC 426
Working travel X/Y/Z: 1000/600/600 mm
B: 360°
Table:1200 x 600 mm
Range of spindle speeds: 8000 rpm
Tool magazine: 24 pcs
Tool holder: SK 40

CNC Vertical Machining Center
LEADWELL V30i
Year of production: 2008
CNC FANUC 0i-MC
Working travel X/Y/Z: 760/410/610 mm
Table: 890 x 500 mm
Feed:10 000 mm/min
Range of spindle speeds: 8000 rpm

CNC Vertical Lathe
OKUMA LVT 300- M
driven tools, workpiece pick up-feeder
Year of production: 2007
CNC OKUMA OSP P 200L
Max. turning diameter: 280 mm
Turning length: 150 mm
Turret head: 12 pcs
Tool holder: VDI 40

~~99 000 EUR~~ **89 000 EUR**

CNC Lathe
DOOSAN PUMA 240 MB
driven tools, tailstock
Year of production: 2006
CNC FANUC 21i-TB
Turning diameter over bed: 530 mm
Max. turning diameter: 300 mm
Distance between centers: 513 mm
Spindle bore: 65 mm
Revolver head: 12 pcs
Range of spindle speeds: 4500 rpm

Cell with welding robots
AWL ZM- L 2+3
Year of production: 2003
Number of robots in cell: 3 pcs OTC ALMEGA EX-V 6
Range of axis: J1: 340°, J2: 245°, J3: 360°, J4: 360°, J5: 280°, J6: 720°
Max. robot reach: 1402 mm
Max. robot capacity: 6 kg
Miller: OTC INVERTER AUTO 350
CNC OTC DAIHEN EX-C
Operator panel: SIEMENS SIMATIC OP 170 B
turn table with 2 indexers

CNC 8 axis Press Brake
ALIKO SP4200-320
Year of production: 2007
CNC CYBELEC ModEva 12S
Thrust: 320 T
Bending length: 4 200 mm

Heavy Bending Rolls, 3 Rolls
SERTOM 1-EMO 30/15
Year of production: 2000
PLC SERTOM
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