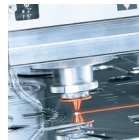
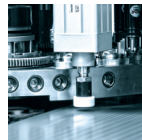
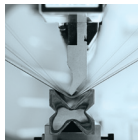


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ERMAKSAN
METAL FABRICATING MACHINERY

Innovative**Technologies.**

Product overview.



03	About ERMAKSAN		
	Laser Technology	24	Punch Press
04	Fibermak Momentum Gen-2	26	ETP
06	Lasermak	28	RPP
		30	CPP
	Plasma Technology		FPP
08	EPL Plasma	32	Shear
		34	HVR
	Press Brake	36	HGD
10	New Evo II	38	HGS
12	Speed-Bend	40	GMR
14	Power-Bend Pro	42	EKN-6
16	Eco-Bend		EKM
18	Micro-Bend	44	After Sales
	Heavy Duty Press Brake	46	Second Machine
20	Heavy Duty		
22	Tandem		



Optional equipment is shown on machines in this catalogue.



ERMAKSAN is well known for productive and result oriented research & development activities as well as affordable high-tech products in the fabricating industry. With 48 years of manufacturing experience ERMAKSAN continuously invests in the latest technology and its human resources.

ERMAKSAN manufactures 3000 machines annually with 700 qualified staff in a fully modernized 80.000 sqm factory equipped with state-of-art machinery. ERMAKSAN exports 80% of its production through agents under the brand ERMAK from Canada to New Zealand, in more than 70 countries in the world. It also provides full technical support and has done since 1965.

By purchasing ERMAK machines, you will be investing in your future. With this decision we promise to deliver the machine which will suit your needs and provide the best purchasing experience by means of price, delivery, quality, training and after-sales technical support.



For more information scan the QR code.



Fibermak momentum Gen-2

Fiber Laser Cutting Machine.

Prepare to meet the New Fibermak!

Brand new stunning design, improved ergonomics for optimised work flow, flawless cut quality, high efficiency and high cutting capacity, we proudly introduce the new Fibermak.



For more information scan the QR code.

Customer benefits

- 70% energy saving and high productivity.
- 3 times faster thin material cutting.
- Low investment costs.
- Ergonomic details.
- Fly-cut technology.
- Flexibility to cut different types of material.
- 2-3 times more part cutting with 24 hours mass production.
- Lower cutting costs compared to your competitors.
- Lantek Expert Cut CAD/CAM software.
- Hundreds of machines working all around the world.
- Pipe cutting system.
- Durable choice for your precise cutting works.

Ergonomic details

The opening roof offering more access, storage cells for equipment that you need regularly, fast, ergonomic design, user-friendly 17" colour touch controller to mention just a few of the new features on the Gen 2 Fibermak.

Laser source	1 / 2 / 3 / 4 kW
Table dimensions	1,25 x 2,5 m / 1,5 x 3 m / 2 x 4 m / 2 x 6 m
Material types	Mild steel Stainless steel Aluminum Copper Brass

* Please contact us for special table size.



Lasermak

CO₂ Laser Cutting Machine.

To get perfect cutting results, Lasermak frame and components are specially machined in CNC machining centres with maximum precision. Lasermak is equipped with linear motors which is an optional specification in most cases for other brands.

The axes, moving along by strong magnets mounted on the frame, provide high speed and maximum acceleration. (Y axis 3G). This high speed and acceleration provides increased efficiency and productivity while also decreasing operational costs.

Frame and bridge are assembled by expert engineers and tested with latest high-tech measuring technology in every phase of the manufacturing process. This is the main reason square and circular cutting is performed perfectly.



Customer benefits

- Lasermak's automation eliminates human errors in production.
- You can decrease investment costs with 24 hours mass production.
- Cutting with laser you save more by not using tools and equipments.
- You can cut materials such as steel, nickel alloys, titanium, chrome, stainless steel, aluminium etc. with smooth surfaces and accurately.
- Automatic nozzle cleaning and changing.
- Durable choice for your precise cutting works.

Best choice in laser

Perfect cutting speeds with out and out innovative technologies thanks to ERMAKSAN's expert engineers developing Lasermak.

Laser source

2,5 / 4 / 6 kW

Table dimensions

1,25 x 2,5 m / 1,5 x 3 m / 2 x 4 m / 2 x 6 m

Material types

Mild steel

Stainless steel

Aluminum

* Please contact us for special table size.



EPL Plasma

Plasma Cutting Machine.

ERMAKSAN is continuing to provide wide and flexible solutions with its new plasma cutting machine. It has accurate cutting quality, advantageous low working and investment costs, it can be conveniently placed in any production line due to its flexible automation solutions.

ERMAKSAN plasma cutting machine can easily be operated and carried. It is produced using the latest production technologies and well-known worldwide standard CNC equipments.

ERMAKSAN EPL plasma cutting machine does not lose its precision over time and requires the minimum amount of maintenance and consumables, helping you to generate more profit for your company.



Customer benefits

- True Hole™ technology.
- Low investment cost.
- Maximum efficiency.
- 2-3 times more parts produced per hour.
- 15" touch screen Hypertherm® EDGE® PRO controller.
- TurboNEST® plasma generator and torch system for precise cuts.
- Hypertherm® plasma generator and torch system for accurate cuts.
- Lower cutting costs compared to your competitors.
- Hundreds of machines working all around the world.
- Easy installation and training.
- Durable choice for your precise cutting works.

Explore new dimension for your products with 5 axis EPL plasma machines

5 axis plasma cutting machine equipped with the latest True Hole™ technology produces quality cuts from the first minute cutting.

Plasma source	130 / 260 / 400 / 800 A
Table dimensions	1,5 m to 36 m
True Hole™ technology.	Yes / optional
5 axis cutting	Yes / optional

* Please contact us for special table size.



New Evo II

Hybrid Press Brake.

ERMAKSAN combining its 30 years press brake manufacturing experience with the latest technologies, presents the new generation Evolution series hybrid press brakes. Fast, silent, precise, environmentally friendly and energy saving Evolution series press brakes provide faultless bending of small parts even at different points by its high repetition and bending precision features.



Customer benefits

- The most economical with 60% more energy-saving.
- The fastest with 20 mm/sn bending speed.
- The most precise with +/- 0,01mm bending accuracy.
- The most environment friendly with 18 litre oil capacity and 5 years oil life.
- The quietest with 69 dB noise level.
- 17" 3D touch screen LCD Delem DA-66T.
- Durable choice for your precise cutting works.
- Easy installation and training.

Environment friendly

ERMAKSAN has put into service the New Evo II is its new generation hybrid press brake the most environmentally friendly machine produced to date with a 60% energy saving.

Bending force	110 Ton
Bending length	2100 / 2600 / 3100 mm
Tool clamp	Wila hydraulic
Controller	17" 3D touch screen LCD



Speed-Bend

Synchronized Hydraulic Press Brake.

ERMAKSAN appreciate that production times are key to the profit of enterprises.

Speed-Bend series is designed to enable fast high quality production in order to decrease time per unit costs in such a competitive environment.

Free-fall, bending and return speeds of Speed-Bend series press brakes are increased according to the needs of today.

The Speed-Bend series offers a twice as fast production capacity compared to conventional CNC press brakes.



Customer benefits

- High free-fall speed, high bending speed and high return speed.
- The servo press brake has the most powerful software and hardware available with its ER-90 controller.
- Motorized crowning system.
- 2 axis (X,R) backgauge system with servo motors.
- AP3 / AP4 front sheet support system.
- Durable choice for your precise cutting works.
- Easy installation and training.

Extreme production with high performance in less time

If you are looking for speed, versatility and high efficiency, the Speed-Bend press brakes series is the right choice.

Bending force	40 Ton to 600 Ton
Bending length	1270 mm to 6100 mm
Motorized crowning	Standard
4 axis	Y1, Y2, X, R / standard

* Please contact us for special size and tonnages.



Power-Bend Pro

3 Axes (R manual) CNC Press Brake.

Power-Bend Series machines have been redesigned based on users preferences and now contain unique electronic and mechanical features.

Power-Bend Pro Series is among the highest rated machines which will help you increase your productivity and keep costs at minimum level with its user friendly CNC controller and low cost hydraulic maintenance.

New Power-Bend Pro is exactly what you need for your production where complicated, sensitive, single or multiple bends at high speed are critical.



Customer benefits

- Perfect configuration and economic solution for your precise bending works.
- Perfect result for deep and full-sized bends.
- High resolution DNC600S 9,4" 2D graphic screen.
- Permanent precision with crowning equipment.
- 1 axis (X) motorized backgauge.
- Manual crowning.
- Durable choice for your precise cutting works.
- Easy installation and training.

Impressive bending solution

Equipment alternatives can be upgraded on Power-Bend Pro Series upon request. Thus, increased productivity is achieved while bending.

Bending force	40 Ton to 600 Ton
Bending length	1270 mm to 6100 mm
Manual crowning	Standard (220 ton and above)
3 axis	Y1, Y2, X, / standard



Eco-Bend

CNC Hydraulic Press Brake.

CNC Hydraulic Eco-Bend offers a wide variety of options on top of its standard features. Eco-Bend Press Brake is user-friendly and also offers its owners a cost effective production solution.

CYBELEC DNC600S controller comes standard with all Eco-Bend Press Brakes the 2D screen and high programming capacity are the two major features enjoyed most by users.



Customer benefits

- Low investment cost.
- High efficiency.
- Ergonomic design.
- Minimum space requirement with compact design.
- High resolution DNC600S 9,4" 2D graphic screen.
- 1 axis (X) motorized backgauge.
- Durable choice for your precise cutting works.
- Easy installation and training.

It is much more than just bending

Eco-Bend has been designed and produced by ERMAKSAN's experienced engineers and reflects innovative technologies.

Bending force	80 Ton to 200 Ton
Bending length	2600 mm to 4100 mm
Manual crowning	Optional
3 axis	Y1, Y2, X, / standard



Micro-Bend

CNC Hydraulic Press Brake.

Do you have limited production space?

If so, we are offering you Micro-Bend, the most productive and small size hydraulic machine in its class.

Micro-Bend, prominent with low investment cost and ergonomic design with high productivity, has the capacity to bend 5 mm mild steel with 1 m x 40 tn press force and has a one axis backgauge.



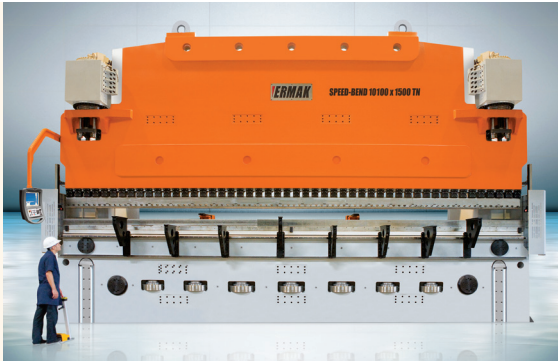
Customer benefits

- Low investment cost.
- High efficiency.
- Ergonomic design.
- Minimum space requirement with compact design.
- High resolution DNC600S 9,4" 2D graphic screen.
- 1 axis (X) motorized backgauge.
- Durable choice for your precise cutting works.
- Easy installation and training.

More power in small space

Micro-Bend, designed for need and produced as smallest hydraulic press brake in the market.

Bending force	40 Ton
Bending length	1000 mm
3 axis	Y1, Y2, X, / standard



Heavy Duty

Synchronized Hydraulic Press Brake.

ERMAKSAN's reliability, superior product quality, high production technology meets the needs of an ever-changing world market and continues to provide flexible solutions to customers every day requirements.

ERMAKSAN Heavy Duty Press Brakes meets the needs of all sectors engaged in the production of heavy machinery such as transportation, wind turbines, power plants, and the defence industry.



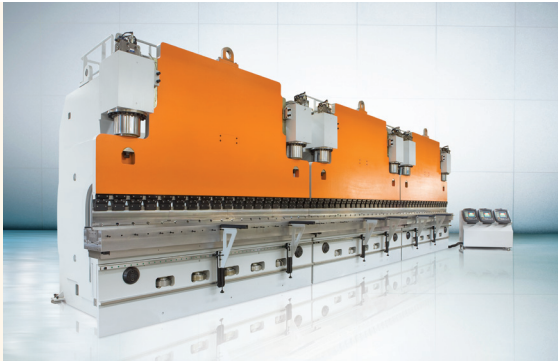
Customer benefits

- 17" 3D, LCD touch screen ER-90.
- Perfect configuration for your heavy tonnage bends.
- Absolute solution for deep and full-sized bends.
- Continuous precision with dynamic crowning system.
- Motorized crowning system.
- 6 axis servo motor backgauge system.
- AP3 / AP4 front sheet support system.
- Durable choice for your precise cutting works.
- Special top and bottom tools.
- 610 mm throat depth.

The right choice for a deeper and more powerful bends

ERMAKSAN Heavy Duty Press Brake allows you to work to the maximum capacity of your organization, and puts an end to time-consuming manufacturing processes.

* Please contact us for special size and tonnages.



Tandem

Synchronized Hydraulic Press Brake.

ERMAKSAN Tandem Press Brakes meet the needs of all sectors engaged in the production of heavy machinery such as transportation, wind turbines, power plants, defence industry.

ERMAKSAN Tandem Press Brakes eliminates labour costs and time losses while providing flexible solutions to meet the needs of the industry.



Customer benefits

- 17" 3D, LCD touch screen ER-90.
- Perfect configuration for your heavy tonnage bends.
- Absolute solution for deep and full-sized bends.
- Continuous precision with dynamic crowning system.
- Motorized crowning system.
- Durable choice for your precise cutting works.
- Special top and bottom tools.
- Mobile control unit.

Solutions for heavy duty bends

ERMAKSAN Tandem Press Brakes with standard specifications can handle deeper and longer plates with maximum accuracy and quality.

Tandem machine

2 / 3 / 4

Independent working machines

Standard

Crowning systems

Motorized

Hydraulic

Dynamic hydraulic

* Please contact us for special size and tonnages.



ETP

CNC Turret Punch Press.

The new ETP Series manufactured with ERMAKSAN's proven quality and experience in the production of sheet metal machinery is being presented to our clients.

Strong mono-block rigid O type body built using stress relieved welded steel has high acceleration axes. Sheet processing can be done multi-directional and flexible up to 6 mm thickness on ETP Turret Punch Press.

All Hydraulic, electronic, electric, and mechanical components used on the machines are respected, high quality, worldwide brands.



Customer benefits

- It designed to decrease learning time to the minimum.
- It allows users to produce parts on the first day with its simple and user-friendly menu guide.
- It decreases data input significantly by using perfect auto complete.
- It chooses the most appropriate sheet and the required blank size of the material by using auto nesting saving costs on material wastage.
- It decreases preparation time due to its fully automatic tools.
- Durable choice for your precise cutting works.
- Easy installation and training.

Rigid body, high productivity

Machine has been equipped with hydraulic, electronic, electrical and mechanical parts which are recognised worldwide for their quality.

Power	20 Ton / 30 Ton
Station	27 / 33
Max. sheet size without repositioning	1250 x 2000 mm 1500 x 2500 mm
Clamp type	Pneumatic clamps with auto positioning
Automatic tool lubrication	Standard



RPP

Rotative Punch Press.

RPP series manufactured with ERMAKSAN's proven quality and experience in the production of sheet metal machinery is being presented to our clients.

Strong mono-block rigid C type body built using stress relieved welded steel has high acceleration axes and is designed to allow sheet loading from 3 sides enabling the operation easily.



For more information scan the QR code.

Customer benefits

- It allows users to produce parts immediately following installation due to its simple and user-friendly menu guide.
- It can punch up to 6 mm easily.
- Ability to make angled cuts.
- It provides cutting precision.
- Durable choice for your precise cutting works.
- Easy installation and training.

High efficiency

Through the moving axes of the lower and the upper tool C, B axes working synchronized with X, Y, A axis to fulfil different production demands and high efficiency, flexibility are targeted.

Power	30 Ton
Cutting head type	360° auto-index
Max. sheet size without repositioning	1270 x 2000 mm
Number of tools	6 / 8



CPP

Combined Plasma Punch Press.

ERMAKSAN's CPP Combined Plasma Punch Press Series combines proven quality and experience in the production of sheet metal machinery.

Strong mono-block rigid C type body built using welded stress relieved steel has high acceleration axes designed to allow sheet loading from 3 sides enabling the operator to view the operation easily.

The combination of HiFocus sensitive plasma cutting and hydraulic punching together with a strong frame.



Customer benefits

- Combination of plasma and punch.
- It allows users to produce parts immediately following installation due to its simple and user-friendly menu guide.
- It can punch up to 6 mm easily.
- It decreases production time.
- It provides cutting precision.
- Durable choice for your precise cutting works.
- Easy installation and training.

2 in one

CPP can easily complete all your plasma cutting and hydraulic punch press jobs, also work piece not removed and carried to other bench can shorten your production time.

Power	30 Ton
Cutting head type	Fixed head
Max. sheet size without repositioning	1270 x 2000 mm
Plasma source	100 A
Number of tools	6 / 8



FPP

Fix Punch Press.

The Punch Press machine combines ERMAKSAN's proven quality and experience in the production of sheet metal machinery. The mono-block rigid C type body built using welded stress relieved steel has high acceleration axes designed to allow sheet loading from 3 sides enabling the operator to view the operation easily.

Sheet processing can be multi-directional and flexible up to 6 mm thickness on ERMAK Punch Press.



Customer benefits

- It can punch up to 6 mm easily.
- Low investment cost.
- High efficiency.
- Ergonomic design.
- It provides cutting precision.
- Durable choice for your precise cutting works.
- Easy installation and training.

The most economical solution for punch

Most the economic Fixed Punch Press, FPP. Designed and manufactured to meet industry requirements.

Power	30 Ton
Cutting head type	Fixed head
Max. sheet size without repositioning	1270 x 2000 mm
Number of tools	6 / 8



HVR

CNC Hydraulic Guillotine Shear.

ERMAKSAN, known as one of the top world wide manufacturers in the sheet metal industry, proudly introduces its latest shear model to the market, the Variable Rake Hydraulic Guillotine Shear “CNC HVR”.

Blade gap, cutting angle and cutting length are all automatically adjusted based on material selection and thickness.

By choosing the new and improved CNC HVR from ERMAKSAN, you will bring modern-day technology to your company encompassing maximum safety, high accuracy and unique ease of use.



For more information scan the QR code.

Customer benefits

- Cybtouch 6 user-friendly controller.
- Long lasting durable blades.
- Flexible solutions for different cutting demands.
- Light curtain for finger protection.
- Laser cutting line.
- Pneumatic sheet support system.
- Ergonomic design.
- Durable choice for your precise cutting works.
- Easy installation and training.

Excellent cut, perfect speed

The HVR is able to cut all kinds of metal sheets whilst maintaining the highest production capacities with maximum precision and quality.

Maximum cutting thickness	6 mm to 40 mm
Cutting length	3 m to 10 m
Automatic blade gap adjustment	Automatic
Automatic cutting angle adjustment	Automatic
Touch screen CNC controller	Touch screen CNC controller



HGD

Hydraulic Swing Beam Shear.

ERMAKSAN, known as one of the top world-wide manufacturers in the sheet metal industry, proudly announces its latest shear model to the market, the Hydraulic Swing Beam Shear "HGD".

ERMAKSAN, HGD Series shears are designed superiorly for sheets 6-20 mm using only high-quality materials and workmanship and are produced for heavy-duty use without problems.

Strong mono-block welded steel frame retains its rigidity even when working to maximum capacity, thus helping to provide a good quality and clean cut.



Customer benefits

- Cybtouch 6 user-friendly controller.
- Long lasting durable blades.
- Angle gauge.
- Front and back sheet conveyor system.
- Laser cutting line.
- Pneumatic sheet support system.
- Ergonomic design.
- Durable choice for your precise cutting works.
- Easy installation and training.

High precision

The highly durable top and bottom blades produce perfect cuts on both mild and stainless steel.

Maximum cutting thickness	6 mm to 20 mm
Cutting length	3 m to 4 m
Blade gap adjustment	Manual
Cutting angle adjustment	Fixed
Controller	Touch screen controller



HGS

Hydraulic Swing Beam Shear.

ERMAKSAN, known as one of the top world wide manufacturers in the sheet metal industry, proudly announces its latest shear model to the market, the hydraulic Swing Beam Shear “HGS”.

HGS is a perfect choice with its modern design, durable heavy body and precise cutting quality.

Long lasting and durable upper beam plays a major role in cutting. Fast and precise blade gap adjustment system is placed on the right side of the machine. Blade gap adjustment for high quality cut can easily be done from single point.

You will realize what a great choice it was to go with ERMAK HGS Shear as soon as you start using it.



For more information scan the QR code.

Customer benefits

- Cybtouch 6 user-friendly controller.
- Long lasting durable blades.
- Side gauge and front support arm length for any request.
- Hydraulic gap adjustment.
- Laser cutting line.
- Light curtain for finger protection.
- Angle gauge.
- Durable choice for your precise cutting works.
- Easy installation and training.

High performance investment friendly solutions

Simple blade gap adjustment system helps you to achieve perfect cuts from the first cut.

Maximum cutting thickness

6 mm to 8 mm

Cutting length

2600 mm to 4100 mm

Blade gap adjustment

Manual

Controller

Touch screen controller



GMR

Mechanical Shear.

ERMAKSAN quality and experience in the production of sheet metal working Machinery is demonstrated in the GMR mechanical shear.

The static and dynamic stiffness of the body and strong welded construction are designed to withstand harsh operating conditions. It is designed specifically for thin sheet materials and works very efficiently at high speeds boasting the best scissor in its class!

Less energy consumption, quiet operation and high productivity all together with its small footprint is presented to the market at an affordable price.

The ERMAKSAN GMR shear is the perfect choice for any fabrication facility.



Customer benefits

- Low investment cost.
- High efficiency.
- Ergonomic design.
- Energy saving.
- Silent working.
- Does not require large area.
- Different colour options.
- Durable choice for your precise cutting works.
- Easy installation and training.

Efficient and economical

The GMR is the most competitively priced mechanical shear on the market.

Maximum cutting thickness	3 mm to 4 mm
Cutting length	1400 mm to 3100 mm
Controller	Elgo 9521
Backgauge	Motorized backgauge up to 800 mm stroke



EKN-6

Hydraulic Corner Notcher.

ERMAK EKN-6 variable rake hydraulic corner notchers have a strong frame with a statically and dynamically rigid steel table and top beam.

T slot top table enables precise cutting and there is no manual adjustment for different sheet thickness as this is done by the automatic blade gap adjustment.

EKN series cutting action is performed by 4 hydraulic hold-down cylinders.



Customer benefits

- Hoerbiger hydraulic system which does not require maintenance.
- Wheel control lever allows quick and easy adjustment.
- High quality components.
- Automatic blade gap adjustment system which does not require setting.
- Electrical current options for every country.
- Minimum space requirement with compact design.
- Durable choice for your precise cutting works.
- Easy installation and training.

Make a selection advantage

Designed and manufactured to meet industry requirements the Hydraulic Corner Notching EKN-6 machine is the best choice for your business.

Maximum cutting thickness

6 mm

Cutting angle adjustment

30° to 140°



EKM

Iron Worker.

EKM series IronWorker has been redesigned as a result of ERMAKSAN engineering studies and is designed using 3D CAD software and manufactured with accurate CNC machinery.

EKM series includes stations for punching, profile cutting, square and round bar profile cutting, flat sheet cutting and corner notching. Each work station provides accuracy and ease of use while ensuring safety with specially designed covers.

EKM series is the the best choice and will fulfil all your expectations on price, efficiency and quality.



Customer benefits

- Perfect solution for precise cuts.
- Does not require large space.
- User-friendly and simple machine operation.
- Punching, flat shearing, angle shearing and notching options.
- Minimum space requirement with compact design.
- Durable choice for your precise cutting works.
- Easy installation and training.

One machine, multiple operations

EKM Series Combined Iron worker is an efficient, quality machine essential to every machine shop.

Cutting power

Stations

50 Ton to 180 Ton

Profile cutting

Hole

Square / round cutting

Corner

Sheet cutting





For more information scan the QR code.

Customer satisfaction is the key ethos of ERMAKSAN. After sales customer relations are the most important part of our cooperation.

After sales technical support, machine installation, spare part service and training for our customers are all provided by our specialist engineers and technicians.

Our technical service department is ready to serve and resolve your questions via online support, phone calls or on-site support. We are aware that after sales service is an important factor when selecting products. Our goal is to keep customer satisfaction at the highest level through ensuring quality, sustainability and credibility of service with our widespread service network, trusted warranty applications and experienced staff. Varying consumer demands and needs are evaluated with care according to the present day's industrial expectations.

Favourable customer relations, technical facilities for spare part deliveries along with spare part-labour warranty, affordable spare parts and on-site service are just a few examples of our professional customer orientated approach.

We are confident in the support shown to customers in all aspects of our business starting from the quotation stage and continuing through-out the entire lifetime of your investment. We consider customer satisfaction to be a major priority and we will strive to keep this at the forefront of our development.





The best alternative to a new ERMAKSAN machine is to choose a second hand machine. ERMAKSAN machines are exported to many destinations and with thousands of references are presented to the second hand market under the ERMAK guarantee.

ERMAKSAN second hand machines are put through comprehensive maintenance ensuring replacement of equipment controls and eroded parts where required.

The second hand machines are treated just as a new machine is and we are pleased to provide installation and training. Furthermore, the purchased second hand machine is covered by our ERMAKSAN warranty for spare parts and servicing.



For more information scan the QR code.

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ERMAKSAN
METAL FABRICATING MACHINERY

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