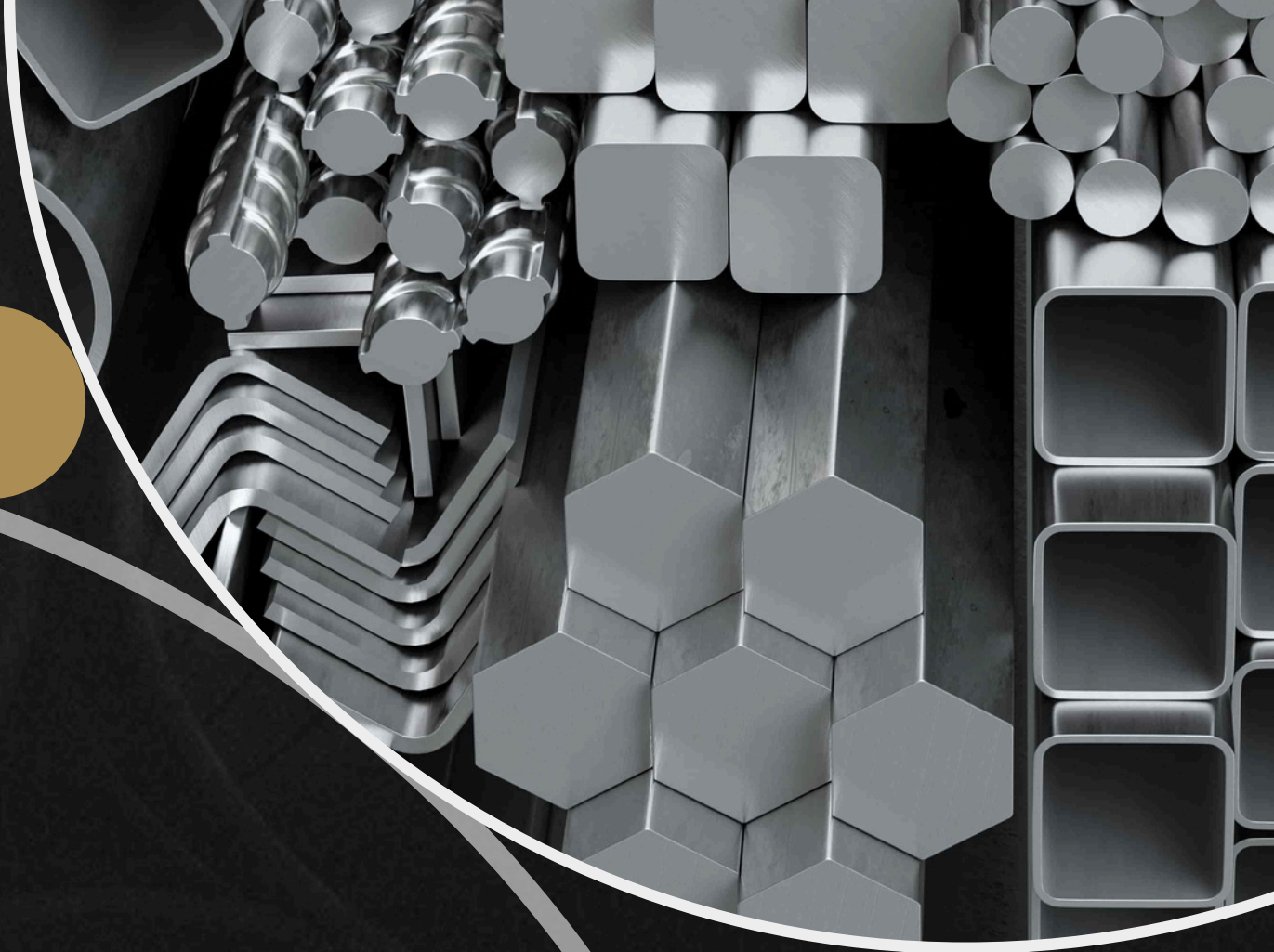




**RIPE CORP LTD**  
International Trading Company

# CATALOG

**ALLOY • CARBON • STAINLESS STEEL**  
**PIPE • STEEL PLATE • BILLET • SHAPE CASTING**  
**PIG CAST IRON • SLAB • ROLLED STEEL • REBAR**



# WORLD-CLASS TRADER



## RIPE CORP LTD COMPANY

RIPE CORP LTD operates at the core of international trade, specializing in commodities, including metals, as well as a wide range of finished products and raw materials such as rebar, sheet metal, pipes, and other industrial goods. Our expertise goes far beyond simple supply: we provide end-to-end deal support, including financing, logistics coordination, and direct negotiations to ensure every transaction is executed efficiently and transparently.



Our company is active across Europe, the Middle East, and the Americas, building strong relationships with manufacturers, distributors, and buyers throughout these regions. Regardless of market complexity, our team is committed to delivering reliable solutions tailored to the needs of our partners.

## TRADING OF COMMODITIES:

PLATE



PIPE



REBAR



OTHERS



## USING OF PRODUCTS:



PIPELINES



OIL AND GAS  
INDUSTRY



BRIDGE  
CONSTRUCTION



CONSTRUCTION



SHIPBUILDING

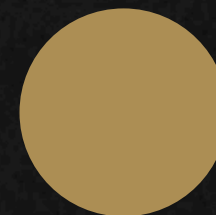


MECHANICAL  
ENGINEERING



**RIPE CORP LTD**  
International Trading Company

**PIPE**



# EXTRA-LARGE DIAMETER



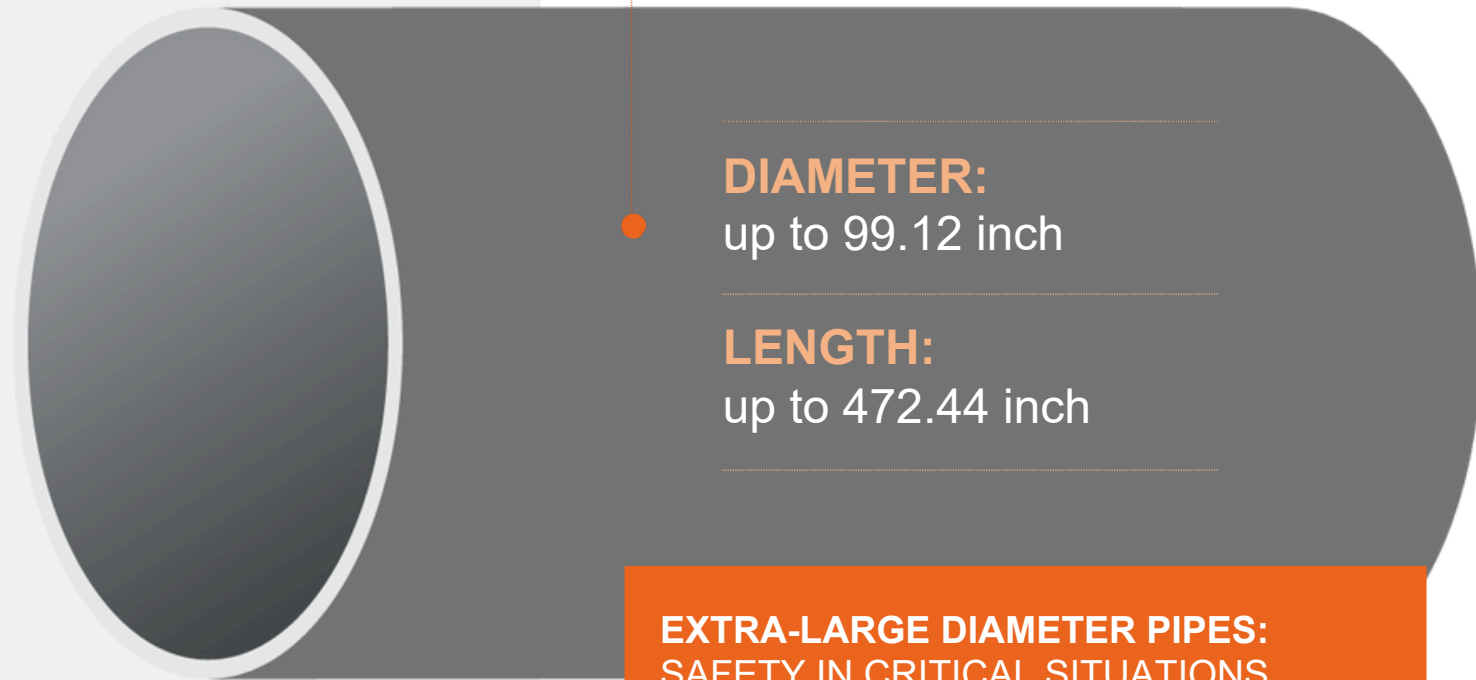
**RIPE CORP LTD**  
International Trading Company



SUCCESSFULLY USED IN  
STRENGTHENING ARCTIC COASTAL  
AND PORT INFRASTRUCTURE.



OTHER APPLICATIONS WILL BE  
POSSIBLE IN THE FUTURE.



**NO**  
TRANSVERSE  
WELDED  
**JOINTS**

**DIAMETER:**  
up to 99.12 inch

**LENGTH:**  
up to 472.44 inch

**EXTRA-LARGE DIAMETER PIPES:**  
SAFETY IN CRITICAL SITUATIONS



# CLADDED LARGE DIAMETER PIPES



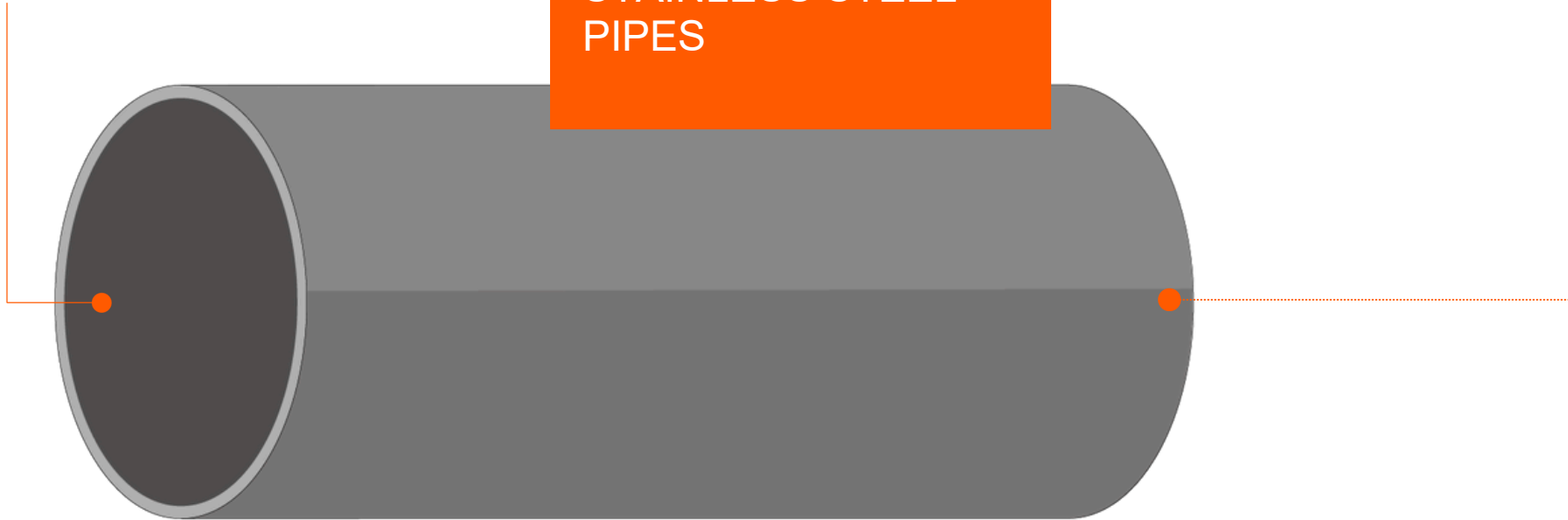
**DIAMETER:**  
20–48.03 inch



**WALL THICKNESS:**  
0.472–1.259 inch

**CLADDED LARGE  
DIAMETER PIPES:**  
COST-EFFECTIVE  
REPLACEMENT FOR  
STAINLESS STEEL  
PIPES

**API-5LD**  
INTERNATIONAL  
CERTIFICATION



# NEW RANGE OF PIPES FOR TRANSPORTATION OF HYDROGEN

---

PROMISING DIRECTION  
INTERNATIONAL  
STANDARD

OUR PRODUCT RANGE INCLUDES PIPES FOR THE TRANSPORTATION OF HYDROGEN. THEY CONFORM TO ASME B 31.12, THE ONLY INTERNATIONAL STANDARD THAT REGULATES REQUIREMENTS FOR PIPES INTENDED FOR THE TRANSPORTATION OF HYDROGEN.

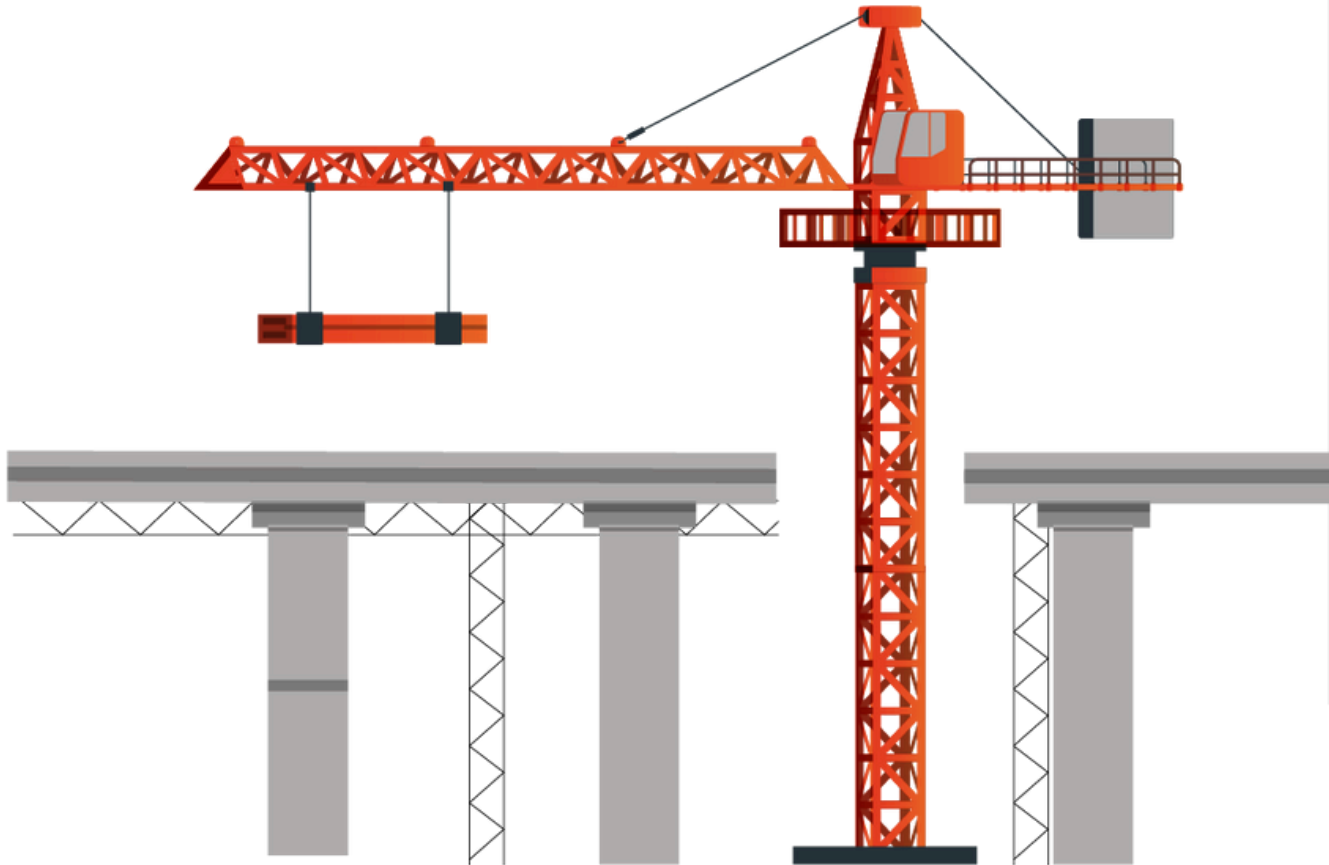


GUARANTEED QUALITY

BY 

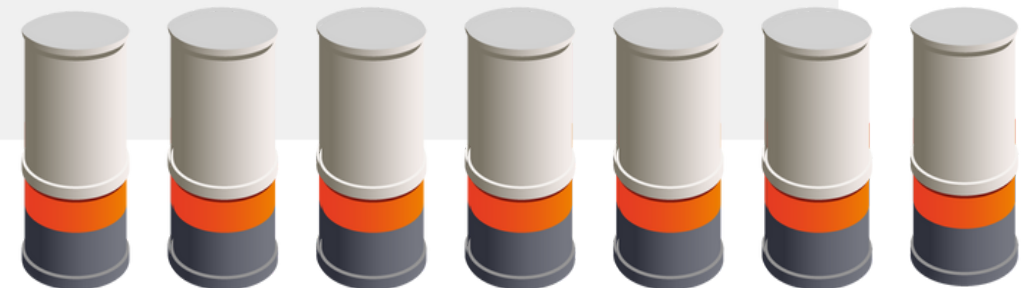
# PILES FOR BRIDGES AND OVERPASSES

HIGH QUALITY (USE OF HIGH-STRENGTH STRUCTURAL STEEL) AND COMPLIANCE WITH INTERNATIONAL STANDARDS.



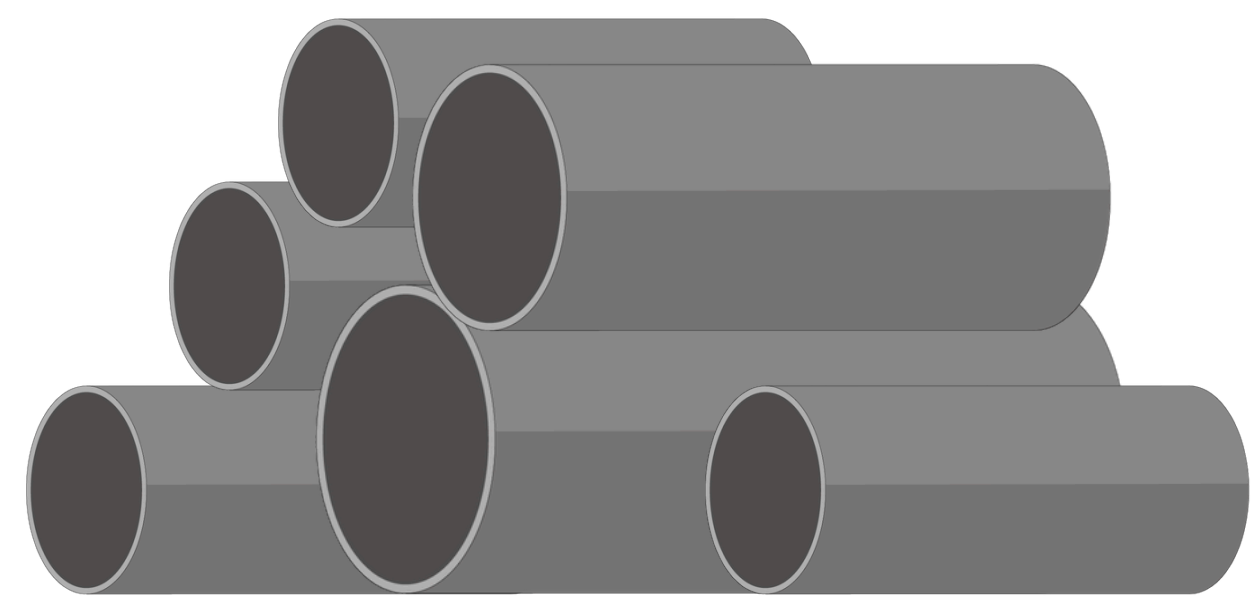
## AREAS OF APPLICATION:

- CONSTRUCTION OF BRIDGES
- CONSTRUCTION OF HIGHWAYS
- CONSTRUCTION OF PASSAGES



# PIPE SIZE RANGE

RIPE CORP LTD CAN OFFER PIPES FOR SALE IN THE SIZES LISTED IN THE TABLE, AS WELL AS CUSTOM DIMENSIONS UPON REQUEST. THANKS TO OUR EXTENSIVE NETWORK OF PARTNER PLANTS, WE ARE ABLE TO PROVIDE **FLEXIBLE OPTIONS** AND MEET A **WIDE RANGE OF CUSTOMER SPECIFICATIONS**.



Specification	Pipe dimensions		Length, ft
	OD, inch	WT, inch	
Tubes-billets for mechanical treatment	1.6535	0.1181-0.2362	14.76-37.73
	1.7717	0.1181-0.2756	
	1.9685	0.1181-0.3150	
	2.1260	0.1181-0.3150	
	2.2441	0.1181-0.5118	
	2.3622	0.1181-0.5512	
	2.5000	0.1181-0.5512	
	2.6772	0.1378-0.5512	
	2.7559	0.1378-0.5512	
	2.8740	0.1378-0.5512	
	2.9921	0.1378-0.5512	
	3.2677	0.1378-0.5512	
	3.5039	0.1378-0.5512	
	1.7717	0.1378-0.1575	
Hot-deformed seamless steel pipes for the welded steel structures	1.9685	0.1378-0.1575	14.76-39.37
	2.1260	0.1378-0.2362	
	2.2441	0.1378-0.2362	
	2.3622	0.1378-0.2362, 0.3149	
	2.5000	0.1378-0.2362, 0.3149	
	2.6772	0.1378-0.3149	
	2.7559	0.1378-0.3149	
	2.8740	0.1378-0.3149	
	2.9921	0.1378-0.3149	
	3.2677	0.1378-0.3149	
	3.5039	0.1378-0.3149	
	2.1260	0.1181-0.4331	
	2.2441	0.1181-0.5118	
	2.3622	0.1181-0.5512	
API Spec 5L Seamless hot-rolled steel pipes	2.5000	0.1181-0.5512	14.76-39.37
	2.6772	0.1181-0.5512	
	2.7559	0.1181-0.5512	
	2.8740	0.1181-0.5512	
	2.9921	0.1181-0.5512	
	3.2677	0.1378-0.5512	
	3.5039	0.1378-0.5512	
	2.1260	0.1181-0.4331	
	2.2441	0.1181-0.5118	
	2.3622	0.1181-0.5512	
	2.5000	0.1181-0.5512	
	2.6772	0.1181-0.5512	
	1.2598	0.1142-0.3150	
	1.3780	0.1142-0.3150	
Seamless hot-rolled steel pipes	1.4961	0.1142-0.3150	14.76-39.37
	1.5748	0.1142-0.3150	
	1.6535	0.1142-0.3937	
	1.7717	0.1142-0.3937	
	1.9685	0.1142-0.3937	
	2.0079	0.1181-0.4331	
	2.1260	0.1181-0.4331	
	2.2441	0.1181-0.5118	
	2.3622	0.1181-0.5512	
	2.6772	0.1181-0.5512	
	2.7559	0.1181-0.5512	
	2.8740	0.1181-0.5512	
	2.9921	0.1181-0.5512	
	3.2677	0.1378-0.5512	
	3.5039	0.1378-0.5512	



# PIPE PRODUCTION RANGE

- SAWL PIPES: EN10217-1, P195TR2, P235TR2, P265TR2;
  - SAWL PIPES: EN 10217-3, P275NL1, P275NL2, P355N, P355NH, P355NL1, P355NL2, P460N, P460NH, P460NL1, P460NL2;
  - SAWL PIPES: EN 10217-5, P235GH, P265GH;
  - SAWL PIPES: EN 10217-6, P215NL, P265NL; SAWL PIPES: EN10219-1, S235JRH, S275JOH, S275J2H, S355JOH, S355J2H, S275NH, S275NLH, S355NH, S355NLH, S460NH, S460NLH, S275MH, S275MLH, S355MH, S355MLH, S460MH, S460MLH;
  - SAWL PIPES: EN10224, L235, L275, L355;
  - SAWL PIPES: ISO 3183:2019 ANNEX A, UP TO STEEL GRADE X80ME/X60NE/X800QE
  - SAWL PIPES: APISL SAWL PSL2, UP TO STEEL GRADE X80M/X52N/X70Q;
  - SAWL PIPES: API5L SAWL PSL2 ANNEX H. UP TO STEEL GRADE X70MS/X52NS/X70QS;
  - SAWL PIPES: APISL SAWL PSL2 ANNEX J, UP TO STEEL GRADE X80M0/X52N0/X80Q0;
  - LSAW PIPES - AS PER CUSTOMER'S REQUIREMENTS.
- CLADDED PIPES:**
- API 5LD SAWL PSL2.
- COATING/LINING PRODUCTION RANGE:**
- EPOXY INNER SMOOTH LINING: EN 10301;
  - EPOXY COATING: ISO 21809-2;
  - 2/3 LPE COATING: ISO 21809-1/DIN 30670;



**RIPE CORP LTD**  
International Trading Company

**STEEL PLATE**  
**BILLET**  
**SHAPE CASTING**  
**PIG CAST IRON**  
**SLAB**

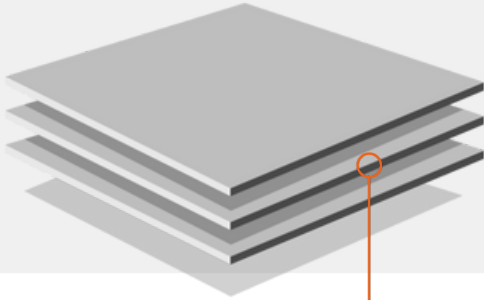


# PRODUCTS



**RIPE CORP LTD**  
International Trading Company

## STEEL PLATE



**THICKNESS:**  
0.314–2.362 inch

**WIDTH:**  
55.708–100.393 inch

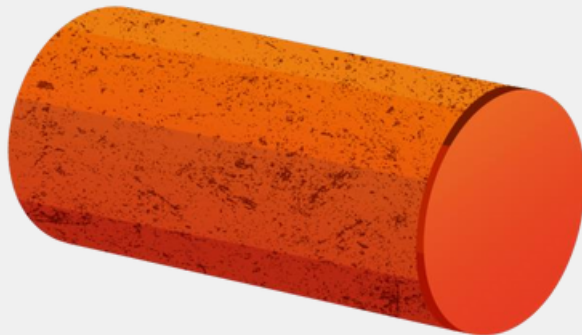
**LENGTH:**  
up to 480.314 inch

**STANDART:**  
DIN, EN, DNV etc

### SUPPLY CONDITION:

hot rolled, controlled rolling,  
thermomechanical treatment, hardening  
and tempering, normalization, high-  
temperature tempering

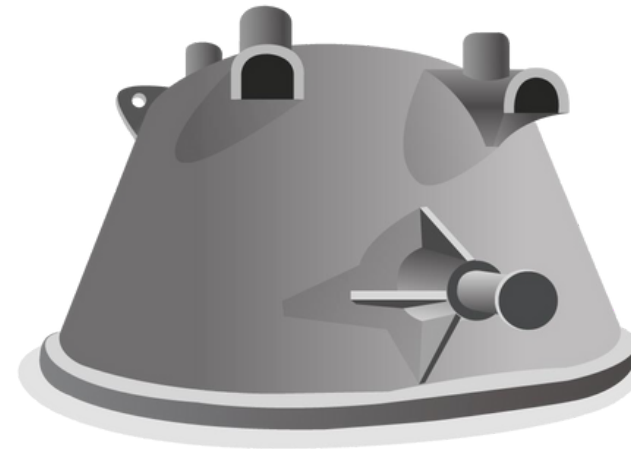
## BILLET



**ROUND Ø**  
16.9, 17.9, 21.2,  
23.6 inch

**RECTANGULAR:**  
11.8x13 inch,  
13x18.5 inch

**LENGTH:**  
up to 354.33 inch



## SHAPED CASTING

**HEAVY CASTING:**  
up to 100 MT

**MATERIAL:**  
steel, cast iron

**SMALL CASTING:**  
up to 6 MT

# PRODUCTS



**RIPE CORP LTD**  
International Trading Company

## PIG CAST IRON

**PIG WEIGHT:**  
**39.68 lbs**

**DIMENSIONS:**  
**7.87x5.90x5.90**  
**inch**

**SHIPMENT:**  
**in bulk**



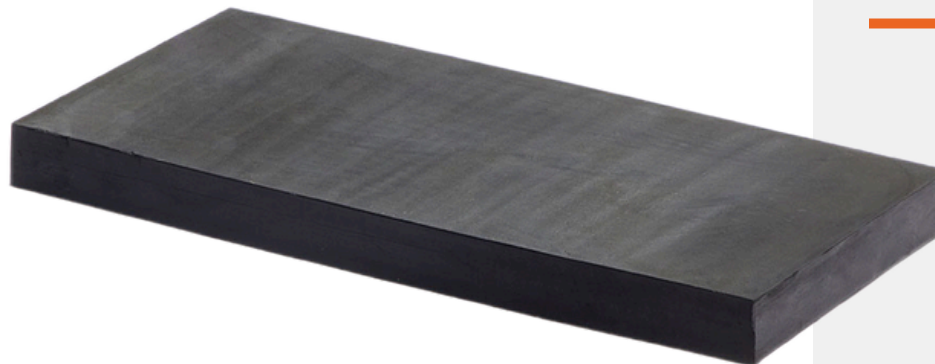
## SLAB

**SQUARE SHAPED:**

**7.48x47.24x350.49 inch**

**8.66x47.24x299.21 inch**

**10.63x47.24x248.03 inch**





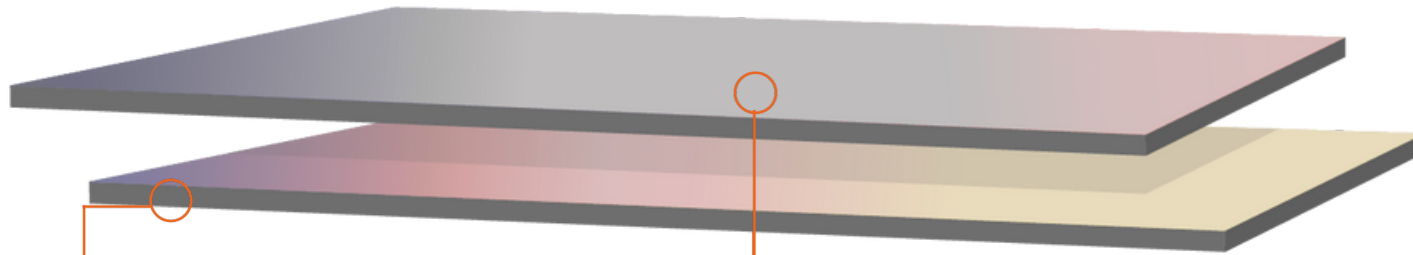


**RIPE CORP LTD**  
International Trading Company

**ROLLED STEEL**



# FLAT-ROLLED PRODUCTS



## PLATE

### PLATE SIZE RANGE:

thickness: 0.314–1.181 inch  
width: 59.05–98.42 inch  
length: 177.16–480.31 inch

### STEEL GRADES:

steels X42–X70 and K48–K65,  
P355NH, S355J2H, GR.BM, GRBMO

### REGULATORY DOCUMENTS:

API 5L, etc.

## CORROSION-RESISTANT PLATE

### PLATE SIZE RANGE:

thickness: 0.314–1.96 inch  
width: 59.05–98.42 inch  
length: 177.16–480.31 inch

### STEEL GRADES:

steel class K50–K65

### CORROSIVE CHARACTERISTICS:

- CLR, CTR, CSR hydrogen cracking
- resistant to sulphide stress cracking
- corrosion rate in simulative CO<sub>2</sub>- and H<sub>2</sub>S-environments  $\leq 0.019$  inch/year

## FLAT-ROLLED PRODUCTS FOR STEEL STRUCTURES AND TANKS

### PLATE SIZE RANGE:

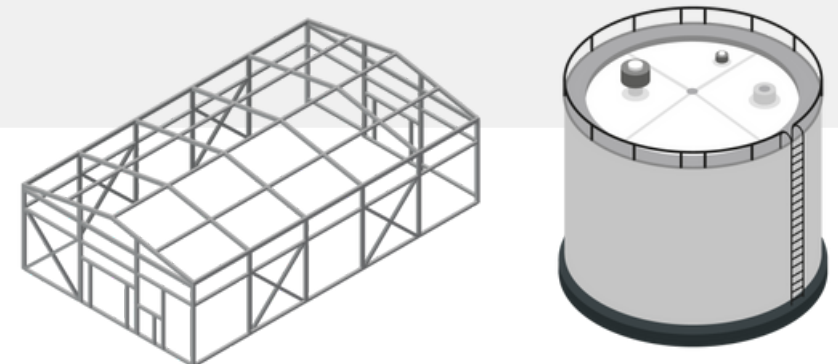
- thickness: 0.314–1.968 inch
- width: 59.05–98.42 inch
- length: 177.16–472.44 inch

### STEEL GRADES:

- C345, C355, C390, C440, etc.

### ADDITIONAL REQUIREMENTS:

- resistance and area reduction in Z-direction
- impact strength at up to -158°F
- yield to tensile strength ratio
- elongation at temperatures up to 1112°F



# WEATHERING STEEL

## ANALOGUE OF COR-TEN



### COST EFFECTIVENESS

The cost of products made of weathering steel without painting is **10–15% lower** than the cost of painted products made of traditional steels. The life-cycle costs **are reduced by 30%**, as no regular repainting is required.



### GEOMETRIC DIMENSION:

- length range from 0.314 to 1.96 inch
- width range from 59.05 to 98.42 inch
- length range from 177.16 to 472.44 inch



### STRENGTH CLASS OF ROLLED PRODUCTS:

Weathering steel provides strength classes standard for bridge steel: **C345, C390.**

The main application is **unpainted steel bridges**. In Europe, **12 bridges** are made of steel weathering steel, **1 bridge** — under construction, **10 bridges** — designed. Weathering steel is used for the manufacture of **power transmission towers**, **railway cars**, **containers**, as well as **in architecture** for building facades, sculptures, and small architectural forms.

In car building: **turn-around cars** for the transportation of fossil materials from quarries.



WEATHERING STEEL WE TRADE WAS AWARDED THE GOLD MEDAL OF METAL-EXPO INTERNATIONAL EXHIBITION WINNER



# MARINE GRADE WEATHERING STEEL

The new type of steel is based on the Japanese SMA490W-MOD steel. It is used in the construction of bridges across the seas.

Research was carried out to develop a system for doping new steel containing **~3.0%** of nickel and production modes that provide the required **corrosion resistance when operating in the maritime zone**. During the research, a steel grade was obtained that can not only last the entire service life without additional protection, but also withstand harsh climatic conditions, including **regions with operating temperatures below -122°F**.

## THE USE OF WEATHERING STEEL IS RESTRICTED BY UNPAINTED STRUCTURES:

in maritime zone:  
**minimum 1640 ft** away from the coastline as per the standards

if conditions for the formation of a protective film and/or the use of saline solutions for surface cleaning are violated.



STEEL GRADE	SHEET THICKNESS, inch	$\sigma_{0.2}$ , MPa	$\sigma_B$ , MPa	$\delta_5$ , %	TEST TEMPERATURE, °F	IMPACT STRENGTH, J/INCH <sup>2</sup>
SMA490W -MOD (prototype product)	0.236–3.937	355	490–610	21	0	KCU -158°F ≥ 73 KCV -104°F ≥ 73
MARINE GRADE WEATHERING STEEL	0.314–1.968	345	490–685	21	-158 -104	KCU ≥ 73 KCV ≥ 73
		390	530–685	19		



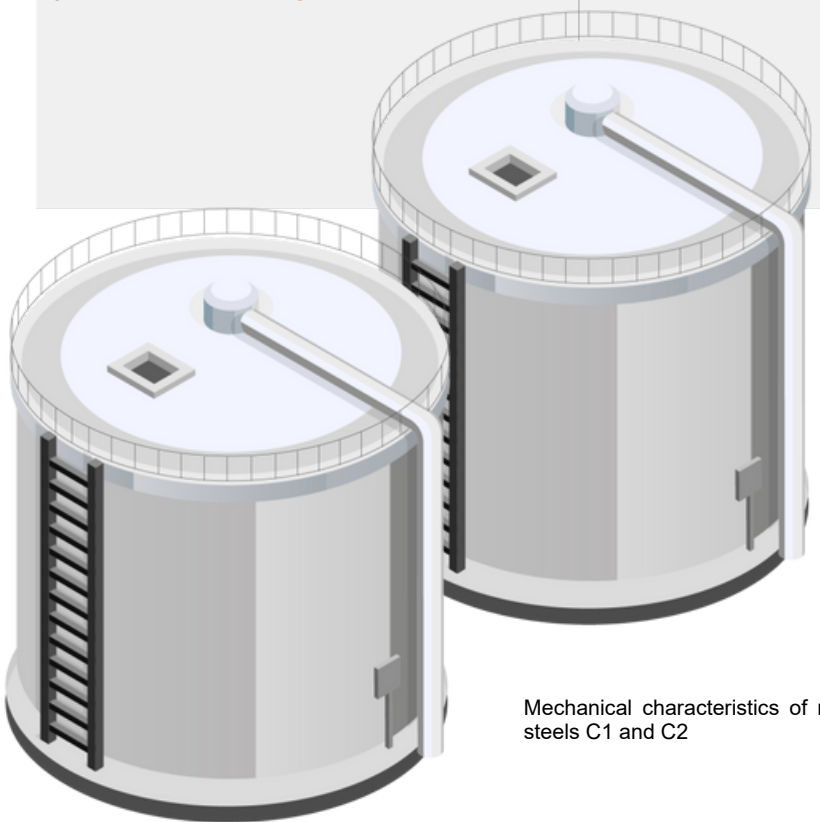
# CRYOGENIC STEEL C1 AND C2

Currently the global LNG market is **380 million MNT** per year. According to all forecasts of leading analysts, the LNG market **will grow until 2050** under any scenarios of carbon-free development of the global economy. Pipeline gas trade is growing by about 1% from year to year, **LNG trade by 6–7%.**

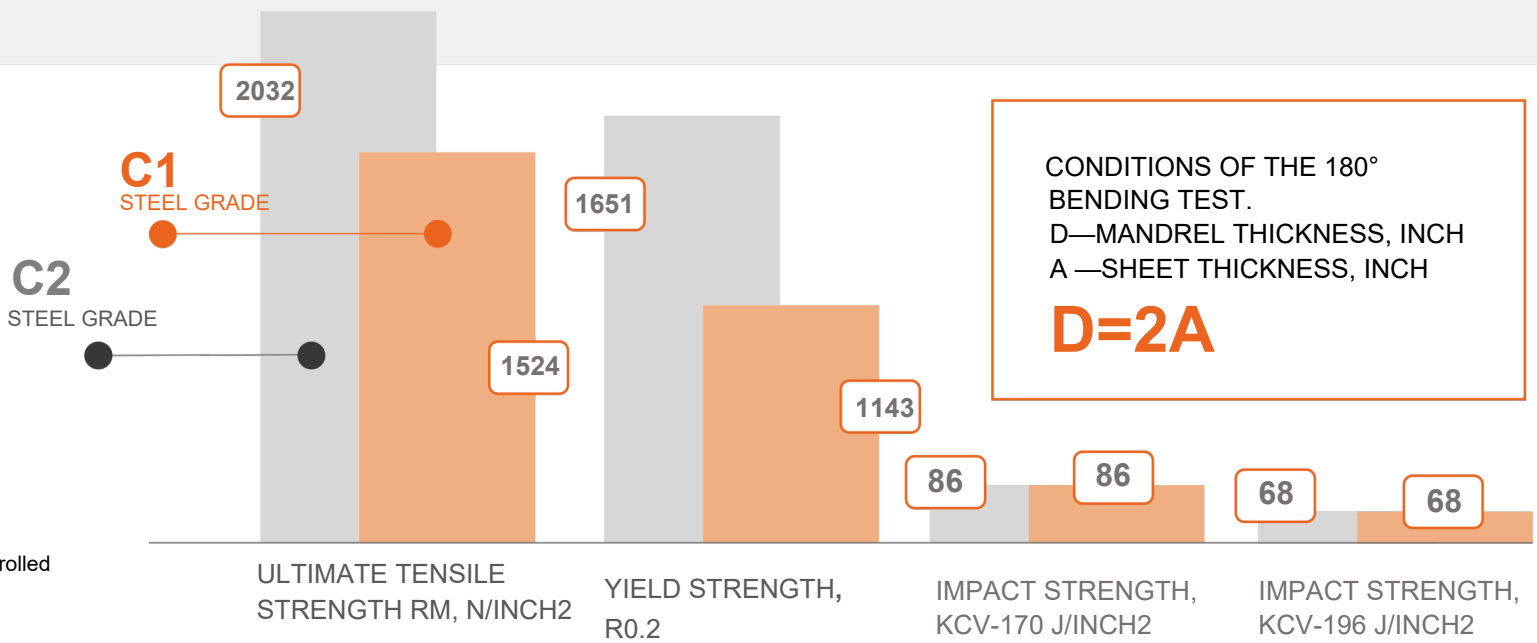
Pipeline gas trade is growing by about 1% from year to year, **LNG trade by 6–7%.**

Ripe Corp LTD sell **cost- effective alloy steel** with full range of mechanical and physical-chemical properties: cryogenic steel grades C1 and C2.

The use of these grades is reasonable because of **the lower price of rolled products** and significantly higher strength characteristics in comparison with austenitic stainless steel.



Mechanical characteristics of rolled steels C1 and C2



# FIRE-RESISTANT STEEL

## CERTAIN REQUIREMENTS FOR FIRE-RESISTANT STEEL:

- The yield strength at **1112–1292 °F** shall not be lower than **0.6** of the yield strength at room temperature.
- The limit state of the structure for the loss of load-bearing capacity (R) shall comply with the project.

THE INNOVATIVE DEVELOPMENT OF PARTNER'S PLATE ALLOWS THIS STEEL TO BE USED AS BUILDING STRUCTURES WITHOUT APPLYING THE NECESSARY PROTECTIVE FIRE-RESISTANT COATING:



STEEL GRADE	MECHANICAL PROPERTIES OF STEEL				
	+68°F			+1112°F	
	Ultimate tensile strength	Yield strength	Relative elongation	Ultimate tensile strength	Yield strength
		minimum			minimum
	N/m inch 2		%	N/m inch 2	
F-R STEEL	19309–26398	13593	21	9456–16548	7880

# BIMETAL ROLLED PRODUCTS

## ADVANTAGES OF BIMETAL ROLLED PRODUCTS:

- **performance characteristics** (wear resistance, corrosion resistance, resistance in aggressive environments) **are 3–6 times higher** than those of carbon steel analogues
- **mechanical strength is higher** than that of stainless steel analogues, the possibility of reducing weight
- **cost is lower** than that of the stainless steel analogues

The use of bimetal rolled products can lead the stainless steel replacement (LNG, gas chemistry, chemicals, nuclear power plants) or as an alternative to ferrous steel to reduce the cost of pipeline repairs.

**BIMETAL** is a double-layered steel consisting of the base layer (usually ordinary strip or structural steel) and cladding layer made of stainless steel.

PURPOSE OF BIMETAL ROLLED PRODUCTS	APPLICATION AREA	EXAMPLES OF APPLICATION
ANTIFRICTION	Mechanical engineering	Friction bearings, elements of brake systems
CORROSION RESISTANCE	Shipbuilding	Icebreak ers
	Nuclear-power engineering	Cooling system tanks
	Oil and gas industry	Pipelines
	Chemical industry	Containers, tanks
WEAR RESISTANCE	Agricultural machinery	Soil treatment equipment
	Heavy engineering and automobile industry	Excavator buckets, vehicle bodies (dump trucks)
ELECTRICAL ENGINEERING	Electronics	Conductors and parts of

The volume of bimetal consumption in the world is at the level of 180 thousand tonnes with the potential to grow to 260 thousand tonnes by 2025.



**RIPE CORP LTD**  
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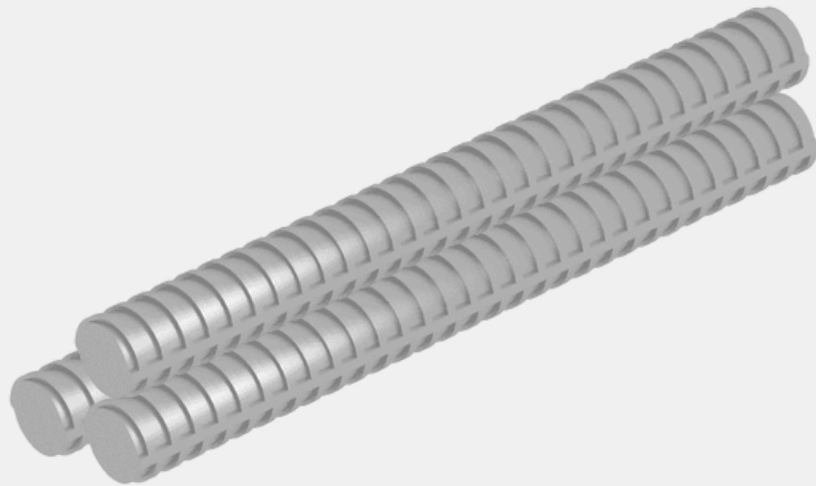
**REBAR**





# REBAR

Ripe Corp LTD supplies high-quality rebar from multiple countries and can produce it according to the customer's required standards, ensuring reliable volumes, competitive pricing, and dependable logistics.



<b>SIZE:</b>	<b>LENGTH:</b>	<b>STEEL GRADES:</b>	<b>CLASS:</b>
0.314-0.787 inch	460.629 inch	st3, 25G2S, 35GS	A500, A500C (A240, A800, A1000 upcoming)

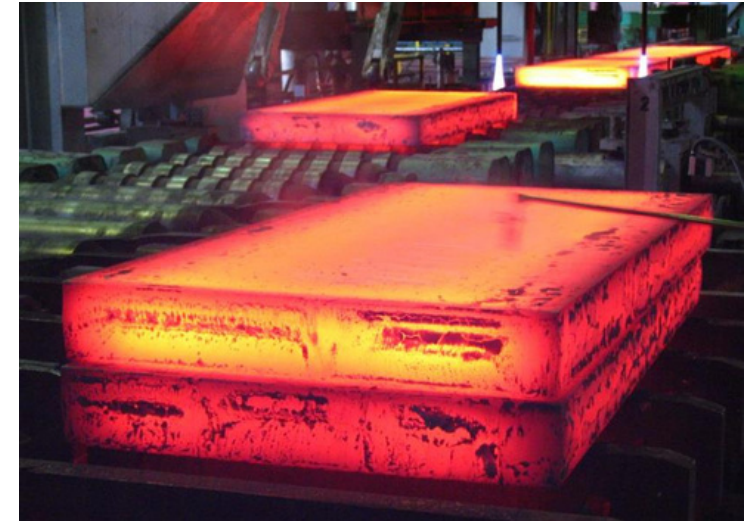
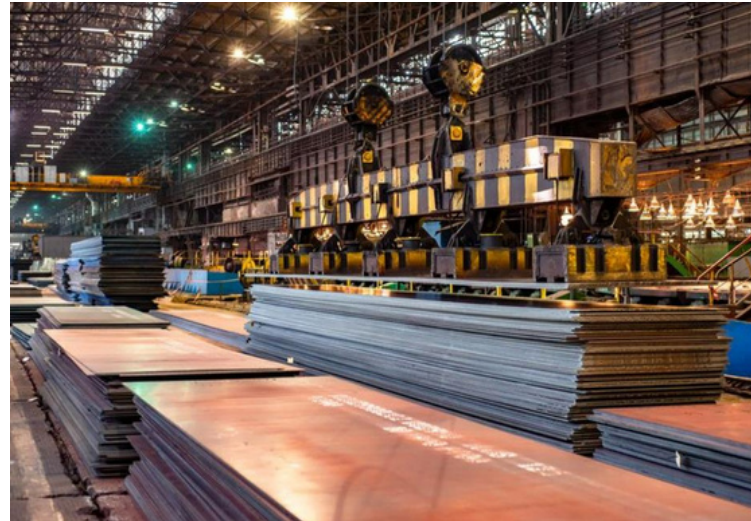
**PACKAGING:**  
packs weighing up to 2 MT

## THE USE OF REBAR:

- Reinforced concrete;
- Foundations;
- Walls and Columns;
- Slabs and Floors;
- Bridges and other infrastructure.



# CAPABILITIES OF RIPE CORP LTD



## THE LARGEST PLANTS

- **5 MAIN PROCESS STAGES:** SINTERING, COKE AND BY-PRODUCT, BLAST-FURNACE, STEEL MAKING AND ROLLING
- MORE THAN **100 GRADES OF CARBON AND ALLOY STEELS**

## HIGH PERFORMANCE

- CAST IRON: **2.4 MILLION TONNES PER YEAR**
- CONTINUOUSLY CAST STEEL BILLET, ROUND AND RECTANGULAR: **1.5 MILLION TONNES PER YEAR**
- ROLLED PRODUCTS: **900 THOUSAND TONNES PER YEAR**
- HEAT-TREATED ROLLED PRODUCTS: **UP TO 80 MILLION TONS PER YEAR**

## MAJOR INFRASTRUCTURE PROJECTS IN DIFFERENT COUNTRIES

- **MORE THAN 100 BRIDGES** CONSTRUCTED FROM PRODUCTS WE TRADE
- **DOZENS** OF OBJECTS CONSTRUCTED FROM STRUCTURAL STEEL FOR CONSTRUCTION
- **HIGH QUALITY** STEELS FOR STRATEGIC OIL AND GAS PIPELINES





**RIPE CORP LTD**  
**International Trading Company**

**CONTACT US**



**+972 53-4351751**



**ripecorp.ltd@gmail.com**

