

Product Catalogue

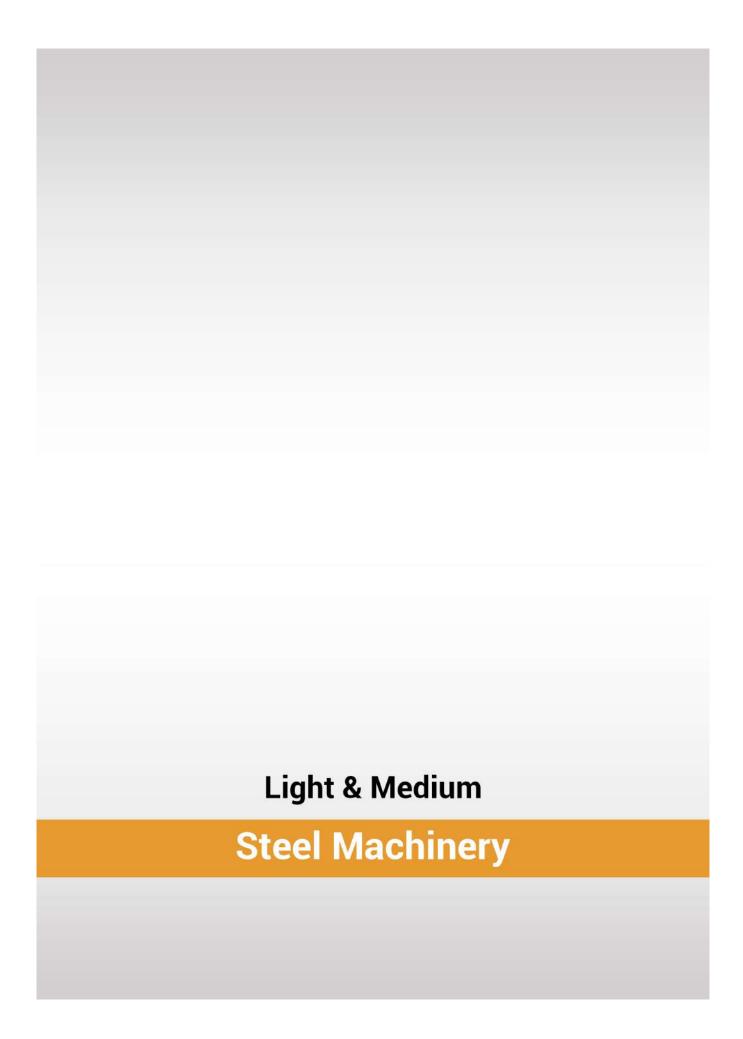
Steel Machinery

2018













Features

High quality German made product which filter harmful

Anti-spatter table surface

Available in 2 versions

Version 28-for medium and heavy duty applications

Version 16-for light duty applications

Various accessories to met various complex job demands



Advantages

Time Savings

Quick measuring & Positioning

Improved Production

Fast & Quick fixturing

Reusable Fixtures

Flexible modular fixtures that are expandable

Precision, Resistance to Welding spatters



Optrel from Switzerland is working on the evolution of the perfect eye protection for several fields of the industry. As a leader in technology they have developed numerous innovations like the ADF with true color view, welding helmets with light state shade level 2.5 or the first autopilot for welders. Optrel is making its users work as easy and comfortable as possible.

Optrel products can be broadly classified as products for Eye protection & Respiratory protection. We keep a wide range of Auto darkening, helmets on stock and are available for demo / testing.







Plymovent from Netherlands is a global leading supplier of products, systems and services for the extraction and filtration of polluted indoor air. Plymovent provides high quality solutions that extract welding fumes including, cutting fumes, grinding dust and oil mist in the metalworking industry.

The product range includes Downdraft tables, Extraction arms & Hoods, Weld fume extractors mobile, Wall mounted / stationary weld fume extractors, Fans, control equipment, Multiple arm systems, Push Pull systems, Diluter systems, Shield fire safety systems. The mobile welding fume extractors are compatible with the Plymovent extraction arms. All mobile units provide increased flexibility. It makes welding at various workplaces and locations possible, where a fixed, stationary installation cannot operate.





These welding curtains provide excellent filters against harmful welding light and also offer protection against irritating (not harmful) welding light. A good view of the work area increasing the safety of the welder.



Features

Offers a large range of welding light filtration products

All products approved according to the European EN-1598 standard and are regularly retested and re-certified.

Customers are always assured of obtaining a safe product



Advantages

Filtration of harmful UV

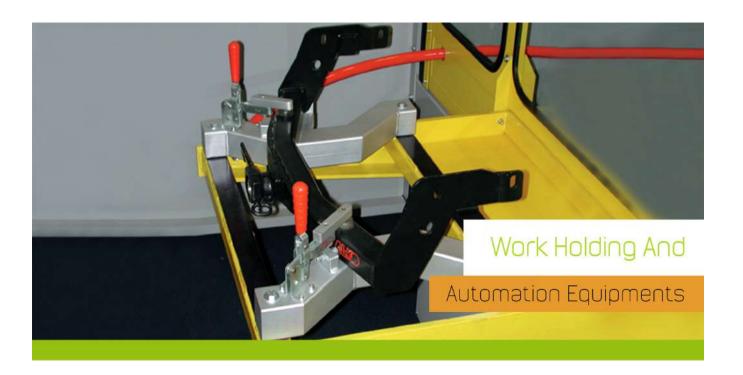
Prevents actinic conjunctivitis

Create a safe environment for bystanders

Reduced health hazards

Increased efficiency

Good appearance of the job shop





Features

Quick clamping

Secure holding

High clamping forces in a variety of space requirements

Distortion-free clamping of the work piece

Good accessibility to the work piece

innovative material handling tools for any application

Advantages

Simple to use

Easy to work with

Improved accuracy

Increased production efficiency

Various models available for various applications.



We have various tools to save your time & do your weld related jobs in a better way.



























Tool storage, movement used to find low priorities earlier in our region. Not any more, as industries are realizing the importance of storing the tools easily, safely and in an organized manner. The amount of time and money these systems can save is big, plus it turns the shop floor into a smart work area. Our partners Apfel manufactures a wide range of products in this direction, from Tool storage cabinets, LTL Tool towers, Storage cabinets, Work stations, workshop trolleys, Kanban Shelf cabinets, transport wagons and smart metal scrap boxes.









We have a wide range of portable hydraulic punching machines for punching holes and slots on steel. The range includes various models with varying capacities and throat opening for meeting different punching needs.

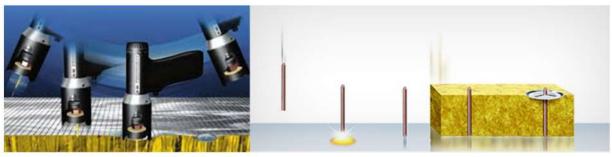




HBS is renowned for their top quality stud welding machines. They manufacture complete range of machines for varying process like CD , Drawn Arc, insulation pin , MARC process etc. Apart from that, HBS also manufactures complete programmable Stud Welding machines. HBS has also launched battery powered CD machines and Drawn arc models that can work on single phase.

Different Models for Different Applications







Jurado specializes in the manufacturing of Clinching machines using a patented and original method known as cold milling or welding. All of our products offer a wide range of applications and application areas are numerous: household appliances, metal furniture, ventilation systems, automotive industry, industrial furnaces for painting. Thanks to the flexibility of their clinching machines, in all cases where there is a need to join metal sheets, Jurado works best.

Features

More profit since there is no waste material.

Low energy consumption.

Cycle time as low as 1 second.

Can be operated both manually and automatically.

The machines are very compact & handy.

Quality control of the assembly quickly executable and with straightforward tools.

Allows the union of different material types between them and pre painted or plastic coated materials as well as aluminum.

Advantages

It does not damage the coating.

Fine aesthetic quality of the point.

Resistance to corrosion.

Longer tool life.

Low maintenance costs.

Does not involve the emission of fumes or sparks.

Compatible with adhesives interposed between the plates.





































EBS Ink-Jet Systems researches, develops and manufactures high-performance industrial ink-jet printers and consumables and is supplier of all of these high-quality ink-jet systems. Our printers and printing systems are successfully used in a wide variety of industrial and service applications. We offer comprehensive solutions for all your product marking, labelling and coding needs. Our non- contact systems facilitate the fast printing of texts, graphic images and barcodes as well as the dating, numbering, coding and printing of data transferred from computers and external devices such as automatic scales, barcode readers and control equipment. Our print-heads comprise between 1 and 352 nozzles.

Ink-Jet Ebs 250 Handjet

Our EBS 250 HANDJET printer is the portable, manual, ultra-compact and light INK-JET printer equipped with a print-head with electromagnetic valves; it is battery operated and radio-controlled. This unique device - weighing only 980 grams – has been created to satisfy users for whom the freedom of product marking, coding and labelling in terms of place and time is the fundamental criterion.







Ink-Jet EBS-260 Handjet

EBS 260 HANDJET is a portable, handheld, ultra compact and light INK-JET printer equipped with an electromagnetic valve-based print head, a battery and wireless control.





Electric Torque Screw Driver represents wide range of electric screw drivers for torque setting, and this torque setting is important in assembly of any products. Innovative electric motor coupled with planetary gear boxes producing extremely low inertia and minimal friction for long life, and very accurate torque production.

Key Features

- An ultra-low torque range of 1-15 Ncm.
- RPM: ranges from 350-700 rpm
- DC current controlled low inertia, low voltage ironless motor
- Autos reverse setting with adjustable speed and adjustable torque.
- Adjustable Brake (slow speed) time and Adjustable Ramp (slow start) time.
- Unscrew lockout capability.

Area of Application

- Automotive industry
- Panel board manufacturing
- Assembly lines
- Electronic device manufacturing industry















Maho is specialized in manufacturing Pneumatic, Hydraulic & Electric Tapping machines and relative accessories including tap holder and quick change Tapping chuck from over 20 years.

Our Tapping machines are very easy to use, quick reach thanks to its efficient manipulator designed arms. There are different models available in all 3 versions on basis of the hole dia possible, the max reach, speed etc. The latest electric models are programmable and very good for tapping blind holes as the length can be programmed and it has auto reverse function increasing the productivity.

Our pneumatic version has different models that can tap hole dia ranging from M2 to M30. The electric version has models that can tap hole dia ranging from M3 to M32 and the hydraulic version has models that goes from M3 to M60. The models have different reach, we have various models operating within a Rmin of 200 mm to Rmax of 1900 mm. Kindly check with our sales engineer for the right model for your application.





Pipe Grinding &

Notching Machines

With the Pipe grinder, Stainless steel profiles & tubes can be machined quickly & problem-free at high speeds. And without grinding burrs or heat discoloration. The grinding rollers can be changed in only a few seconds.

The grinding belt can also be changed easily from one side of the machine. Once the profiles and tubes have been ground, they can be deburred using the handy deburring table at the top of the machine.

In industries where tubes and profiles need to be welded together at an angle of 90°, ALMI pipe notchers make the notches required for the joints extremely quickly and accurately. This applies in particular for gas, steam, stainless steel, and non-ferrous pipes and sections. ALMI pipe notchers are also ideally suited for the preparation of double corner joints. ALMI also offers a notching machine suitable for cutting out sink outflows in round and rectangular metal pipes.









The TIG Brush Stainless Steel Weld Cleaning System creates a unique combination of electricity, heat and chemistry to deliver superior results in weld cleaning and metal surface finishing. Its proprietary, conductive brush applies cleaning fluid to the work surface, producing an electro-chemical cleaning action with astoundingly fast and effective results.

All TIG Brush machines share the key benefits of Ensitech technology, including:

Unique, patented power supply: Dynamic Power Transfer™

One-step weld cleaning and passivation

Powerful, fast, high-quality weld cleaning

Superior surface protection

Safe, economical operation on single-phase power

Portable and tough design

100% duty cycle under standard conditions









Zopf is renowned worldwide for their range of machine solutions offered for profile bending. From universal section bending machines to Horizontal table type benders, zopf offers a solution to all bending needs on the shopfloor. The ring bending machine program extends from proven conventional models to designs with digital displays, hydraulic advance, and NC and CNC controls.

There are various models available from the smallest to the biggest on basis of the capacity, with a range of optional accessories to meet the bending needs.









We have non-mandrel pipe benders from MACKMA, Italy. Mackma provides one of the broadest full-line capacity ranges in the world ranging from 1" Sch.40 pipe upto 10" Sch.80 pipe, all with electric inverter leading to power saving. Machines available with Left/Right Bending with One Die-same tooling setup; Cantilevered Head for Under-head Bending. Minimal Distance between Bends and adaptation to accept other manufacturer's bend dies make our non-mandrel pipe benders all users favourite.

















Plate Edge Chamfering and

Decladding Machines

Omca manufactures edge preparation machines for common structural steel, stainless steel, cast iron, hard plastic, non-ferrous metals and other materials. Apart from that we also have Decladding machines available.



Highlights

Motorized travel on bigger models

Cutter using standard inserts, user has to change the inserts which are easily available and cheap

Different models to do downside chamfer, J bevel from the up side as well as J bevel from downside

Strongly built, highly durable and reliable performance



Advantages

Fast and smooth operation

Ease of working

Best quality edges

Complex bevel forms

Cold process suiting special metals



With over 20 years' experience, GERIMA has established itself as one of the leading technology partner in the field of beveling technology. They have a wide variety of high quality portable beveling and grinding machines.

















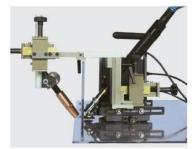


Welding Carriages

Portable welding carriages assist the professional welder in maintaining a safe and high quality weld. Sometimes referred to as semi-automation, the portable welding carriages make welding easier for the welder because the torch movement is now mechanized and controlled. This allows the welder to concentrate on the weld parameters and bead creation avoiding uncomfortable positions, weld heat & fumes, while manually welding. By maintaining a consistent torch tip distance, the arc voltage remains the same. Speed controls maintain an even weld bead and penetration; this reduces over-welding and, in turn, reduces costs.

There are different models of welding carriages available to suit the welding application. We have machines which comes on tracks and without tracks. Tracks can be flexible suiting to the job curvature.

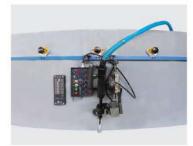


















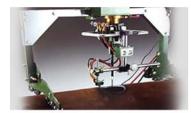
















FEATURES

Available from 4 tonnes to 40 tonnes capacity

Accessibility loading and unloading of raw material

Increased safety

Independent workstation

Great flexibility

ADVANTAGES

Increases productivity

Increases autonomy of the workers

Reduces energy consumption

Reduces the usage of high tonnage means of cargo.







Manipulators are singularly the most versatile pieces of equipment directly associated with automatic welding. They can be designed to duplicate the same procedure without variation as well as weld sequentially different procedures on the same weldment.



Positioners

It consists of a work table with necessary provision for rotating it around its own axis by 360 degrees as well as tilting it, so that the work held on it can be positioned for required working angles for better weld and convenience.

The rotation of work table is clockwise or anti-clockwise.

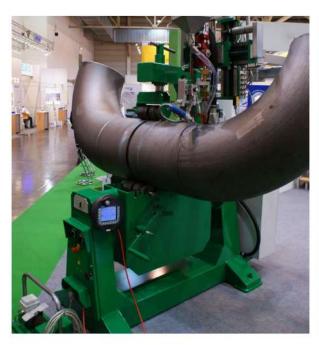


Rotators

The self-adjusting welding rotators are designed for heavy duty rotating and positioning works. These machines create an added value to your processing and move your manufacturing to a top level



Pipe Rotators are used for clamping, rotating, and tilting of pipes with round profiles in manual and automatic welding, mainly in the field of pipe construction (prefabrication and assembly on site) and central heating construction.









Pipe cutting machines of the SCM range are used for pipe cutting and profiling in the workshop as well as on site. The SCM machines are equipped with two PLC-controlled axis which enables the machine to cut pipes in conjunction with a plasma or oxy-fuel torch. The work piece is clamped by a driven chuck (axis1), then the torch is moved over the pipe (axis2). Optional, a third controlled axis can be added to enable the machine to bevel end cuts (straight, miter and branches). All programming is menu-driven; the machine is therefore easy to operate.









Pipe Alignment Trolley (PAT) is a mobile positioner, combining jig action and clamping for all pipe configurations from 3" to 16" and for all industrial sectors. It is a time-saving and labour-saving alternative to traditional pipe clamps.

We have also transformed the process of pipe fabricating by developing the Pipe Fitting Center Finder, a first in pipe alignment. A unique tool for marking the center line of pipes and fittings, including the eccentric reducer, which has been difficult for pipe fitters over the years. The Pipe Fitting Center Finder makes the task quicker and more accurate. By introducing the Pipe Alignment Vice alongside the Pipe Fitting Center Finder , productivity will increase in every fabrication shop.



















CIRCLE BURNERS OXY-FUEL

CWI manufatures oxy-fuel circle burners which are used burn holes on the pressure vessels / pipes .Rb-2500 circle burner - is self-supprting with a manually operated magnetic base, and may be moved around. The torch movement is controlled by a mechanical cam allowing it to adjust to the curvature of the vessel. The machine can cut diameters from 1 ½" to 42" beveled cut holes and 4" to 42" square cut holes (streight no bevel).

NOZZLE WELDERS

We have two models covering a range from 1" to 50" od with rise & fall cam action to follow the curvature of a vessel or pipe. The machine can work with welding process like MIG, FCAW and SAW.

The machine are equiped with mters, torche angle adjustors, flux hopper w/gate valve, heavy duty horizontal and vertical adjestment wire reel assy.(rw-1500 12" apools and rw-2000 - 60lb coils).

Rotation controls are solid state and provide clockwise and counter-clockwise rotation.

Model rw-1500 circle welder rated at 500 amps 100% duty cycle welding fia 4" to 18" (25 to 457mm) od. wire sizes .035 to 5/64 (.8 to 2mm) on 12" od spools

Model rw-2000 circle welder rated at 700 amps 100% duty cycle. Welding dia. 4" to 18" (25 to 457mm) od, wire sizes 1/16 to 5/32 (1.6 to 4.0 mm) on 60 lb coils

The 3-jaw spider chucks are design for use with Nozzle Welders RW-1500 and RW-2000 to help eliminate set up time by automatically centering the Nozzle Welder on the nozzle. By simply dropping the chuck into the nozzle, expanding the arms out, bolting the machine to the chuck, and then timing the cam you are ready to weld. The are three sizes of 3-Jaw Spider Chuck medels available, 8" to 16", 10" to 24" and 10" to 42"









We have a range of Portable bandsaws, best quality, economical models. The machines come with optional features to suit to your needs. The smaller models are easier to carry and can be used in the factory as well as at site. From basic models to completely automatic models. Depending on your job requirements, the functionality of the model can be selected discussing with our product experts.











Our partner MEGA machines has been specializing in producing and serving customers with bandsaw machine, NC circular saw machine, thread rolling machine from the '80s.

MEGA manufacturers Pivot type Bandsaws, H series Column type, Circular saw, Thread rolling machines, CNC worm & thread grinding machine. The Pivot type bandsaws comes in 3 versions which are Fully Automatic, Semi Automatic and Mitre cutting machines. There are various models available defined on basis of the cutting capacity and features. The Column type also comes in Full Auto, Semi Auto, ingot billet cutting, NC type, Miter cutting and also has a special model for cutting heat exchanger tube bundles.

Circular saws from MEGA are renowned worldwide for their build quality and performance. High speed precision cutting with an almost ground finish surface and excellent repeatability has been made possible by numeric control, servo motor feeding cut-off and bar feed, and vastly improved carbide saw blade.

MEGA also manufactures a wide range of through feed & in feed hydraulic heavy duty thread rolling machines in effect a cold forging process and forms the fibers of the metal instead of cutting it.









3 Axis & Head And Tailstock

Positioners

With Positioners you can have your individual working position specifically designed for assembling and welding operations. Positioners are often combined with a manipulator to produce a work cell for high quality, efficient, automated welding applications. They feature heavy duty integral tilt gear to ensure smooth turning and tilting







Features

Unique 3 Axes movement: elevation, rotation, tilting

Strong & stable design

Comfortable positioning

Variable speed of rotation

Strong & stable design

Guaranteed safety to European standards

Advantages

The operator can work in safe and ergonomic position

Saves time

Ease of operation

Operator can manipulate & position the job all by himself

Improved weld quality

Safer and more ergonomic environment



NS is a specialized manufacturer of machines for the metal finishing and polishing industry NS has following products in their portfolio:

- ☑ Round Tube finishing machines
- Flat bar & Rectangular tube finishing machines
- ☑ Deburring& Edge Rounding machines
- ☑ Long belt finishing
- Mirror polishing machines
- Multipurpose machines







Wieland's vacuum systems cater to almost all industries like construction, power plants, plastics, printing, agricultural, metal working, wood, foundry, etc. handling all industrial wastes such as sand, gravel, dust, metal chips, foundry wastes, explosive materials and the like. These machines can be used for both dry and wet materials.

The Product range comprises of INDUSTRIAL VACUUM CLEANERS, STATIONARY VACUUM UNITS AND DUST EXTRACTION UNITS and MOBILE VACUUM UNITS.

The industrial vacuum cleaners are designed to handle dust classes L, M and H and B 22. The portable vacuum cleaner comes in various capacities starting from 2.2 KW to 20 KW and is available in single phase and three phase power options.











Plymovent manufactures vehicle exhaust extraction systems which ensure clean air in the work environment of vehicle mechanics and fire fighters.

Diesel engines, used in fire trucks, produce a mixture of toxic gases and particulates from the combustion process. These hazardous vehicle exhaust emissions in a fire station are one of a firefighter's most significant cancer health risk and a serious legal liability for the fire department. It is essential to create healthy and safe working conditions by reducing these risks. Protective measures are an important aspect of this.

Eliminate this hazard from your fire station with our vehicle exhaust capture and removal systems. From existing stations to new design-built, our totally automatic start-up and disconnect source capture systems are the recommended method for controlling exhaust emissions in your station.

Our systems are used by Bus / Truck repair shops, Car Garages, Fire & Emergency stations, Military facilities etc.









STANDARD SIGNALING TAPE

The markings are often required in industry in order to address the issues of security and readability of the workplace.

This tape in high strength vinyl for pedestrian traffic and regular machine is easily mounted on reel.

It allows to create lines. Interior in industrial and commercial buildings

With its colors ISO standard, it enables in particular:

- identification of parts and machines
- a pipe tracking.

Durastripe Safety Signs



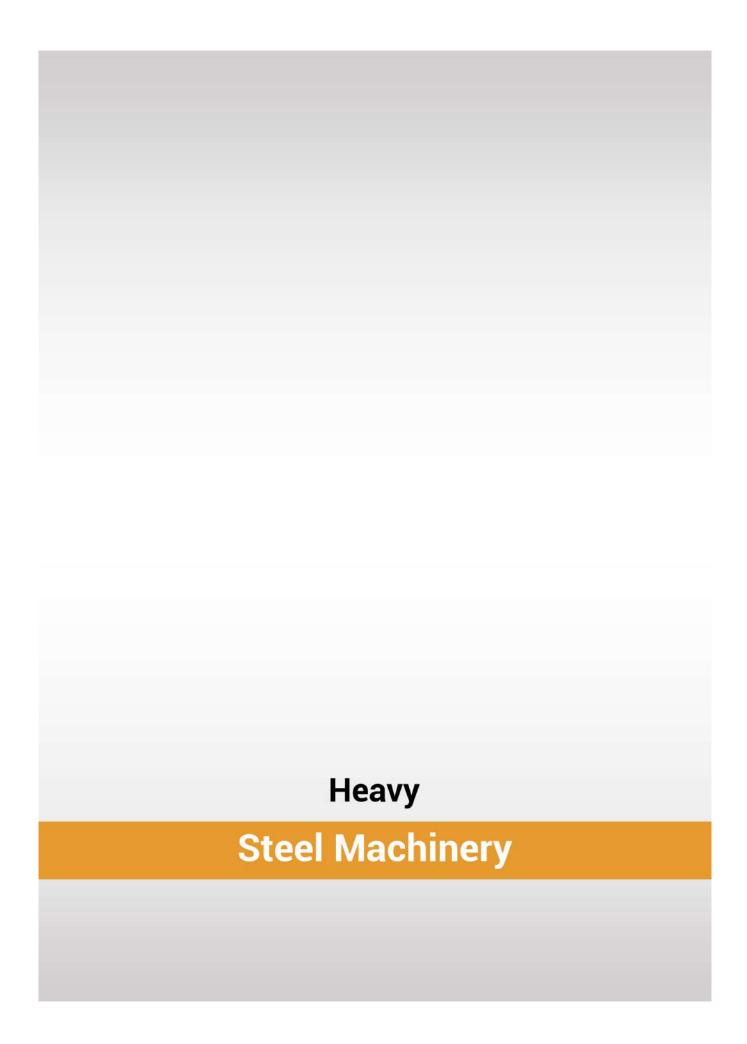




















Features

Various models available

CNC joint plate drilling comes with single and double spindle options

CNC cutting machines to customer requirements

Uses all quality components from reputed brands

Advantages

Economical machines

Increased production efficiency

Ease of operation

Supported and serviced by trained technicians



Adira is one of the leading manufacture and global supplier of sheet metal working machinery, specialized in the production of hydraulic, electric and hybrid Press Brakes, Laser cutting machines, Shears, robotized bending cells and automatic sheet metal transforming systems. A vast portfolio of press brakes, targeting all the common bending needs as well as specific custom-tailored bending projects. ADIRA provides robotized bending cells and fully-customized solutions to suit all your bending needs. Also we have a vast portfolio of shears for a wide range of thicknesses and sheet sizes, targeting all the cutting needs. Swing cut and vertical cut shears, stand-alone or combined with an automatism for improving performance.

The portfolio includes:

The entry-level multipurpose SM line
The versatile swing cut GH portfolio
The oversized vertical cut GV range.







CIDAN Machinery manufactures Cut To Length machines that are so easy to use, that programming and operation can be done by non-skilled operators. Our Cut To Length machines is an "all in one" unit with no limit in working length. Standard features on CIDAN Machinery's Cut To Length machines are; straightening unit, sheet guide for in-feed, guillotine shear with hold down beam and double edged blades, feeding unit, LineLink control system and foot pedal for remote feeding as standard. These machines are perfect in the production since they take up little space. Decoilers also known as uncoilers, are designed and engineered by CIDAN Machinery for a smooth efficient unreeling of coil material into a cut to length line with a load capacity up to 10 ton. CIDAN Machinery's collection of decoilers is manufactured in various sizes for different coil loads. Our decoilers cater to nearly the entire market of sheet metal working, with a maximum width of 1550 mm which are universal and adapted to all kinds of coil widths.



Shearing machines from CIDAN Machinery cuts steel and other materials with high accuracy. It is engineered to perform high quality cuts with a high number of cuts per minute. Our shearing machines have low maintenance and operational costs and they are environmentally friendly and flexible to use in production. Cutting lengths range from 1350 mm to 4050 mm and possess a cutting capacity of up to 4.5 mm. Among the available options you will find sheet supports, pneumatic hold down beam, safety guards, adjustable squaring arm and table extension.



These high precision Cidan CNC folders are manufactured in Sweden to high standards. These extremely versatile machines are ideally suited to high volume sheet metal production, with the vast majority of folds being performed using the standard bending tools. CNC folders particularly lend themselves to the folding of small flanges on large sheets as the bulk of the component is positioned flat on the back gauge; this also facilitates material handling by just one operator. CIDAN power folders being electric models offer significant energy savings in comparison to the typical hydraulic folding machine as they only draw power when actually working.

Advantages

Low construction height

Long life span

Relative cheap

Light of weight

Simple to install

Can transfer high forces

No lubricants are needed, so no fear for oil smudging









Features

automated storage and retrieval system

Reliable and economical solutions to their storage facilities, material transportation and handling needs.

Dense storage, fast pick-up and delivery, and quiet operation



Advantages

Saves a lot of time

Help storing the sheets safely

Easy recall of the stored items as per need

Effective utilization of available shop floor space

Ease of operation

Convenience to the operator.



Vacuum lifters guarantee the gentle handling of goods of different materials like wood, glass, stone, metal or plastic. Flat, convex and concave shapes with smooth or porous surfaces can be safely, effortlessly and gently transported with the appropriate vacuum lifter.



Highlights

We represent FEZER, Germany, a company with a history of almost 90 years

Various products & solutions available for varying demands of the jobs in the industry.

Applications from lifting the smallest weights to lifting the heaviest are met by Fezer



Advantages

Reduced times for handling tasks

Gripping of the products without damage

Easy and ergonomic operation

One person can carry out all lifting and transport operations without assistance

High degree of safety due to two redundant vacuum circuits and integrated power failure monitor



Parmigiani Machine is a world leader company in the production of high-quality angle and section bending machines, Plate rolling machines, portal frame hydraulic presses and tank heads flanging machines. A family owned company since inception, Parmigiani from more than 85 years have been building plate and section bending rolls. The result of more than 85 years of continuity is a product based on the experience and the unique know-how of three generations. Research and Development together with production design and build machines with the highest standards of reliability and high precision long time lasting, even under heavy duty working conditions. The standardisation of the main structural parts and the sophisticated production techniques allows Parmigiani to offer a complete line of standard machines at competitive prices reaching the maximum standards in affordability and quality. Even in the heavy duty machines PARMIGIANI has worldwide references, some of the biggest plate and section bending machines have been built in their plant.

Purchasing a PARMIGIANI machine is without doubt a good investment: heavy machines technologically advanced, maintaining a strong value during the years.







We welcome you to visit our **Demo Center**

We enjoy providing a solution not just a machine . Understanding your needs, finding and recommending the best solution is what we do best. Seeing a product demo helps you to understand the product better, gives you the confidence on what you are looking at for your factory. We have a demo center available at Hamriyah free zone, where our most in demand products are displayed, all connected & ready to go.

We are located at Hamriyah Freezone – Phase I, OFFICE NO. 1K-11/1.





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