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#### We buy machines in large quantities for cash **CNC Bending CNC Press Brake** Center a 13 **MVD B135** SALVAGNINI PERFORMER x 3100 Year of production: 4 axis 2007 Year of production: **CNC Control** 2014 **CNC DELEM DA 52** Max sheet thickness: 2 mm Thrust: 135 t Max dimensions Bending length: of sheet metal: 3 100 mm 2 000 x 1 524 mm **Heavy Duty** Bending Rolls **CNC Shear** SERTOM **AFM FABTEK** EMO 3015 MK 13-31 3-rolls Year of production: Year of production: 2000 2000 -PLC SERTOM Cutting thickness: Bending length: 13 mm Cutting length: 3 000 mm 3 100 mm Max sheet thickness: 15 mm 59,000 EUR **Cell with Welding Robot** Cell with Welding **MOTOMAN** Robot **YR- UP6-A00 MOROMAN** Year of production: YR SK6 2004/2005 2-pallet Number of robots in cell: Year of production: 1998 2 pcs. Axis range: S: +/-340° Axis range: S: +/-170° L: +/-240° L: +155 -90° $11^{+} + -270^{\circ}$ U: +190 -170° R' +/-360° R: +/-180° B: +/-270° B: +225° -45° **16 500 EUR** T: +/-400° T: +/-360° **CNC Punching** Press **CNC Bending LVD DELTA** Machine 1250 LB BLM Year of production: **DYNAMO- E** 1999 Year of production: Max. capacity: 20 T 2005 Diameter: 88,9 mm Max pipe diameter: Sheet metal size: 20 x 1,5 mm 2500 x 1250 mm Power: 18 7 kW

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CNC Double Pallet Machining Center TOSHIBA SHIBAURA BMC 800 Year of production: 2001 CNC TOSNUC 888 Working travel X/Y/Z: 1600/1250/1000 mm Pallet size: 800 x 800 mm Max. pallet load: 2000 kg Automatic Tool Changer: 90 pcs



CNC 5 axis Machining Center MIKRON UCP 600 Year of production: 2005 HEIDENHAIN iTNC 530 X: 530 mm Y: 450 mm Z: 450 mm B: -115° +30° C: 360°



CNC Horizontal Machining Center AB MARWIN AUTOMAX II 2-pallet, 5-axis Year of production: 2001 FANUC 150iM X: 3 400 mm Y: 1 350 mm Z: 760 mm A,B: +/- 45°



CNC Vertical Machining HARTFORD VMC 3060 SG vertical, index head Year of production: 2002 CNC FANUC 18 MC X: 3 060 mm Y: 800 mm Z: 620 mm



CNC Vertical Machining Center COLCHESTER VMC 1020 S 4 axis, index head Year of production: 2008 FANUC 01-MC X: 1 020 mm Y: 510 mm Z: 560 mm



CNC Lathe DOOSAN i330 FANUC 18 iT Turning diameter over bed: 400 mm Max turning diameter: 330 mm Turning length: 250 mm



CNC Lathe COLCHESTER TORNADO T8 Year of production: 2005 FANUC 21i-TB Turning diameter: 260 mm



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#### NEWS • UPDATES • EDITORIAL • ROUND UP

# More than 27,000 visitors expected at MetalTech 2016

MetalTech, Malaysia's premier exhibition for the metalworking and machine tool industries, is set to stage its 22nd edition on 25-28 May at the Putra World Trade Centre in Kuala Lumpur. The show will feature over 400 exhibitors from 38 countries worldwide within 35,000 sq m of space. Over 27,000 local and international visitors are expected across the four-day event.

Aside from a brand new 'business matching' service, MetalTech 2016 will continue to operate a calendar of networking events that bring together suppliers, buyers and influential government officials, and will also prove to be the site for various new product launches. Furthermore, the show will see the debut of targeted industrial talks led by experts in numerous metalworking subfields. MTI will have a prominent presence at the event, where extra printed copies of its show issue will be distributed to exhibition visitors. For further information www.metaltech.com.mv

# Fanuc UK plans relocation

Fanuc UK, will be moving its UK headquarters to a new-build property at Ansty Park, Coventry. The 107,000 sq ft building will be developed by Highbridge Properties in partnership with HCA on a seven acre landscaped site, and will be due for completion early next year. The building will comprise a 56,000 sq ft design, manufacturing and training facility, 43,000 sq ft of offices and an 8,000 sq ft showroom area. *For further information www.fanuc.eu* 

# **XYZ sells 23 machines at MACH**

XYZ Machine Tools reports another highly successful MACH exhibition with orders booked for 23 machines at the

show and more to follow as a result of a high level of enquiries during the week-long event.

"The response to our attendance at MACH was superb and the order and enquiry levels can be classed as a roaring success," says Martin Burton, the company's UK sales manager. "Particularly pleasing was that five of the confirmed orders were from customers that we have not dealt with before. The popularity of the XYZ range is that we have machines available which suit anyone cutting metal. This



was highlighted by the fact that enquiries came from all sectors of industry and from companies of all sizes. A trend that did surprise us was the number of enquiries from start-up businesses, as well as companies that had returned to manufacturing, with some quoting bad experiences with overseas component suppliers." *For further information www.xyzmachinetools.com* 

#### 4 9 May 2016

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## **MACH order**

The need to further improve competitiveness with

the advantage of shorter machining cycles on smaller and often high accuracy turnmilled parts, drew HPC Services once again to the Citizen Machinery stand at the recent MACH exhibition to conclude an order for its 11th Citizen Cincom CNC sliding head machine. Says managing director Paul Cobb: "We have excellent opportunities to produce smaller parts and the Citizen L12-VII gives us the best combination of speed, accuracy, flexibility and access for fast changeovers. Also, with the ability to quickly switch from guide bush for long slender work to non-auide bush. the new machine will create even greater savings on shorter work.'

For further information www.citizenmachinery.co.uk

## **Faro opens** service centre

Faro Technologies has opened its new service and

calibration centre in Rugby, Warwickshire. The company says its move to the facility was prompted by increasing sales, the recent introduction of several products and a determination to deliver everhigher levels of customer care. The equipment installed at Faro UK's service and calibration centre means that procedures such as the repair and calibration of Faro equipment that was previously undertaken at the company's facilities in Germany, will now take place in the UK.

For further information www.faro.com

# **JJ Hardy strikes** TaeguTec deal

At the recent MACH exhibition in Birmingham, JJ Hardy, a subcontract manufacturer from Hartlepool signed a two-year contract with TaequTec to supply the company's cutting tools. Working in conjunction with TaeguTec distributor Alliance Tooling, a programme of continuous improvement will be undertaken to drive down tooling and production costs while improving cycle times. In fact, the first tool applied by Alliance Tooling at JJ Hardy is saving over £10,000 per year on a single job on just one machine.

Commenting upon the new agreement, JJ Hardy managing director Andrew Pailor says: "After using our existing tooling supplier for over 24 years, we felt the progression of tooling



developments had stagnated and we needed to up the ante to maximise our productivity. The package offered by TaeguTec and Alliance Tooling is certainly going to drive us forward." For further information www.taegutec.com

# Pietro Camaghi Vero enhances names UK agent sales team

The Engineering Technology Group has announced an addition to its partner portfolio having reached agreement to represent the UK sales and service support operations for Italybased Pietro Carnaghi. Founded in 1922, Pietro Carnaghi is a producer of large vertical lathes and gantry-type milling machines, supplying not just the machine tools but the machining technologies and automation necessary to optimise the machines in customer manufacturing plants. Today, third and fourth generation Carnaghi family members remain active in the management of the company, which is based at Villa Cortese near Milan. For further information www.engtechgroup.com

Vero Software has appointed David Rogers as sits UK sales manager. He joins the company after gaining over 20 years' experience in sales leadership roles, both within the UK and international markets. "Although my main priority is achieving sales goals, I believe the key to this is providing excellent customer focused support and services," he says, "and I'll be working hard to achieve the highest quality in this area." Initially his role will oversee the Edgecam, PartXplore, VISI and WorkNC teams in the UK. Rogers' multi-disciplined background includes experience in operations, sales and marketing, as well as turning around under-performing organisations. For further information www.verosoftware.com



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## SELECTION OF QUALITY EX-STOCK CNC AND CONVENTIONAL MACHINE TOOLS



KURAKI KBM 11X-P Twin Pallet 5 Axis Horizontal Boring & Milling Machine with Fanuc 16i-MB Control. Year 2003. Spindle dia. 110mm. Spindle speeds 5 – 3000 rpm. Spindle taper SK50. X/Y/Z/W 1500mm/1000mm/700 mm/350mm. Full B Axis indexing to 0.001°. Rapids X/Y/Z 12m/min. Rapids W 6m/min. 60 ATC. Table loading 2,200kgs. Main spindle drive (AC) 18kW. Fully enclosed photo-electronic interlocking guarding. Swarf conveyor. Filtermist unit. High pressure coolant. Through spindle coolant. Spindle cooling unit. Twin Pallet Shuttle System.



WOHLENBERG B800P Heavy Duty Deep Hole Borer & Trepanning Machine. This machine is a "P" Version. The "P" version is suitable for boring heavy, asymmetrical or awkwardly shaped workpieces, which cannot rotate. Workpieces of this type are clamped to a T slotted indexing work table which has the capability of indexing 360 degrees in 4 x 90 degree graduations. The tool headstock drives the boring tool. Boring feed is produced by the boring carriage. Spindle drive 100 HP. Spindle speeds 85-1120 rpm. Table size 60" x 60" (1524mm x 1524mm).



WALDRICH Roll Grinder. Swing 1,220mm x 6,500mm Between Centres with Cambering and DRO. Swing over bed 1,220mm. Distance between centres 6,500mm. Wheel dia. 711mm x 304mm & 355mm bore. 2off Steadies 88mm – 355mm dia. (with extensions) 2 off Steadies 355mm – 610mm. Cambering system. Coolant/Magnetic filtration unit. Total weight 30,000kgs approx.



WEBSTER & BENNETT Series S Elevating Rail Ram Type CNC Vertical Borer with Philips 3000 Control. Table dia. 1000mm. Maximum swing 1750mm. Height under cross rail 1600mm. Maximum height under ram 1854mm. Ram section 203mm x 203mm. Vertical travel of ram 1219mm. Speeds 12 – 324 rpm (inf.var). Table loading 10 Tons. Elevating Rail. Ram type. Auto tool changer. Chuck jaws. Philips 3000 Control. Main motor 75 HP.Year 1981. Total weight 17,400kgs.



 WEBSTER & BENNETT Series S Elevating Rail Ram Type CNC Vertical Borer. Fanuc 18i-T Control. Year 1981.
 Table dia. 1270mm. Maximum swing 1750mm. Height under cross rail 1600mm. Maximum height under ram 1854mm.
 Ram section 203mm x 203mm. Vertical travel of ram 1219mm. Speeds 12 – 324 rpm (inf.var). Table loading 10 Tons. Elevating Rail. Ram type. Auto tool changer. Chuck jaws. Fanuc 18i-T Control. Main motor 75 HP. Total weight 17,400kgs.



KEARNS RICHARDS SF125 Table Type Horizontal Boring Machine. Year 1978. Spindle dia. 125mm. Spindle taper 50 ISO. Spindle travel 600mm.Spindle speeds 22-1120 rpm. Facing head dia. 800mm. Facing head speeds 4.5 – 224 rpm. Table size 1800mm x 1800mm. Spindle motor 20 HP. X axis 2100mm. Y axis 1500mm. Z axis 1800mm. Mitutoyo KA Counter 3 axis Digital Readout. Table outrigger supports. Please note by request the suppliers product has been sanitised on the photographs.



WMW Union BFT110 Table Type Horizontal Borer with Heidenhain TNC155. Year 1988. Spindle dia. 110mm. Spindle taper 50 ISO. Spindle travel 800mm. Spindle speeds 5.6 – 1120 rpm. Facing head dia. 800mm. Facing head speeds 4.5 – 224 rpm. Table size 1600mm x 1400mm. Spindle motor 40 kW. X axis 1950mm. Y axis 1600mm. Z axis 2000mm. Heidenhain TNC155 Control. Table outrigger supports. Please note by request the suppliers product has been sanitised on the photographs.



ASQUITH BUTLER 8,000mm Elgamill with Heidenhain TNC415 CNC Control. Year 1991. High Pressure flood coolant. 1,000mm x 1,000mm rotary table. Swarf conveyor. Bed length 8,000mm. Bed width 1030mm. X axis 6200mm. Y axis 1750mm. Z axis 1050mm.Spindle speeds to 2000rpm (inf.var). 5 position auto indexing head. 40 station automatic

tool changer. Please note by request the suppliers product has been sanitised on the photographs.



ASQUITH BUTLER 8,000mm Elgamill with Heidenhain TNC426 CNC Control. Year 1997. High Pressure flood coolant. 1,000mm x 1,000mm rotary table. Swarf conveyor. Bed length 8,000mm. Bed width 1030mm. X axis 6200mm. Y axis 1620mm. Z axis 1050mm. Spindle speeds to 2000rpm (inf.var). Auto indexing head. 40 station automatic tool changer. Spindle power 30 kW. AVALLABLE JULY, 2016 Please note by request the suppliers product has been sanitised on the photographs.

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#### **AUCTION SPOTLIGHT**

 Asset Sales is holding a two-day auction of equipment used formerly by Joy Global, Ohio, US. Lots include: 17 Giddings & Lewis CNC horizontal boring mills of various bed sizes; a Vanguard CNC horizontal boring mill; a G&L Sheffield CMM; a Pfauter P400G CNC gear profile grinder; a Mazak QT30M CNC turning centre; an Okuma LB-35II-MX2000 CNC turning centre; a Warner & Swasey SC-28 CNC turning centre; and a Nihon Kikai NDH-1200 universal gear hobber. Auction takes place on 11-12 May, beginning at 09:00 EDT.
 +1 888 800 4442 www.asset-sales.com

 Peaker Pattinson is conducting an online auction of machines used previously by Boston Engineering, Boston, UK. Lots include: an Adira QHA100-30 upstroking hydraulic press brake; a Haco TS3006 hydraulic guillotine; a Kingsland 70XS hydraulic steelworker; Reliant 6' bending rolls; turret mills by Tos Kurim and King Rich; Colchester Triumph and Mascot gap bed centre lathes; and various factory and plant equipment. Viewing is on 10 May by appointment. Auction date is 12 May.
 +44 (0)1778 590111 www.ppauctions.com

 1st Machinery is staging an online auction of machines from various UK sites. Lots include: a Haas VF-0E VMC; an LVD Laser Helius 2513 CNC laser cutter; a Harrison Alpha 330T; a Rambaudi Versamill; a Fanuc Robocut 0C; a large Stanko slotting machine; an Agiecut D100 EDM; an Eaton Leonard CNC tube bender; a Progress drill; a Brierley tool and cutter grinder; and CMMs by ITP and CE Johansson. Viewing is by appointment only. Auction date is 12 May at 15:00. +44 (0)2476 992205

#### www.1stmachineryauctions.com

 Cottrill & Co is hosting an online auction of machinery used previously by M&B Precision. Lots include: a Mazak Nexus VCN 510C CNC VMC; a Mori Seiki NV 5000A/40 CNC VMC; a Mori Seiki NV 5000 CNC VMC; a Haas TM1 CNC vertical mini mill; a Haas CNC vertical Mini Mill; a Jones & Shipman 524 Easy CNC surface grinder; a Snow HR400 horizontal rotary surface grinder; a Harrison M400 centre lathe; and a Johnford TC-10 platen-type lathe. Viewing is by appointment. Bidding ends on 12 May at 15:00.
 +44 (0)121 328 2424 www.cottandco.com

 Maynards is facilitating an online auction of equipment used previously by Reiner Brach GmbH, Bremen, Germany. Lots include: a Mazak Super Quick Turn 250 CNC lathe; Heidenreich & Harbeck SS & CS lathes; a Heckert FSS400 milling machine; an Oerlikon M10V mill; an Abene VF270 milling machine; a Wanderer KFV211 mill; a Behringer HBP 413/313N bandsaw; a Beka-Mak PMSY bandsaw; and a Klager & Muller HBS320/ HBS325 bandsaw. Lots close on 8 June.
 +49 174 321 0116 www.maynards.com

#### UPCOMING FEATURES

**16 May** Cleaning and degreasing



23 May Metrology

30 May CNC lathes and turning centres

6 June CNC and CAM



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Manufacturer: Trumpf Type: Trumatic L5060, 6kW Year: 2008 Control: Siemens Sinumerik 840 D



Manufacturer: Trumpf Type: Trumatic L6050, 6kW Year: 2006 Control: Siemens Sinumerik 840 D



Manufacturer: Trumpf Type: TruLaser L5030 classic, 5kW Year: 2007 Control: Siemens Sinumerik 840 D



Manufacturer: Trumpf Type: Trumatic L4030, 2,7kW Year: 2003 Control: Siemens Sinumerik 840 D



Manufacturer: Trumpf Type: TruLaser L5030, 6kW Year: 2008 Control: Siemens Sinumerik 840 D



Manufacturer: Trumpf Type: Trumatic 500FMC-1300 Year: 2000 Control: Bosch CC 220S



Manufacturer: Trumpf Type: Trumatic L4050, 6kW Year: 2004 Control: Siemens Sinumerik 840 D



Manufacturer: Trumpf Type: TrumaBend V 320 Year: 2000 Press force: 320 to

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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



BYSTRONIC BYSHEAR VR6.5/4100 CNC guillotine, New 2008, Cybelec CNC, rear sheet support, squaring arm, supports, rear light guards, 4100 x 6.5mm capacity £poa



LVD MVS-TS 31/6 CNC Guillotine, New 2005, LVD CNC touch screen, sheet support system, blade gap, vari rake, light guards, 3100 x 6.5mm capacity £poa



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



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



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 8mm capacity £poa



HARDINGE BRIDGEPORT GX 600 vertical machining centre, New 2011, 4th axis, handwheel, speeds to 10000rpm, Siemens 828D, BT40, 750 x 540mm table, X=600 Y=540 Z=430mm £poa



XYZ SLX355 CNC Lathe, New 2012, 360mm swing over bed, 1000mm between centres, 52mm spindle bore, Prototrak SLX CNC, speeds to 4000rpm, 100 hours use **£poa** 



SIMERON FGH630 hydraulic guillotine, New 1997, Digital back gauge, sq arm, supports, rear guard, adj blade gap, adj rake, foot control, hydraulic, 3100 x 6.5mm cap £poa



SAFAN VS 310-6 hydraulic guillotine, Digital backgauge, squaring arm, support arms, blade adj, foot control, 3100 x 6mm capacity £poa



BYSTRONIC AFM EP 100/3100 CNC press brake, New 2005, well tooled, Cybelec DNC 880, front supports CNC crowning, Lazer guards, 200mm stroke, 100ton x 3150mm capacity £poa



GEKA MINICROP universal steelworker, Selection of punches and dies, four work stations, foot control, 27mm dia x 13mm max punch, 300 x 10mm shearing £poa



EVERISING S4633 SA Semi Automatic Horizontal Bandsawing Machine, New 2007, Bidirectional angle adj --60° ~ 0° ~ +45° Bi - Direction, coolant, hydraulic flow down feed control, 330mm max dia saw £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** 



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** 



DECKEL FP5CC/T Universal CNC milling machine, 630mm dia table with C axis, Dialog 11, SK40, vertical and horizontal spindles, speeds to 6300rpm, X=800 Y=600 Z=550mm £poa

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Bending and Forming feature



# DHK opts for Haco **Kingsland Pressmaster**

Based near Charleroi, Belgium, a specialist in the cutting, punching, bending and finishing of steel and aluminium sheet metal parts is leveraging the benefits of the latest Pressmaster press brake from Haco Kingsland.

DHK, where core business is the supply of commodity sheet metal parts, recently decided to invest in a full CNC press brake that would meet all of its demands Pressmaster press brake with a and introduce extra speed into the company's production process.

"Because of our successful collaboration with Haco Kingsland, acquired a lot of know-how on which extends over more than than 10 years, we decided to work with them once more," says Philippe Dubois, general manager. "We already have five machines from Haco Kingsland and we are really pleased with their quality, as well as the support service provided."

DHK plans to equip its new robot, a move that will complete a fully automated production line.

"In past few years we have CNC bending and discovered some limits of our current machines," says Dubois. "That's why we've decided to invest in this new Pressmaster, where the CNC bending technology is key."

The Pressmaster is a multiaxis CNC press brake with electronically controlled beam parallelism and depth-stop setting. It features a combination of 2D/3D graphic CNC control with automatic generation of the

bending program, along with a back-gauge system and increased daylight opening. The machine also offers SyncView (pictured), which allows operators to watch both the control screen and the workpiece simultaneously during the bending process.

"The machine will allow us to take on jobs which were previously much harder or impossible for us to do," concludes Dubois. For further information www.kingsland.com

#### ng with BendingStudi Easier bendi

Aicon 3D Systems has launched a new version of its BendingStudio software platform. BendingStudio 3.0 connects all data and processes surrounding the production of bent parts: from process planning to manufacturing and quality control.

Featuring a revised control concept, the software is said to be even more clearly structured and easier to handle. Importantly, the set-up of inspection plans is separated from the measurements, so the user only sees information relevant to the task.

user to create bending elements for a bending machine from a component's CAD data in IGES or STEP format. Even complex data files can now be processed, says Aicon, and bending data is easily and reliably extracted.

BendingStudio 3.0 also offers extended measurement options. The connected measuring device, such as Aicon's TubeInspect or MoveInspect, provides the measurement data, while BendingStudio carries out the analysis of the measured pipe. A wizard guides the user through A new CAD wizard enables the the single steps of the bending



point model. Usually, the analysis is automated, however, the user can step in when needed. Manual intervention is more transparent and graphically supported.

BendingStudio also offers new options for very long and complex pipes with many bending points,

such as brake pipes. They can be measured with TubeInspect by overlapping repositioning, section by section, after which the partial measurements are combined. The user can either delete measurements or change the parameters of the analysis afterwards. If the overall measurement is not successful, new single measurements are added, defective measurements deleted or single measurements re-evaluated with changed parameters. For further information www.aicon3d.com

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#### **Bending** and **Forming** feature



# Sertec presses ahead with £10m+ investment

One of the UK's fastest growing automotive suppliers has signed its largest ever press investment. The Sertec Group has turned to Bruderer UK to identify and purchase 12 machines fitted with coil lines and servo feeds to help the company meet growing volume demands from many of the world's largest car makers.

The first tier supplier has committed more than £10m to

the three-year modernisation programme that has seen it start to install a host of Zani Motion Master presses (with ram velocity slow-down kinematics), ranging from 250 to 800 tonnes. It marks the continuation of a long-term relationship between the company and Bruderer UK, and will give it the speed, quality and capacity to develop structural stampings – in both steel and aluminium – for all of the new Jaguar Land Rover models. to continuing this momentum is "We have been the exclusive to ensure we are investing in ou

sales, spare parts and service provider for Zani for more than two years in the UK and this is without doubt the biggest deal we've ever agreed," says Adrian Haller, managing director of Bruderer UK.

Dave Steggles, managing director of Sertec Group, adds: "We expect to grow our £197m turnover significantly in 2016 and the key

to continuing this momentum is to ensure we are investing in our technology and our capability. This project is unprecedented in terms of size and has quickly escalated from six presses to 12. It's a learning curve, but one we'll complete and one that will deliver greater quality, manufacturing performance and capacity to our customers." *For further information www.bruderer.co.uk* 

# Gasparini unveils X-Press Easy

The new Gasparini X-Press Easy press brake is available in three configurations: 80 tonnes/2 m; 115 tonnes/3 m; and 165 tonnes/3 m. The frame of machine is dimensioned using FEA, while the valve blocks, main pump and proportional valves are Bosch-Rexroth, and the optical linear encoders are Heidenhain (1 µm resolution). In addition, the X-Press Easy is equipped with linear guides by Bosch, racks and pinions by Gudel, and brushless motors and servo-drives by Panasonic.

The machines offer a ram

speed as high as 200 mm/s across a basic four-axis configuration (Y1-Y2-X-R), with an optional six-axis version available by adding Z1-Z2. Tool clamps can be either manually or pneumatically operated on both punches and dies, while the control options are either a Delem DA-58T or Cybelec ModEva Pac CNC. Offline software is also available.

Further options include Gasparini ACSG1 active crowning technology that measures and compensates ram bowing in real time. In addition, for eco-friendly



fabrication shops, several energysaving systems can be added.

According to Gasparini, the only wireless pedal available on the market allows the user to initiate moves without cables on the floor. Additionally, for those requiring maximum production flexibility, there is the LaserLine for conical bends or for bends made without using the back-gauge. Priority after-sales service and TeleLink remote assistance are also available. For further information www.gasparini.it

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Lathe - cycle controled

 WEILER
 E 35 x 950

 No. 13752
 new in: 1998

 turning diamete 410 mm
 turning length 950 mm



 Thread-Worm-Grinding-Machine

 REISHAUER
 US 500 E

 No. 14103
 new in: 1984

 thread dia. 250 mm
 grinding length 500 mm

 thread pitch - mm
 thread pitch - mm



Vertical Turret Lathe - Single Column TOS-HULIN SKIQ 12 CNC B No. 09492 new in: 1995/06/11 faceplate diame 1250 mm swing diameter 1500 mm turning height 1785 mm



Cylindrical Grinding Machine JUNKER BUAJ 30 CNC No, 12764 new in: 1996 grinding diamet 300 mm grinding length 630 mm centre height 150 mm



Gear Hobbing Machine - Vertical GLEASON-PFAU<sup>®</sup> P 2001 - 3000 CNC No, 12370 new in: 1984/2006 max. wheel diam 3000 mm gear width 1200 mm



 Bevel Gear Generator - Straight

 MODUL
 ZFTK 500 x 10/l

 No. 13503
 new in: 1978/2015

 workpiece diame 500 mm
 tooth width 71 mm



Gear Grinding Machine REISHAUER RZ 301 S No, 07753 new in: 1990 max. wheel diam 330 mm gear width 180 mm



Gear Hobbing Machine - Vertical PFAUTER P 2500 B No. 11748 new in: 1974 max. wheel diam 1250/2500 mm gear width 1050 mm



 Cold Rolling Machine

 GROB
 ZRMe 12

 No. 07674
 new in: 1983/96/05

 rolling capacit 0 t
 workpiece diame 340 mm



Vertical Turret Lathe - Double Column QIQIHAR Heavy C5225 x 16/10 CNC No. 13594 new in: 2010 faceplate diame 2250 mm swing diameter 2500 mm turning height 1600 mm



Thread Milling- and Hobbing Machine HECKERT ZFWVG 250 / 3Wx200 No. 13330 new in: 1990 workpiece dia. 500 mm hobbing length 2000 mm

5 AC

new in: 1989

**Rotor Milling Machine** 

rotor dia 630 mm

hobbing length 1700 mm

clamping length 1740 mm

HOLROYD

No. 14010



Gear Hobbing Machine - Horizontal GLEASON-PFAU" P 400 H x 4000 CNC No. 11178 new in: 2013 max. wheel diam 440 mm gear width 4000 mm



Gear Hobbing Machine - Horizontal STANKO-KOLOM 5 B 370 x 3000 No. 08332 new in: 1985/2010 max. wheel diam 500 mm gear width 3000 mm



Gear Shaping Machine CUGIR MD 631 No. 10722 new in: 1991/12 max. wheel diam 630 mm gear width 200 mm



Gear Shaping Machine LORENZ LS 400 No. 12204 new in: 1979 max. wheel diam 400 mm gear width 70 mm

Bending and Forming feature



# **Cleaning trolley maker** benefits from tube bender

A new, all-electric tube and profile bending machine from Unison is helping Crisp Clean Services - a manufacturer of mobile cleaning stations - to boost productivity and make its manufacturing process leaner. The 30 mm bender incorporates features such as a built-in hole piercing system that eliminates a separate processing stage, multi-stack tooling for quick changeovers between tube sizes, and roll-form bending.

Langport, Somerset-based Crisp Clean makes a variety of mobile trolley systems for commercial janitorial applications, with ergonomically positioned buckets and mouldings to carry a flat mop wringer, as well as other compartments for cleaning materials and waste. All of the trolleys are built around stainless steel frames.

One of the first applications for the new Unison bender illustrates the productivity gains

being achieved by Crisp Clean. The machine is used to crushform a frame which provides the structure for a custom trolley system. This bending process uses special tooling - provided as part of the package by Unison - to deliberately collapse part of the tubing as it bends.

The technique provides structural strength that serves to make Crisp Clean's trolleys robust. A key piece of this particular frame is a rectangular shape, made from a single square profile tube with four 90° bends, plus 12 holes on all four sides for subsequent assembly. Crisp Clean previously made this part using two separate machines (bender and piercer) in seven separate bending and piercing stages. The new tube bender now makes the same part in a single automatic cycle, almost tripling the speed of production. For further information www.unisonltd.com

#### ninium hot forming wit h HFQ

AP&T says it has delivered the world's first production line in LoCoLite, an EU FP7 project.

for hot forming of aluminium with a new method - HFQ. The technology enables parts to be manufactured that have low weight, high strength, complex shapes and high dimensional stability in one single step. CIPCO, a subsidiary of Impression Technologies Ltd (ITL), is the purchaser.

The new method, comprising heat treatment, forming and in-die quenching (HFQ), was developed at Imperial College London (ICL) and Birmingham University in the

UK, and is now being industrialised

AP&T collaborates in the project together with several stakeholders from European industry and academia to produce solutions that can help car manufacturers reduce vehicle weight, energy consumption and environmental impact.

The new process allows high strength aluminium alloys to be formed into complex geometries through the increased formability, with sharper bend radii and almost total elimination of spring-back,



thus offering significant advantages compared with traditional stamping processes. The production line will be used by CIPCO to manufacture lightweight parts for several British car manufacturers, as well as for continued development work of

the HFQ process. Production is expected to be underway during the second quarter of 2016.

"In just a short amount of time we have taken a new and promising technology from concept to functioning production solution," says Peter Karlsson at AP&T, who is responsible for the company's contacts with LoCoLite. 'Co-operation with ITL on HFQ began in 2012. LoCoLite was launched the year after, and we have now delivered the first order." For further information www.aptgroup.com

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GLEASON-PFAUTER CNC-Gear-Profile Grinder P 1200 G yr. 2007 Ø 1200, SIEMENS 840 D, with measuring



SCHAUDT CNC-Cylindrical Grinder PF 7 UB 4000 yr 91, Ø 700 x 4000 mm x 3000 kg, SIEMENS 880, gauge ctrl

**REISHAUER** Universal Thread-

& Worm-Grinder UL 900

yr. 1990 Ø 250 x 900 mm,

relieve grinding attachment



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#### Bending and Forming feature



# Moseley Bros makes £0.5m press investment

Tapping into the expertise and capabilities of a specialist press supplier has helped a Dudley-based manufacturer secure a string of new automotive wins. Moseley Brothers, a press tooling and production specialist, has invested more than £500,000 in the purchase of two large Chin Fong presses that will help it increase its capacity, speed and ability to take on orders for more complex components.

The company purchased the

machines from Worcester Presses, which was able to specially configure them with bespoke guards, a large press bed and seamless integration into the existing Tomac coil handling line.

Moseley Brothers is already producing various pressed components for several leading car manufacturers and it is anticipated that more than £1m of orders can be fulfilled every year on the 500 and 400 tonne presses.

John Hickman, managing

director of Moseley Brothers, says: "We moved to our new site in Dudley last year as part of a £2.5m investment and recognised the need to update our press capability. Our relationship with Worcester goes back more than a decade, so we invited their technical team in to discuss our requirements and then present the best possible solution to meet those needs.

"The answer was two Chin Fong presses, one a GTX-500 tonne and the other, a GTX-400," he continues. "Both are straightside, double-crank presses, which have given us a significant increase in shut height (to 1000 mm) and bed width (3200 mm). This has already reaped dividends with new contracts secured to supply larger automotive components. With our pipeline of presswork orders set to grow by 20% in the next 12 months, the increased speed and capacity we now boast is essential." *For further information www.worcesterpresses.co.uk* 

# **V&F** performs bends on punch press

Radan, a CADCAM software

applications, is lighting the way for an engineering subcontractor to carry out small bends as part of the cutting process on its punch press. Fareham-based V&F Sheetmetal manufactures millions of components every year – a number of which involve small bends that can be handled with multi-bend tooling installed on a Trumpf 3000R and programmed with Radan.

The company makes full use

of this facility when manufacturing a fan deck component for air curtains. "It saves time, not having to send them to the press brake," says director Ray Frith, son of the company's founders, "and is a perfect example of how we keep at the forefront of technology."

The range of components includes covers, brackets and gear trays for heating and air conditioning companies; chassis and front panels for electronics; and front and back amplifier panels, along with internal



bracketry for speakers. The smallest parts manufactured at V&F measure just a few millimetres, such as earth clips and tiny support brackets for

electronics customers, while some of the largest include light fittings that can be around 2 m long.

The shop floor is now capable of producing even larger fabrications, as the bed on the company's Trumpf 3030 3 kW fibre laser is 3 x 1.5 m, and the latest addition to the plant list – a Safan e-Brake press brake – can fold components up to 3 m in length. Radan software drives two punch presses and the laser. For further information www.radan.com

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#### **MAG-BOEHRINGER** VDF450-T/2000

CNC Turning Center, with dual 12-Position Turrets, Siemens Acramatic CNC Controls, Hydraulic Tailstock, Turning Length 2000mm, Upper Left & Right Hand Carriages, Max X-Axis Travel On Carriages 415mm, Max Z-Axis Travel On Carriages 2050mm, Carriage Swing Over Bed 700mm, Turning Center Height 1350mm, Steady Rest, Chip Conveyor, Rome Chuck. Date of Manufacture: 2012.

#### CINCINNATI 115

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.



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,

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#### **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, Chin 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

**GLEASON 120** Cervic Coupling Grinder, S/N: 779806.

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STANKOIMPORT 1A660 CNC Lathe CNC Siemens 840 D - 780 x 10000 -Ø 1210 over saddle - kw 110 - capacity 25 Tons - steadies



SKODA W 160 HC Floor type borer Ø 160 - X=18000 - Y=4150 - W=1250 - Z=1600 - kw 60 - rotary table 3150x2800; capacity 35 Tons.; travel 1500 - D.R.O. - floor plates, ball screws, hydrostatic



MFD HOESCH CNC Four slides bed lathe CNC Siemens 840 C - 620 x 2000 - Ø 900 over saddle - kw 62 - 8 positions automatic turret - with cylinder liners deep hole boring tailstock, 2000 travel



TACCHI HD 1000 x 12000 CNC Lathe CNC Siemens 840 D - 500 x 12000 - Ø 700 over saddle - kw 50 - "c" axis and live tooling - 12 positions automatic turret - boring and grinding devices



CNC Gantry type milling machine CNC NUM 760 F - table 14400x3900 - passage b.c. 4700 - H 3000 - X=14000 - W=6000 - Ram=1250 + Spindle=800 - kw 63 - 84 seats ATC - continuous tilting head - indexed angular head



UNION BFP 160/I Floor type borer Ø 160 - X=6700 - Y=3000 - W=500 - Z=1000 - kw 22 - rotary table 2250x2250; capacity 32 Tons.; travel 1500 - D.R.O.



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**CNC Floor type borer** 

CNC Heidenhain 430i - Ø 160 - X=8000 - Y=4000 - W=750 - Z=1000 - kw 52 - cnc milling ram with birotative manual milling head - cnc rotary table 2500x2500, 30 Tons., travel 1500 - cnc facing head

ZAYER 30 KMU 14000 CNC Bed milling machine CNC Heidenhain TNC 426 - table 13700x1200 - x=12400 - Y=2500 - Ram=1250 - kw 37 - 80 seats ATC - birotative indexed head



DAINICHI M 152 CNC Three slides bed lathe CNC Siemens 840 C - 760 x 4000 -Ø 1100 over saddle - kw 45 - 12 positions automatic turret



BERTHIEZ RVR 100 CNC Rotary table vertical grinder CNC Num Axium Power P 2 - magnetic table Ø 1000 - max. working Ø 1250 - H 800 - kw 14,7 - wheel Ø 450 - swivelling head "b" axis +135'/-90° - with n. 1 second 90° electrospindle kw 5



FRORIEP 40 KZ-350 CNC Vertical lathe CNC Fagor 8025 Ti - table Ø 3500 - max. 3800 - H 2250 - capacity 40 Tons. - kw 70 - n. 2 cnc vertical tools



TBT TE 30-500 CNC Deep holes drilling machine CNC Siemens 805 M - X=4000 - Y=2000 - n. 2 horizontal spindles: travel=500, kw 25, 4000 rpm - max. working Ø 30

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#### CNC VTL



Control: Siemens Chuck Hydr.: 800 mm ø Max. swing: 1.000 mm ø Turningheigth: 1.000 mm Stock nr.: draai570



Double sided bending Max. distance 2 heads: 2.000 mm Molds: 3x22 R65,2x19 R57, 4x18 R±40, 2x20 R60, 1x25 R75 Stock nr.: buig109



Schenck H40V/BU Swing over bed: 1.200 mm ø Max. Swing over bed: 1.600 mm ø Bed: 3.000 mm Snare and gearbox driven Stock nr.: misc611

#### Quick Radial drilling machine



Intake: Mk4 Table: 520 x 1.210 mm Capacity: 40 mm Year of make: 2012 Stock nr.: boor284





Stroke: ± 250 mm Dividing table: 370 mm ø For more machines take a look at: <u>www.jansenmachinehandel.nl</u> Stock nr.: steek044

#### Welding manipulator



Jwelding HB30 Capacity: 3.000 kg Plate dimension: 1.330 mm ø Revolutions: 0,056 - 0,56 RPM Electric tiltable Stock nr.: las151

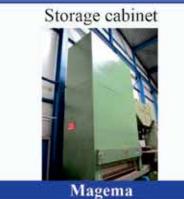
#### Radial drilling machine



Raboma 12HR2500 Capacity: 100 mm Intake: MK6 Deep troath: 2.500 mm Horizontal & Vertical Stock nr.: boor282



Distance between centers: 6.000 mm Centerheight: 450 mm Turning diam.: 800 mm ø Swing in the gap: 1.200 mm Stock nr.:draai654



Drawer: 2.450x400x150/300 mm Floor dimensions: 3.150 x 1.700 mm Height: ± 6.800 mm www.jansenmachinehandel.nl Stock nr.: misc556

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Boringmill



Skoda W160HC Control: Fagor D.R.O. 3+3 axes Spindle diam.: 160 mm ø X/Y/Z: 15.000/4.000/1.600 Turningtable: SKODA S-35-C;35 ton Stock nr.: kot150

#### CNC Cylindrical grinder



Control: Siemens Sinumerik syst. 3 Grinding wheel diam.: 800 mm Grinding wheel width: 100 mm Grinding diam.: 600 mm Stock nr.: slijp233

#### Boringmill



Collet & Engelhard BFF85

Table: 1.150 x 1.350 mm X/Y/Z: 1.050/1.300/1.500 mm Spindle: 85 mm; Intake: MK 5 With steady Stock nr.: kot158



Capacity: 40 ton Variable adjustable revolutions For more machines take a look at: <u>www.jansenmachinehandel.nl</u> Stock nr.: las094



Control: NC Capacity round: 520 mm ø Capacity Square: 520 x 520 mm Strip: 760 x 520 mm Stock nr.: zaag289



Glauchau SI 6/3 Control: Siemens Grinding diam.: 10-500 mmø Stepless adj. revolutions: 50-500 min With internal grinding/ toolgrinder Stock nr.: slijp215



Spindle diameter: 80 mm ø X/Y/Z/W: 1.300/1.200/1.500/650mm With facing support and steady With digital read-out Stock nr.: kot160

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#### Work shop presses



#### Geuma 100t EHP-1000

Capacity: 100 t Stroke: 700 mm Distance columns: 1.300 mm Tilting: 90° Stock nr.: pers323

#### Arbor bending mach.



Schwarze-Wirtz WE100D Arbor: 6.000 mm Moulds: 115 mm Extra moulds: 90 mm With several accessories Stock nr.: buig079



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Stock-No. 66\_4209 – Notching Press SCHULER N 16 Year of manufacture 1971 / 00



Stock-No. 1050-063001 Double-Column Press DIEFFENBACHER PO 1000 A (UVV) Year of manufacture 1979



1050-153062V Double-Column Press SPIERTZ **HPS 1200** Year of manufacture 1984 / 03



1050-153061A Screw Press WEINGARTEN PA 225 Year of manufacture 2008

Stock-No.



Stock-No. 1050-123092B Crank Press -**Double Column CLEARING S** 4-1000-180-90 Year of manufacture 1962 / 02



1050-073095 Toggle Press -Double Column GRAEBENER GK 360 Year of manufacture 1965

Stock-No.



1050-163005V Double-Sided High Speed Press **HAULICK & ROOS RVD** 63-800 HS Year of

manufacture

1996

Stock-No.



Stock-No. 1050-153049V Hydroforming Press SCHULER SHPU 50000-3500/2000 (CE) Year of manufacture 2000



Stock-No. 1050-113044 Fine Blanking Press **FEINTOOL** GKP-F 50/80 Year of manufacture 1971



Stock-No. 1050-66\_4104 – Horizontal Extrusion Press **SCHULER X 150 L** Year of manufacture 1968 / 12



Stock-No. 1050-088002 – Line of presses LAEPPLE 5 X ZEH 500 Year of manufacture 1983 - 1986

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AMADA EM-2510NT SERVO-DRIVEN CNC TURRET PUNCH W/NT CONTROL. MFG: 2004. STOCK NUMBER: 10451



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33 TON AMADA PEGA 357 TURRET PUNCH W/FANUC O4PC CNC CONTROL. MFG: 2000. STOCK NUMBER: 10430



1750 TON X 40' PACIFIC FABRI-K 1750-40/36 HYDRAULIC PRESS BRAKE. MFG: 2007. STOCK NUMBER: 10242



33 TON AMADA VIPROS 3610L TURRET PUNCH W/ L SHEAR. MFG: 2000. STOCK NUMBER: 10269



4000 WATT AMADA LC3015F1NT LASER CUTTING SYSTEM. MFG: 2012 - APPROX: 12,000 HOURS. STOCK NUMBER: 10434

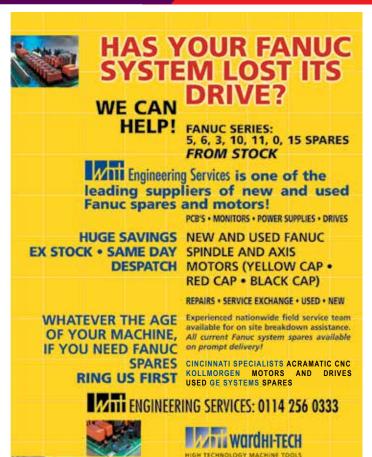


33 TON AMADA EM3610NT HIGH-SPEED, SERVO DRIVEN TURRET PUNCH. MFG: 2007. STOCK NUMBER: 10361



4000 WATT AMADA FOM2 3015NT LASER. MFG:2012 -APPROXIMATELY 17,000 HOURS. STOCK NUMBER: 10395

Jordan Craig Machinery Int'l LLC 151 N. Main St. Ste 203 • P.O. Box 737 • New City, NY 10956 Tel: 845-398-0073 • Fax: 845-398-0074 jc@jordancraigmachinery.com • www.jordancraigmachinery.com





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# Walker Singleton Chartered Surveyors

## **ONLINE AUCTION**

Instructed by the Directors of CTS Machining Engineers Limited Due to Retirement

## **Conventional and CNC Engineers Machine Tools**

Location: Unit 6, Russell St, Wakefield WF1 5QS Viewing: Wednesday 18 May 2016 - 10am to 4pm Bids Close from: 12 noon, Thursday 19 May 2016 **Buyers Premium: 15%** 

Bidding and Catalogue available



Turning & Boring: KEARNS-**RICHARDS SH75 Horizontal** Borer: WEBSTER AND **BENNETT 36" Vertical Borer** (x2); COLCHESTER HARRISON Alpha 1400XT CNC Lathe; DS&G 1609 Gap Bed Lathe; WARD No.8 Turret Lathe.

Drilling & Cutting: ASOUITH ODI MKII 16/72 Radial Arm Drill; PROSAW 10" Horizontal Bandsaw; HERBERT Jay-Dee Tapping Head, plus a range of Spade Drill Tooling Drills with Coolant Facility.

Milling & Grinding: JAROCIN JAFO FWF 32J-2 Universal Miller; BRIERLEY ZB80 Drill Grinder; MAJOR Pedestal Grinder.

Dividing Heads; Rotary and Machining Tables, Indexing Heads, Angle Plates, etc.

etc.

walkersingleton.co.uk

01484 477611

Support: ARTISON FG18

LPG Fork Lift Truck: MARK

**ELLIOTT Jackleg Site Cabins** 

Lifts (x2); Lifting Clamps and

Strops; Work Benches; Multi

Drawer and Storage Cabinets.

Test Equipment: Micrometers;

Verniers; Ball, Slip and Screw

Plug Gauges, Surface Plates,

Reamers, Drills, Milling and

other Cutters; Bits; Holders;

Vices; V-Blocks; Angle and

Tooling: Boring Heads;

other Clamps; Spacers;

(x2); ULTRA Lift Magnetic

MSM5.5kw Compressor:

2441

Cmachinesp
() TTER.com

### **ON-LINE AUCTION SALE**

By order of: Boston Engineering Supplies & Services due to the re-organisation of the business VIEWING: TUESDAY 10th MAY 2016 – by appointment only.

AT: The Works, Riverside Ind Est., Marsh Lane, Boston, Lincolnshire, PE21 7PJ, England.

#### ON-LINE AUCTION DATE: THURSDAY 12th MAY 2016



Adira QHA100 30 upstroking hydraulic pressbrake, 3000mm x 100ton capacity,

3050x6mm capacity, blade gap adjustment,

Kingsland 70XS hydraulic metal worker,

Reliant 6ft bending rolls with drop end,

Ridgid 300 2" pipe threader. Ridgid 300C pipe threader (boxed & unused)

GF 1-4" powered pipe threader. Tubela

Qty various Ridgid, Hilmor etc manual pipe

segmented tooling, Sick light guards,

Haco TS3006 hydraulic guillotine,

front supports, s/n 802360 (1989)

Sheet Metal / Welding

s/n 3118/6140 (1991)

s/n 301201 with tooling

hydraulic pipe bender.

benders, threaders etc

7" rolls

Kemppi MasterTig AC/DC 3500W tig welder, 350A (2008) Migatronic MIG445 mig welder with wire feed, 445A Migatronic MIG405 mig welder with wire

feed, 450A Star Kamanchi Cutta70 plasma cutter

H HACO

3000x1500mm steel welding table with vice

#### Machine Tools

Morris Mor-Speed radial arm drill, 24x18" 'T' slotted table, 42° arm, 75-1500rpm Draper HD19/16C single spindle bench drill, 350mm dia RF table, 190-2900rpm, 240v RJH 100mm belt linisher. Black & Decker 8" double ended grinder on base TOS Kurim FNK25 turret mill, 1250x290mm table, 56-4500rpm, Mitutoyo 2axis DRO



King Rich KR-3000 turret mill, 1220x300mm table, powerfeed, 70-3600rpm Thomas 300mm dia pull down chop saw Invicta 6m horizontal shaper, 23x13" 'T' slotted table, 8-74rpm, 0-24 adjustment Colchester Triumph 2000 gap bed lathe, 7 ½" CH x 50" b.c., 25-2000rpm, s/n 6/0044/35050

Colchester Mascot 1600 gap bed lathe, 8 ½" CH x 60" b.c., 20-1600rpm, s/n 7/0203/4595

Granor heavy duty gap bed lathe, 120" b.c., 10-500rpm

Mills bolt on hydraulic ring frame press,

24x20" bed Hi-Ton 15ton hydraulic press, 14x12" bed,

9" throat Denbigh bench type flypress, 4" throat MORE EQUIPMENT STILL BEING LOTTED - CONTACT THE AUCTIONEERS FOR FURTHER DETAILS



Qty small tooling inc: drills, reamers, machine vices, bench vices, dies, end mills, taps, drill chucks, centres, sleeves etc

#### Factory Plant / Miscellaneous

Nissan FD25 diesel forklift truck, 2000kg capacity, 3000mm max lift height Atlas Copco LE6 'V' compressor on 120ltr air receiver, 10bar, 1800rpm Belle Minimix 110v cement mixer (1999) Fusion generator / welder, Honda GX340 11.0 petrol engine

Rotabest Max38Plus mag drill. Makita 2414EN 110v pull down chop saw (2014) Qty Metabo, Hitachi, Bosch etc 110v / 240v angle grinders, drills etc Qty various trolley jacks, axle stands, vehicle ramps, workshop equipment, benches etc





eer Pattinson (Auctioneers) Limited

HEAD OFFICE: THE GRANGE OFFICES, AUNBY, STAMFORD, LINCS PE9 4EE. ENGLAND Tel: +44 (0)1778 590111 Fax: +44 (0)1778 590730 E-mail: Info@ppauctions.com

# **ON-LINE AUCTION SAL**

By order of: Lynx Engineers Ltd due to the continuing investment programme of the business VIEWING: TUESDAY 10<sup>th</sup> MAY 2016 – by appointment only. AT: The Works, Riverside Ind Est., Marsh Lane, Boston, Lincolnshire, PE21 7PJ, England



Machine Tools / Fabrication 2x Excel model PBS250V 10" horizontal bandsaw, 8" clamp, variable speed (2005 & 2007)

T-Jaw Machinery (Addison) HBS\_1018V horizontal bandsaw, 300mm vice (2013) Mod 270 mitre horizontal bandsaw Jones & Shipman 540 surface grinder, s/n BO79316

Qty various 40 taper tooling, drills, chucks, vices etc Kingsland J18A powered punch, 350mm

throat, 28x13mm capacity Messer Profline Comcut 21 profiler, 2.5kva, Burney 2.5 CNC control, s/n 11050 (1998) 2x Bode etc power manipulators, 850x850mm plate



SIP 25kva spot welder, 350mm throat 2x Migatronic Mig445 mig welders, 445A with wire feed units Esab 510W mig welder, 500A with Esab Feed 304 wire feed Oil cooled portable welder, 11.25kva Hypertherm Max 100 plasma cutting system, 100A Esab PowerCut LPH plasma cutting system, 80A

Factory Plant / Miscellaneous Hertz Kompressoren HSC22 rotary packaged compressor, 22kW, 3.75m3 / min cap (2011) HPC Plusair screw compressor, 31412hrs Abbot 500ltr air receiver. DE Energy compressor air dryer (1998)



MTA DE004 compressor air dryer, 0.3kW (2002) 2x ID200/ID300 gas factory space heaters (2004)

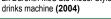
Pelloby 3 ton SWL mobile 'A' frame. 6m span with 2x electric chain hoists,

pendant control 2 ton SWL floor mounted 'A' frame,

8m span with 2x electric chain hoists, pendant control

Large 'A' frame, dismantled 3x Nitchi etc 1 ton / 2 ton electric chain hoists, pendant control

Lobo Systems 3 step mobile safety steps 250kg ŚWL 2x Darenth MJS Ltd model Style 5 hot





12<sup>th</sup> MAY 2016

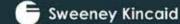




MORE EQUIPMENT STILL BEING LOTTED - CONTACT THE AUCTIONEERS FOR FURTHER DETAILS



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## **ONLINE AUCTION**

### **Plastic Injection Moulding Machines & Equipment**

Sale Closes: From 14:00 24<sup>th</sup> May 2016 Location: Various, U.K.

- Sandretto Serie Nove HP485-2650, 485 Ton
- Sandretto Serie Nove 320/1780, 320 Ton
- Negri Bossi NB100, 100 Ton
- Negri Bossi NB60 SM210, 60 Ton
- Battenfeld BA 1000 / 315CDC, 100 Ton
- Demag Ergotech 35/120, 35 Ton
- More Machines Added Soon



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Start: May 24, 2016 / 9am BST Ending: May 26, 2016 / 1pm BST Location: Upper Villiers St. Wolverhampton, West Midlands, United Kingdom Preview: May 23, 2016 / 9am - 4:30pm BST or prior by appointment. Please contact Chris Matthews.

 ALD VKNQ PC60/60/90 Vacuum Furnace • ALD VKA 60/60/90 Vacuum Furnace Haas VF2 Vertical Machining Centre • Miyano BND 34S2 CNC Turning Centre Miyano LE-41S Turning Centre • Hydrobar 5m Multi Tube Bar Feed • (2) Okuma LC40-2ST CNC Lathe (8) Voumard, Fortuna F23S, Johansson, Tschudin & Manhurin Cylindrical Grinders Tripet TST 300 CNC Internal Grinder • (2) Herminghausen Centreless Grinder (2) Moore Jig Grinders
 (3) Peter Wolters & Johan Geis Lappers
 Norton Hydrolap Dual Side Lapper · Gun Drills, Pillar Drills, Bench Grinders, Blast Cabinet, Workbenches, Workshop Equipment High Capacity Stainless Ultrasonic Cleaning System • Faro FO4 Gage Plus Portable CMM Thermo Scientific XL3T Goldd+ Niton Analyzer Portable Materials Identification System (2) Taylrond Roundness Testers - Johansson 07 Cordimet CNC CMM Societe Genevoise SIP MP-2P Jog Borer with Measuring Head Mahr Optimar 100 Calibration Suite 
 Mahr 828 Precision Length Measuring System Tesa Micro Hite 600 & 400 Height Gauges
 Tesa TT20 Electronic Length Measuring Instruments • Extensive Range of Inspection Equipment, CMM, Dials, Gauges, Meters • Granite Inspection Tables (2) HPC Plusair Cabinet Silenced Rotary Air Compressors And Much More For More Information, Please Contact:

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#### Sale Closing: 26th May 2016 Location: Luenen, Germany Viewing Day: Tuesday 24th May 2016

#### FEATURING:

- Varnsdorf TOS 'WHQ 13' 4 axis horizontal CNC milling machine (2009)
- Varnsdorf TOS 'WHN 13 8' 4 axis horizontal CNC milling machine (1999)
- Schiess Froriep 'OFB 160.25 TDVS' 5 axis horizontal CNC milling machine (1991)
- Pegard Products 'Precivit 3MM mitTRT 1800' 5 axis horizontal CNC milling machine (1988)
- . Wotan 'Rapid 1' 5 axis horizontal CNC milling machine
- Pegard Products 'AF130 P' 5 axis horizontal CNC milling machine (Qty 3)
- Messer Griesheim CNC profile burner (Qty 2)
- Almega 'AX-V6i NEFN' single head robotic profile cutting machine (2008)
- Severt 'S70-4.4' single head robotic profile cutting machine (2009)
- IGM Robotics Column mounted robotic welding cell (Qty 2)
- Hamm 5 -16 Ton overhead travelling gantry cranes (Oty 7, 2009)
- High quality engineering and steel fabrication equipment

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To view and bid on the lots, please visit: http://www.go-dove.com/en/events?cmd=details&event=551103

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**ONLINE AUCTION** 

On Behalf Of:

Johnson Controls REINER BRACH

#### AUCTION CLOSES WEDNESDAY 1 JUNE 13:00 GMT

By Order of Johnson Controls Interiors GmbH & Co KG, Wuppertal-Germany

# **COMPLETE CLOSURE OF THE CAR INTERIOR MANUFACTURING FACILITY**

## **Over 200 lots incl. Plastics Injection Molding, Maintenance** and General Plant Equipment



**FEATURING: (13)** Plastics Injection Molding (up to 2006): *Krauss Maffei* KM 3600-13000A, KM 1000-8000MC, KM 800-4350MC, KM 650-4350CM, KM 350-1900DF, KM 250-2700DF, *Engel* ES 3550/650Duo, 750/150HL ST; **(21)** Robots (up to 2010): ABB IRB 1600/2400/4400/6640, ABB IRC 5; **(8)** Pallet Dryers (up to 2011): Colortronic, Motan; **(19)** Bridge Cranes: 10/20/25/50to.; **(2)** Thermoformers: Frimo THL 860x2000; **(6)** Silos: Zeppelin (54 qbm); Vaccum Pumps, Machine Tools, Compressors, Maintenance Eq., Industrial Racking and a lot more!

## By Order of Reiner Brach GmbH & Co KG, Bremen-Germany

# **COMPLETE CLOSURE OF A HOT ROLLING MILL**



## PRIVATE TREATY SALE: Max Rolling Capacity W/L 3x20m

- SACK: Duo Hot Rolling Reverse Mill
- BRACH: Hot Roll Leveling
- TST/IOB/LOECHER/BRACH: Heat Treatment Furnace
- **BRACH:** Gantry Slab Grinding Machine
- KLEIN/BRACH: Sand Blasting Chamber
   BRACH: Ingot Melting/Recycling Furnace
  - ting Chamber Various Tru
- SCHICHAU: Flame Cutting Unit
- KRUPP: Ingot Casting
- BRACH: Surface Treatment
- Slab Lifting Equipment
- Heavy Duty Bridge Cranes
- Various Trucks, Trailers, Loaders

#### **ONLINE AUCTION:** Approx. 200 Lots - Closes Wed. 8. June

 USM Haller, BARTOLI SEGIS Design Furniture 
 <u>Lathes:</u> Mazak Super Quick Turn 250, Heidenreich & Harbeck SS&CS 
 <u>Milling:</u> Heckert FSS400, Oerlikon M10V, Abene VF270, Wanderer KFV211 
 <u>Bandsaw:</u> BEHRINGER HBP 413/313N, Beka-Mak PMSY, Kläger & Müller HBS320/HBS325 <u>Demagnetisizer:</u> Maurer Magentic 
 <u>Forklifts:</u> LINDE E 30 S, E25-02, TOYOTA

> ..and a lot more compressors, cranes, spot welders & general plant equipment

CONTACT Andreas Matuszczak | andreas@maynards.com | Phone: +49 174 3210116 FOR MORE INFORMATION AND TO REGISTER VISIT: www.maynards.com



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Mantec Engineering Ltd is offering a 2011 Doosan Puma TT1800SY and a 2009 Doosan VC500 for sale due to restructuring and further investment. Quality New Driven and Manual Tooling for Mori Seiki CNC Turning Centres. IORI SEIKI SAUTER MANTEC Online Auction Date: Thursday 12<sup>th</sup> May 2016 – 3pm BST. Location: Manchester Viewing Dates: Appointment only. Call us for more details: 02476 992205 Online Auction Date: Thursday 12<sup>th</sup> May 2016 – 3pm BST. Viewing: Appointment only. Location: Coventry. DRIVEN TOOLING Doosan Ace VC500 (2009) Fanuc 21i Control + Kitagawa 4th Axis 5 x Mori Seiki Sauter Driven Single ER32 Collect Chuck Typ 0.5.928.106 - 121 334 Doosan Puma TT1800SY (2011) 1 x Fanuc 31i Control Twin Boring Bar Holder 2 x Mori Seiki Sauter Driven Twin ER32 Collect Chuck Typ 0.5.928.206 121 437 1st Machinery Auctions are offering various Machines from Various UK Sites. ATURED Please see each lot for details. Online Auction Date: Thursday 12<sup>th</sup> May 2016 – 3pm BST. Viewing Dates: Appointment only Call us for more details: 02476 992205 info@1stmachineryauctions.com May 12th HAAS VF-0E Vertical Machining Centre (1995) LVD LASER HELIUS 2513 Mazak QT8N CNC Lathe (1995) Chiron FZ18L (2002) Harrison Alpha 330T (2002) Everising NC-460 HA fully automatic Bandsaw (2006) Mitutoyo Crystal Apex C 574 CNC CMM (2003) • WMW SA6 Erfurt Speedy Grind Brierley Tool & Cutter Grinder Cylindrical Grinder Rambaudi Versamill • Bridgeport Turret Mill Mitutoyo Manual B231 CMM Agiecut D100 EDM Machine Parkson Horizontal • Eaton Leonard CNC Tube Bender Milling Machine Compair Compressor JONES AND SHIPMAN 1076 • ITP CMM 10 x 25" Cylindrical grinder CE Johannson CMM Hyster 8 Ton Forklift Machine Vices (x3) Progress Drill Brixworth Engineering Press mecatome T355 Steel Top Engineers bench 36 " x 84" x 60" high Automatic Cutting Machine Denner Kelford Grinding Ltd, a 1st Machinery Auctions are offering two Sunnen Speed Honing machines and various other Sunnen Inspection Equipment located in Solihull. Kelford

universal precision grinders company, has this High Quality CNC Universal Grinder available for sale due to Please see each lot for details Online Auction Date: Thursday 19<sup>th</sup> May 2016 – 3pm BST. Call us for more details: 02476 992205 or email info@1stmachineryauctions.com VUNIN SI restructuring and further investment. 2013 CNC versal Gris Online Auction Date: Thursday 19<sup>th</sup> May 2016 – 3pm BST. Location: Birmingham. Viewing: Appointment only. 2006 Sunnen ML-2000 Sunnen MBB 1660 Sunnen Precision PG Speed Honer Bore & Hole Gages Speed Honer - Low Hours Jones & Shipman Suprema 1000M Easy CNC Universal Grinder (2013) 52 Set of Sunnen Finger Gage Units Sunnen Gage Setting Fixture (x2)

1ST MACHINERY AUCTIONS LTD, PO BOX 5297, COVENTRY CV6 9HF CALL: 02476 992205 EMAIL: INFO@1STMACHINERYAUCTIONS.COM

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(2) 6.1" GIDDINGS & LEWIS PT 1800 CNC Horizontal Boring Mills as New as 2007
6.3" VANGUARD CNC Horizontal Boring Mill, mfg.2008
(4) 6" GIDDINGS & LEWIS G60-TX Horizontal Boring Mills

ALOTBOO

 (4) 6" GIDDINGS & LEWIS 70-H6-T CNC Horizontal Boring Mills
 7" GIDDINGS & LEWIS H70T CNC Horizontal Boring Mill
 (2) 5" GIDDINGS & LEWIS PC 50 CNC Horizontal Boring

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# **Online Auction Sale**

CNC Lathes & Machining Centres no longer required by i-Tek Engineering Ltd



• Mazak Integrex E Tower E410H II x 3000 Millturn CNC Lathe with Mazatrol Matrix Control, 40 Station ATC, 400mm dia SMW Chuck, Tailstock, Swarf Conveyor, SMW SLU4 - 245mm Hydraulic Steady, Max. Machining Diameter: 610mm, Max. Machining Length: 3000mm (2007)

- Mazak Nexus HCN 6800-II Twin Pallet Horizontal Machining Centre with Matrix CNC Control, Pallet Size 630mm x 630mm, 1 Degree Indexing, 43 Station ATC, CAT 50 Spindle Taper, Axis Travels X = 1050mm, Y =1050mm, Z = 980mm (2007)
- Mazak Quick Turn Smart 350 CNC Lathe with Mazatrol CNC Smart Control, 12 Station Turret, 15" dia Kitagawa Chuck, Spindle Bore 102mm, Tool Eye, Tailstock, Swarf Conveyor (2014—installed 2015)

• Mazak Variaxis 730-5X Twin Pallet Vertical Machining Centre with Mazatrol 640M- 5X CNC Control, Pallet Size: 500mm x 500mm, 80 Station ATC, CAT 50 Spindle Taper, Axis Travels X = 730mm, Y = 850mm, Z = 560mm (2005)



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







**Online Auction Sale** Cottrill<sup>T</sup>Co. **CNC, Conventional Machine Tools & Associated Equipment** WORLDWIDE ASSET DISPOSAL formerly used by Marine let Power Ltd available due to Relocation <u>Bid</u>ding Ends: Wednesday 18th May 2016 at 3.00pm (UK Time) Viewing by Appointment only

Okuma MX-50HB Twin Pallet Horizontal Machining Centre with OSP7000M Control Makino MC65 Multi Pallet Horizontal Machining Centre

- Haking MCS3 Multi Palet Horizontal Machining Centre with Fanue 6M Control Hardinge T65-L CNC Lathe with GE Fanue 18-T Control Hardinge T51 CNC Lathe with Fanue OT Control Takisawa TC3 CNC Lathe with Fanue OT Control Zeiss Co-ordinate Measuring Machine Determined to the control

- Brierley ZB32 Drill Point Grinder Dust Extraction Unit Delapena Nodding Head Honing Machine
- Herbert 3-Spindle Drill Herbert Twin Spindle Drill Pollard 150A/1 Pillar Drill

- ·(2) SIP 32mm Floor Mounted Drills

Progress Floor Mounted Drill Elliot 16 Drill on Stand Herbert Flash Tapper Tapping Machine Hare AM300 Bench Mounted Press Rotajet D24PPD Twin Station Wash Unit (2004) Rotajet Hot Wash Plant (2005) BTD Balancing Machine Nikkon V-16 Profile Projector Cuyson RSB 800 Vacuum Blast Cabinet
 Tricool Chiller (2006)
 (2) Boge S20-2 Air Compressors (2004)
 Domnick Hunter Dryer
 Cool Technology Receiver
 Crane Services 3.2 Ton Overhead Crane Demag & Morris Hoists - 125kg to 500kg

Rolatruck 100kg Electronic Pedestrian Fork Lift Rotareach Model RR Narrow Isle Lift Truck Escalift 182 Narrow Isle Electric Lift Truck Electric Pedestrian Fork Lift Truck Clarke Strong Arm Garage Press · Plus Other Items





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## HIGH QUALITY USED MACHINES







VERTICAL BORER SCHIESS 3/2 VKE 420/900 Diam 9000 mm! Table diam 4.200 mm, Max. Swing 9.000 mm, Table load 90 Tons. Max. Turning height 3.600 mm.



STANKO 1563 CNC VERTICAL BORER WITH SIEMENS 840D 5 axes CNC controlled, with C-axes 360.000 degrees for positioning, one CNC-Support with live spindle, 28 kW, cooling through spindle, one CNC-support for turning. Table diam. 6300 mm. Max swing 6.500 mm. Working height 3.200 mm. Table load 160 tons. Main Motor 125 kW. Machine installed unused and modernized 2004-5.

#### CNC FLOOR-TYPE BORING MACHINE PAMA SPEEDRAM 2000

with Control HEIDENHEIN TNC 530 7 axis, PAMA TH 65 Rotary-Table, **Right Angle Head TS** 50-144, Universal Head TW 2-30 AC/2, Pickupstation for head. Renishaw RMP 60 Measuring Probe. ATC 120. X-20.000 / Y-5.000 / Z-1.200 / W 1.000 mm. Spindle diam. 160 mm / ISO 50 / 3.500 rpm/ 60 kW. Rotary table 4.000 x 4.000 mm/ 65 Tons. New 2010.

#### GIANA GGTRONIC 3000 TRIPLE X 1350 X 12000 CNC TURNING, MILLING AND INTERNAL TURNING LATHE

with SIEMENS 840 DE, Solution line, CPU 50, Windows XP. The GIANA can machine cylinders and complex components up to 2.600 mm in diameter, 12.000 mm in length and internal turning to a depth of 2.000 mm. New 2011.