



TRINOX

ROLLING WORLD ON STEEL

STAINLESS STEEL
FLAT COLD ROLLING MILL
Trinox Metal Industry

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TRINOX
METAL



STAINLESS STEEL
FLAT COLD ROLLING MILL



»» ABOUT US

TRINOX METAL continues to produce stainless steel flat sheets with a vision focused on development and success, its investment journey in 2014 at the Turkey's first cold rolled stainless steel production facilities.

Trinox Metal produces its professional staffs in order to meet the end of stainless steel flat sheets in Turkey and its geographical benefits and to become a dynamic and global player in the sector.

Hot rolled input material is offered for sale after cold rolling, continuous annealing and pickling, surface tempering processes in accordance with customer needs and demands at production facilities established on 82.000 m² of land in the European Free Zone (Tekirdag);

Our production facilities have a production capacity of 75,000 tons including 60,000 tons of 2B surface and 15,000 tons of BA surfaces per year.

With the reliability, flexibility and innovation that are our core values, we continue to seek solutions and serve beyond customer expectations.

We believe that keeping customer satisfaction at the highest level is the most basic principle that strengthens the brand.

For this reason, we take care of meeting the strategic needs and expectations of strategic industries in a qualified manner through R&D studies focused on product development, production and product quality.

 TRINOX METAL



TRINOX METAL



STAINLESS STEEL KEY FEATURES

- CORROSION RESISTANCE
- FIRE AND HEAT RESISTANCE
- HYGIENE
- AESTHETIC APPEARANCE
- STRENGTH-TO-WEIGHT ADVANTAGE
- EASE OF FABRICATION
- IMPACT RESISTANCE
- LONG TERM VALUE

» AREAS OF USAGE

STAINLESS STEEL; it is used in different industries taking into account its chemical properties, physical strength and surface quality.

Stainless steel can be used at both low and high temperatures due to its advanced mechanical properties right along with its excellent corrosion resistance.

The stainless steel family which constitutes a young group of engineering materials, is widely used in chemical and power generation engineering, food industry, health applications, oil and petrochemical fields, paper processing, transportation, architectural applications, it is used in household appliances, automobile and in many industries where aesthetic appearance and corrosion resistance play an important role in design.

OIL & CHEMICAL INDUSTRY



HOME APPLIANCES



PHARMACY & COSMETICS



FOOD INDUSTRY

PRODUCTION FACILITY

- COLD ROLLING MILL
- CONTINUOUS ANNEALING AND PICKLING LINE
- SKIN PASS LINE
- COIL & SHEET PRODUCT SPECIFICATIONS
- SLITTING & CUT TO LENGTH LINES
- POLISHING LINE
- LASER MACHINE
- QUALITY
- RESEARCH & DEVELOPMENT



COIL & SHEET PRODUCT SPECIFICATIONS

Coil	Thickness	Width	Outer Diameter	
	0.3-3.00mm	500-1300mm	700-2000mm	
Strip	Thickness	Width	Outer Diameter	
	0.3-3.00mm	50-500mm	700-2000mm	
Sheet	Thickness	Width	Lenght	
	0.3-3.00mm	400-1300mm	220-6000mm	

Coil	Thickness	Width	Outer Diameter	
	0.3-2.00mm	500-1300mm	700-2000mm	
Strip	Thickness	Width	Outer Diameter	
	0.3-2.00mm	50-500mm	700-2000mm	
Sheet	Thickness	Width	Lenght	
	0.3-2.00mm	500-1300mm	700-2000mm	

Coil	Thickness	Width	Outer Diameter	
	0.3-2.00mm	500-1300mm	700-2000mm	
Strip	Thickness	Width	Outer Diameter	
	0.3-2.00mm	50-500mm	700-2000mm	
Sheet	Thickness	Width	Lenght	
	0.3-2.00mm	500-1300mm	700-2000mm	

2B Cold Rolled and Skin Passed

Alloy: 2xx/3xx/4xx

Coil Inner Diameter: 508-610mm

Strip Inner Diameter: 508mm

Protective Film (PET/PVC) can be laminated upon customer request

Scotch Brite

Alloy: 2xx/3xx/4xx

Coil Inner Diameter: 508-610mm

Strip Inner Diameter: 508mm

No:4

Alloy: 2xx/3xx/4xx

Coil Inner Diameter: 508-610mm

Strip Inner Diameter: 508mm

Dimensional tolerances according to EN ISO 9445-2
Technical delivery conditions to EN 10088-2-ASTM A240

Please contact with our sales representatives for further information.



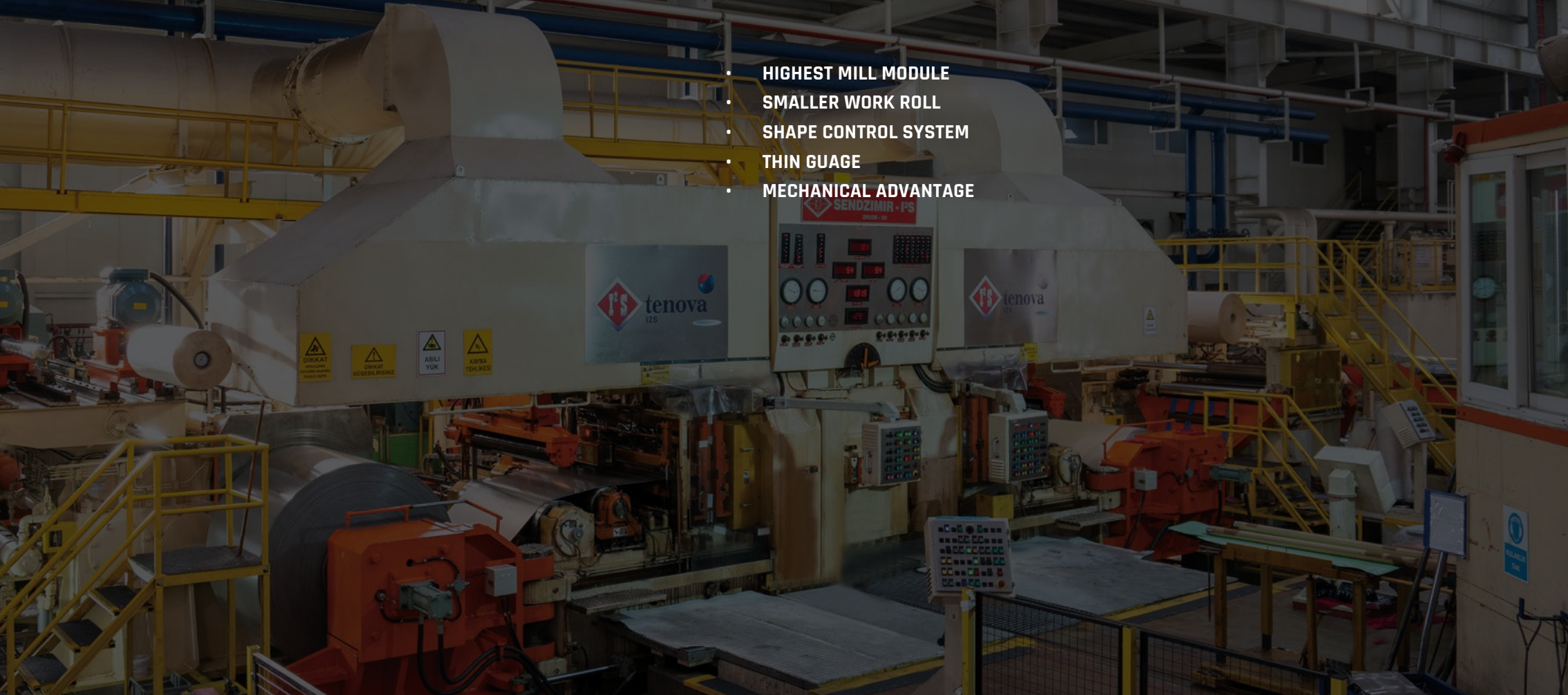


SENDZIMIR COLD ROLLING MACHINE



BENEFITS

- HIGHEST MILL MODULE
- SMALLER WORK ROLL
- SHAPE CONTROL SYSTEM
- THIN GAUGE
- MECHANICAL ADVANTAGE





A 20-hi cluster mill is simply a precision mill used to roll ultra-thin and/or ultra-high-strength material. The conventional monoblock mill provides the greatest mill modulus among all types of mills, which prevents the mill from control instability and to guarantee the target thickness. The mechanical advantage of 20:1 ratio let the AGC cylinders take only 4~6% of separation force and also substantially increase the gage control resolution. The closed loop shape control composed of the shapemeter roll, the intermediate roll shifting, and power crown backing bearings offers a very precise shape control with selectable target shape pattern.

Surface quality, mechanical and metallurgical properties are provided in the rolling process with flatness, position, force, bending, tilt and lubrication control.





TRINOX

**INNOVATIVE
SCIENCE-BASED**



HIGH QUALITY

TRINOX METAL IS DEDICATED TO THE
MANUFACTURING AND PROCESSING OF
STAINLESS STEEL FLAT PRODUCTS.

CONTINUOUS ANNEALING & PICKLING



BENEFITS

- MAINTAINED STRIP SHAPE
- HIGH MAXIMUM PROCESS SPEED
- OPTIMUM PICKLING
- RELIABLE PROCESS PARAMETERS

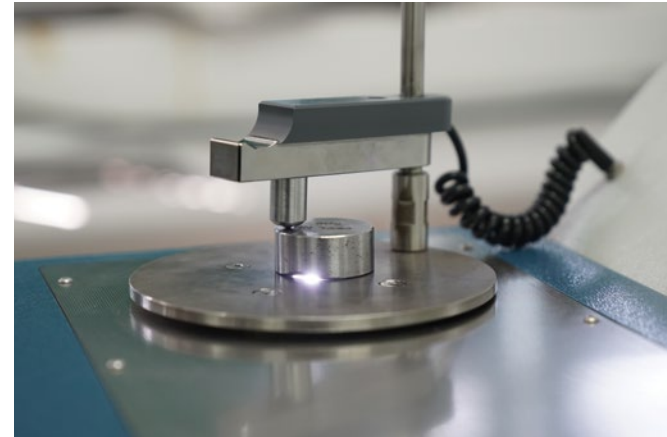
The work-hardened strip requires annealing and surface scale removal. This is achieved with a tunnel type furnace and chemical pickling section .

Trinox Metal, with many years of experience, has the competence and knowledge of the thermal process which is required for the production of stainless steel flat.

In recent years Trinox Metal has made its research activities to develop new pickling technologies aimed at reducing both the polluting effects of the chemicals used and the overall process operational costs.

Quality

RESEARCH & DEVELOPMENT



TECHNICAL LABORATORY FACILITIES

Technological development and sustainable quality

With our strong laboratory infrastructure and experienced personnel, we meet the evolving specific needs of our customers. For these purposes; thermomechanical design, process simulations, elemental analyses, mechanical characterization investigations, surface investigations, metallographic investigations are carried out.

All technological developments related to R&D, product and process development test equipment are continuously monitored and collaborations are made with many universities and accredited test centers.

CORE VALUES

STRUCTURE

Trinox Metal adopts a principle of change engineering to meet customer needs in the best way, to increase the competitiveness of the organization, to develop innovation and creativity in the organization, and to create a dynamic, flexible and agile organizational structure.

RESPECT FOR THE EMPLOYEE
ETHICAL BEHAVIOR
CUSTOMER FOCUS BY CREATING CONTINUOUS VALUE
JOURNEY TO EXCELLENCE



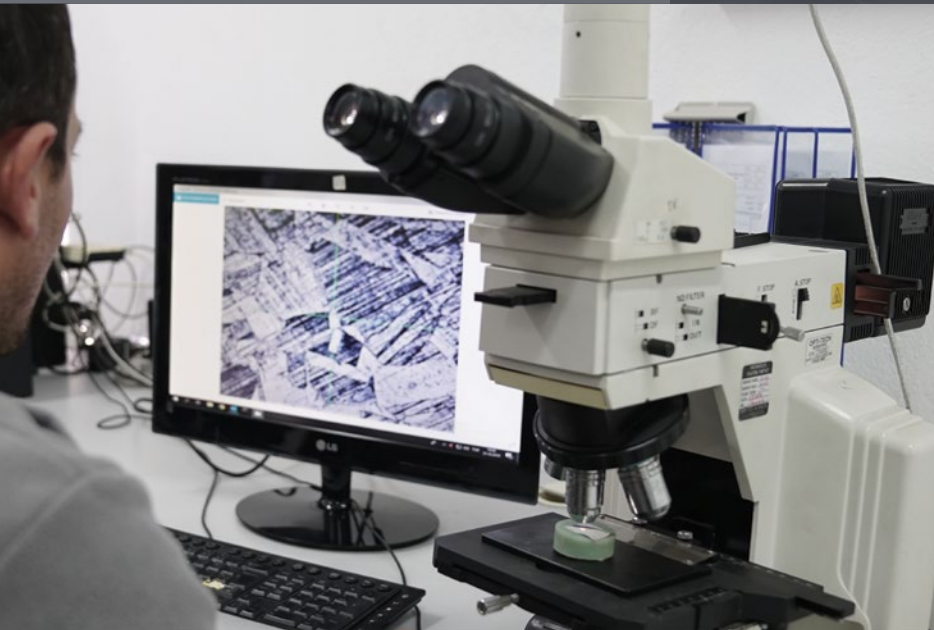
MISSION

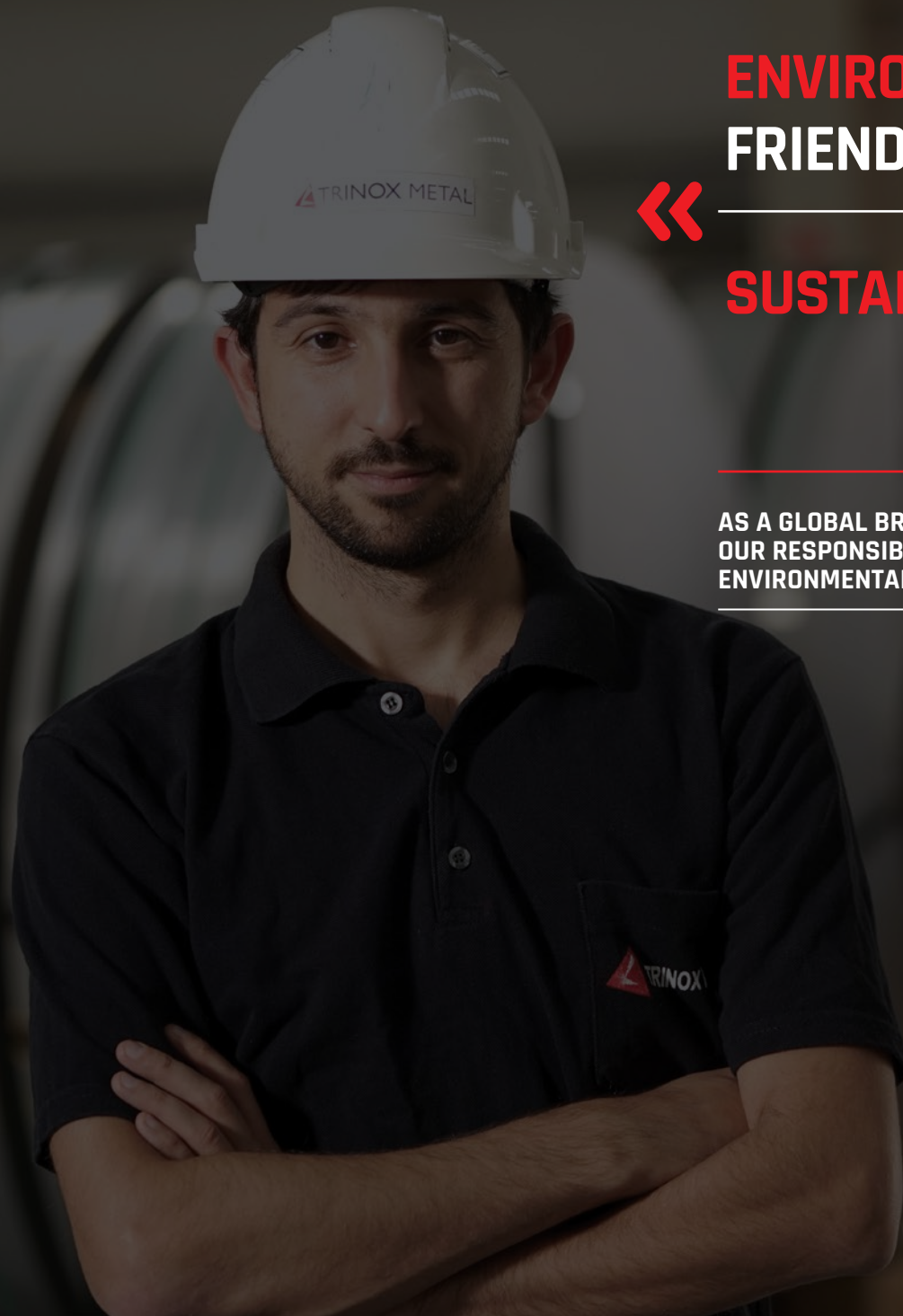
Providing competitive advantage by offering flat stainless steel products with special and fast solutions to our customers who have made a difference in their sector through human and excellence-oriented cultural transformation.

VISION

To be a modern, high-performance company that its stakeholders are proud to be part of and sustaining increased international growth.

As Trinox Metal, we act to achieve sustainable growth for our world by evaluating the resources we have in all our work effectively and efficiently. We reflect our sustainability perspective on everything from our management approach to our technology infrastructure, from environmental management to our corporate culture.





**ENVIRONMENTALLY
FRIENDLY**



SUSTAINABILITY

**AS A GLOBAL BRAND, WE FULLY FULFILL
OUR RESPONSIBILITY IN ECONOMIC,
ENVIRONMENTAL AND SOCIAL DIMENSIONS.**



TRINOX





FACTORY & HQ ADDRESS

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