

Our NEW comprehensive range of machinery, accessories and tooling – UNIQUE in its entirety – for:

- Fabricators
- Service Centres
- Manufacturers
- Processors
- Distributors
- Stockholders



Plasma Cutting



Pipe Cutting



Profile Cutting



Dome Cutting



Your Partner for Cutting & Automation

Setting standards for the future



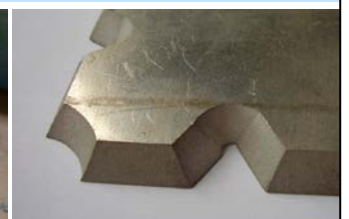
Elbow Cutting



Laser Cutting



Oxyfuel Cutting



Waterjet Cutting



PLASMA CUTTING MACHINES

The MG series is MicroStep's top class CNC cutting machine suitable for long-term industrial use, meeting the highest requirements for precision, performance and ease of operation. MG machines provide a wide variety of applications: bevel cutting with plasma and oxyfuel, pipe, profile, dome or elbow cutting, drilling with automatic tool exchange, plate positioning with laser sensor or a CCD camera, inkjet or micro percussion marking. A special heightened version of gantry enables oxyfuel cutting up to 250 mm.

Some features offered by MicroStep

- 3D plasma rotator
- Automatic Calibration of Tool Geometry (ACTG)
- Intelligent Torch Holder (ITH)
- Additional Beveling Process (ABP)
- Adaptive Bevel Compensation (ABC)
- True bevel cutting
- True hole cutting
- Self-Teaching Height Control (STHC)
- Automatic plate alignment
- Scanner, CCD camera
- And more ...



Rotator



Drilling and Tapping



Tilting



ACTG



ABP Scanner



CCD Camera



MicroPunch



Automatic Alignment

Already nearly 2000 MicroStep Machines installed worldwide



WACKER NEUSON

KONEGRANES



BOSCH

CATERPILLAR

LÜRSSEN

FFB Feldbinder
Spezialfahrzeugwerke GmbH

klöckner



Since 1919, The GEKA Group has been manufacturing ironworkers for angle, plates, and profiles - for structural steel, plate fabrication, metal workshops, metal constructions, telecommunication, electricity towers, and generally all that is related with civil and industrial construction. Their range of solutions is intended to cover all your needs in the steel fabrication business. Discover how GEKA can help you to improve your productivity and results.

CNC Machines



Ironworkers



Tools



Geka's NEW Bendicrop Series and Laser Positioner

Metal fabricators and construction companies often have to perform simple bending operations. GEKA has developed the **Bendicrop Series** which, in addition to the cutting, punching and notching stations, holds a permanently fitted bending station.



The **Laser Positioner** integrates 2 linear lasers into the punching stripper that cross in the middle of the die-punch. Therefore, you can lay the piece easily just by placing the punching point exactly where the lines cross

Alfa 500/150

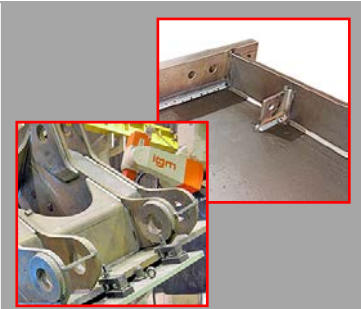


The ALFA product line is designed for automated punching, marking and shearing of flat bars and angles. This yields a final product in one single process, significantly increasing productivity, maximizing efficiency, and dramatically reducing cost and downtime. ALFA is the ideal choice for steel truss construction, bridge building, manufacturing of electric power transmission equipment, steel fabricators, marine metal fabrication and for high-volume flat bar processing.

igm Unique welding solutions



igm offer complex customized solutions for automated welding and cutting processes. The product variety for individual applications in the area of robot welding technology is unique throughout the world. With over 30 years' experience in the development of welding robots and in the planning of customer-specific welding production units, they offer an extensive range of system modules.





Sixty years ago **DANOBAT** manufactured its first machine. Today DANOBAT Band Sawing Machines do not simply make band saws, but innovate in the field of machine tools. DANOBAT's strategy is to offer custom solutions for sawing applications with a high complexity on high-tech products. The aerospace, automotive, rail, industrial resources, wind, oil and outsourcing workshops are the main trading sectors of DANOBAT Band Sawing Machines.

Special Application Band Saws

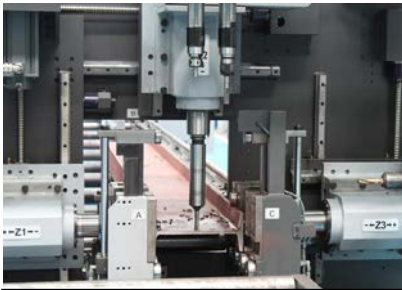


for sampling & cutting up mining tyres to facilitate disposal

Production Billet Saws



High performance production band saws



Mitre cutting band saws have been developed to obtain the best performance of productivity and blade-life for the structural steel industry.

Drilling machines DANOBAT, T3CH, are automatic drilling machines with three spindles and a fully automatic tool changer system on each drill head.



Cost effective drilling and sawing

Driven by strong demand for cost-effective and high-quality band saws and drilling machines, Bomar developed a whole range of band for structural applications complete with control systems and handling equipment.

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System Solutions to Optimise Production



Multifunctional billet handling & storage systems for residual billets, quality control, scrap reduction, welding.....

Conveyor systems in different designs for piece goods such as pallets, totes, cartons, workpiece carriers, skids or for work pieces, parts & goods.



Some SPS Technik references include



NSW: 02 9427 7848

VIC: 03 9729 3929

QLD: 0422 853 745

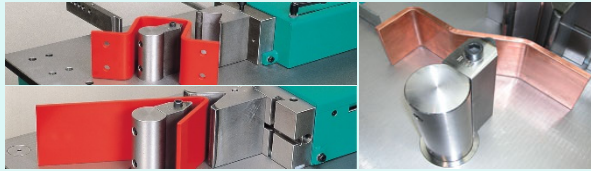
WA: 0458 624 467

Stierli-Bieger

Developing & manufacturing world-leading horizontal bending & straightening machines, turning devices & storage systems since 1936.

Bending Machines

Standard tools and special tools allow a variety of bending & forming options in a single operation increasing productivity. Control options range from manual control to fully controlled NC/CNC bending machines.



Straightening and Cambering Machines

The straightening presses are designed for bending and cambering of open profiles. Available in 220, 330, 440 and 660 (600) ton versions, the horizontal design allows large beams to be handled with ease. Long stroke and lowering support rollers allow sections to be worked vertically. The inching and automatic programs and the dressing function can be activated by a remote hand control or a foot pedal. Working power is maintained throughout the stroke length with continuous maximum working speed and the heavy duty hydraulic cylinder is maintenance free.



Rotate and swing without a crane!

- 360° Turning of heavy Profiles, Beams and welded constructions without a crane.
- Welding and working at every position
- Bi directional & adjustable working height
- Simple to operate
- Mobile system
- Different sizes – Different loading capacities
- Earth connection integrated
- Increase your safety
- Reduce unproductive waiting times waiting for the crane- if you need to turn a heavy profile you can turn it whenever you want
- The ROTATOR can be integrated in a BEAM LINE
- Can be combined with an automatic welding robot

Coolant

ProTube stocks a wide range of coolants for different applications. These coolants are of the **highest quality**, leading to better **efficiency** and **lower overall cost**.

Biobalanced Coolant:

- Includes good bacteria to work as a biological protection against emulsion destroying pathogens.
- No need for biocides!
- Low pH
- Free of secondary amines and nitrite

Biostatic Coolant:

- Long term stability
- Nano technology for superior cooling, tool life, and surface finish
- Excellent performance on cast metals
- Excellent biological control and corrosion protection

Biodegradable, water-soluble welding agent and release agents

- Welding Protection 450K – concentrate or premixed

Bevelling and Deburring Machines

ProTube electric bevelling machines are capable of working against both straight and curved edges. They are ideal for bevelling both plate and pipes and are available with power ratings up to 2600W.

Pneumatic and electric deburring machines are also available and are ideal for small internal contours including holes, slots, and cut outs, not reachable by most other machines.



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