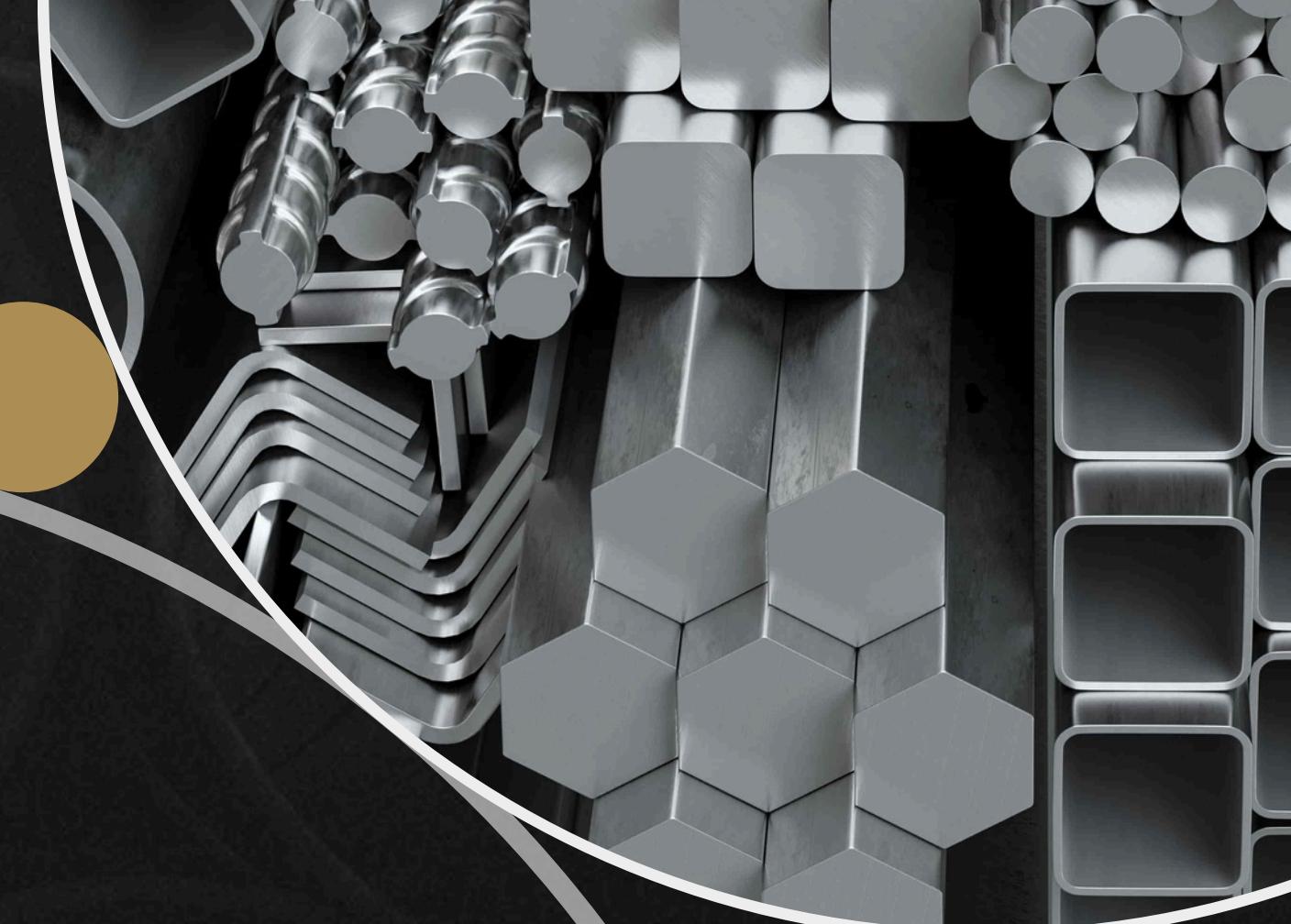




RIPE CORP LTD
International Trading Company

CATALOG

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



WORLD-CLASS TRADER



RIPE CORP LTD
International Trading Company

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



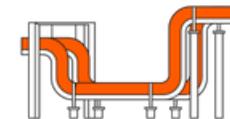
REBAR



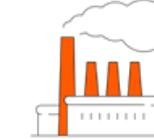
OTHERS



USING OF PRODUCTS:



PIPELINES



OIL AND GAS INDUSTRY



BRIDGE CONSTRUCTION



CONSTRUCTION



SHIPBUILDING



MECHANICAL ENGINEERING



RIPE CORP LTD
International Trading Company

PIPE



EXTRA-LARGE DIAMETER



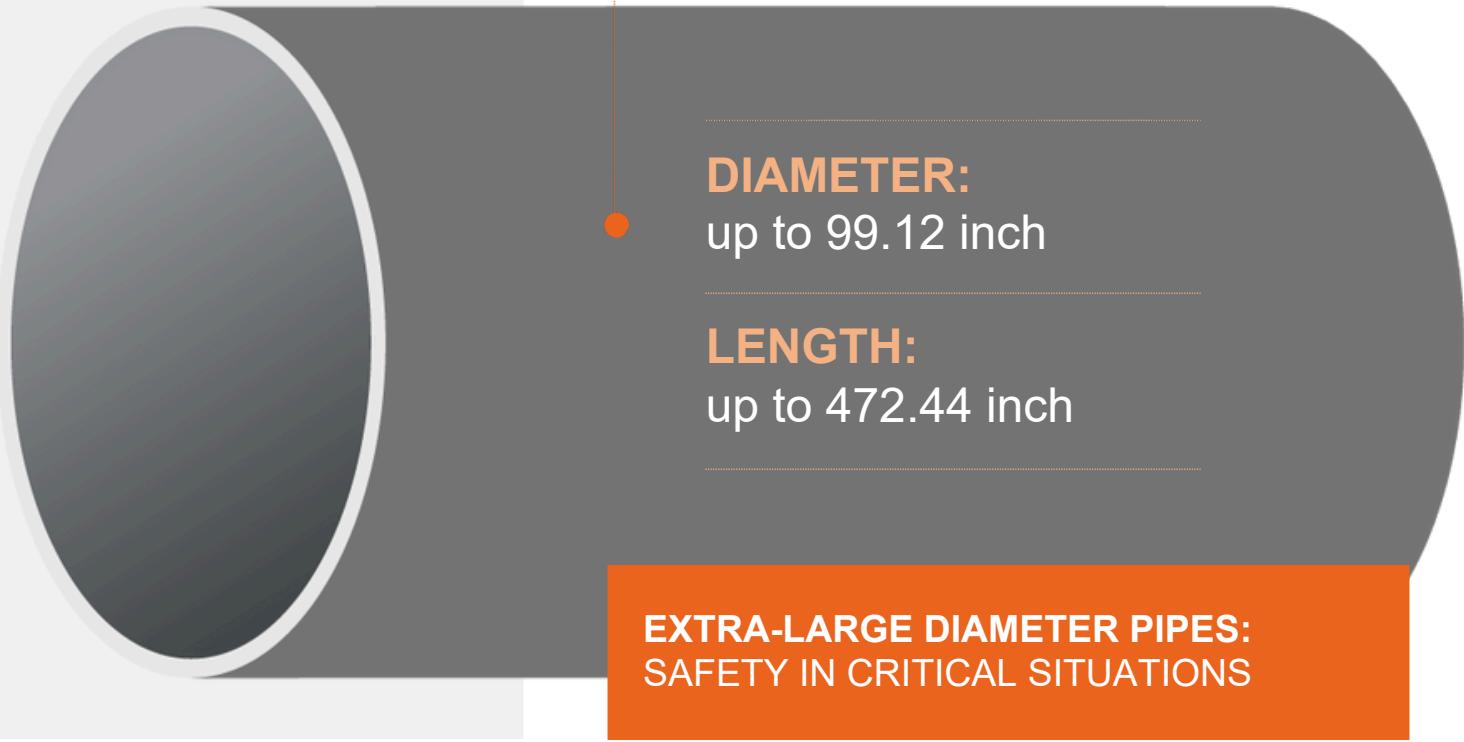
RIPE CORP LTD
International Trading Company



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



RIPE CORP LTD
International Trading Company

- 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



AMERICAN PETROLEUM INSTITUTE

NEW RANGE OF PIPES FOR TRANSPORTATION OF HYDROGEN



RIPE CORP LTD
International Trading Company



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

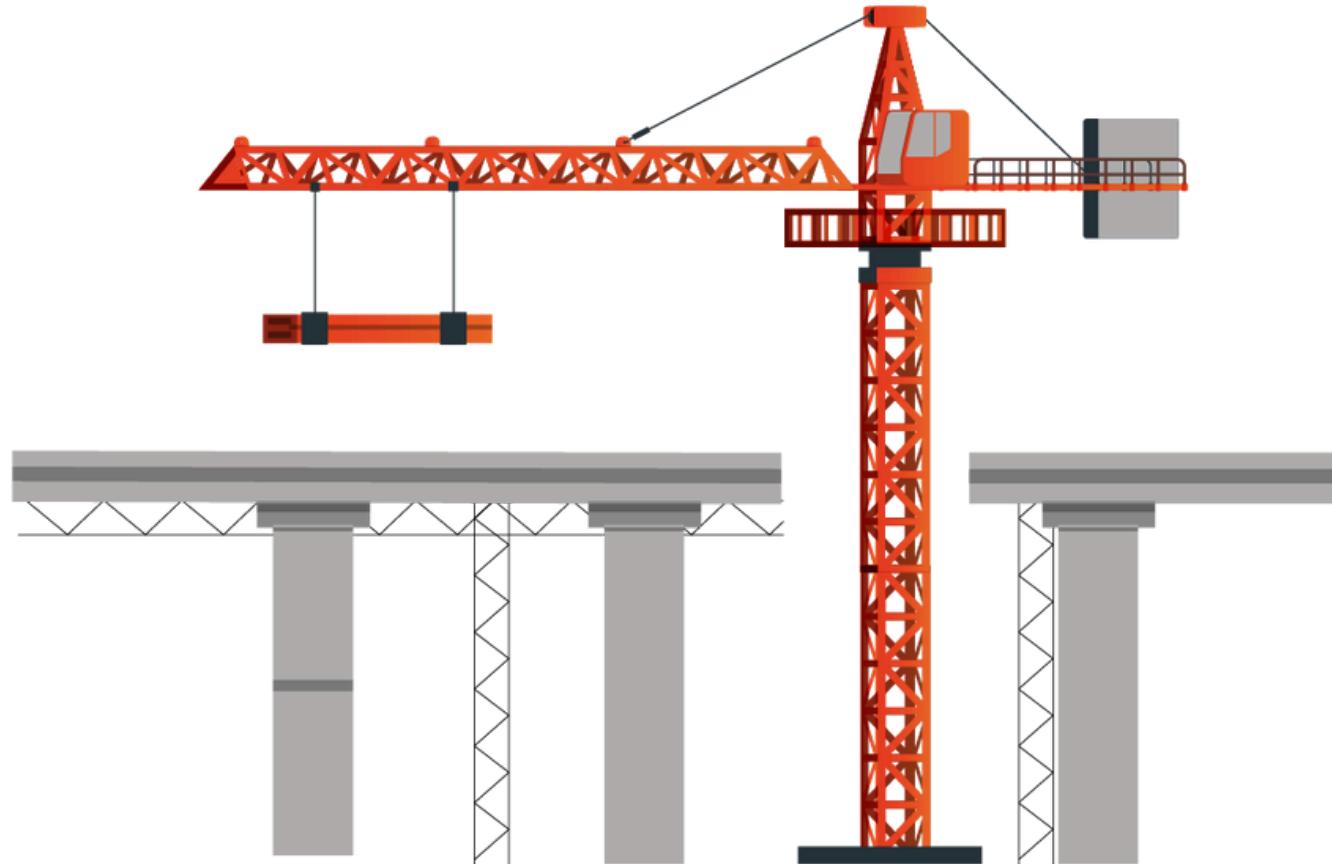
BY 

PILES FOR BRIDGES AND OVERPASSES



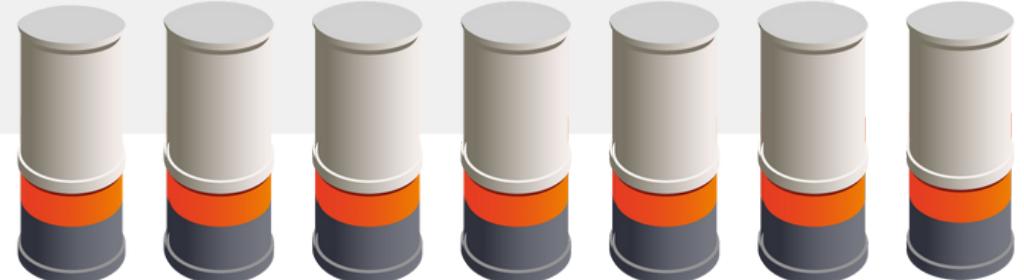
RIPE CORP LTD
International Trading Company

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



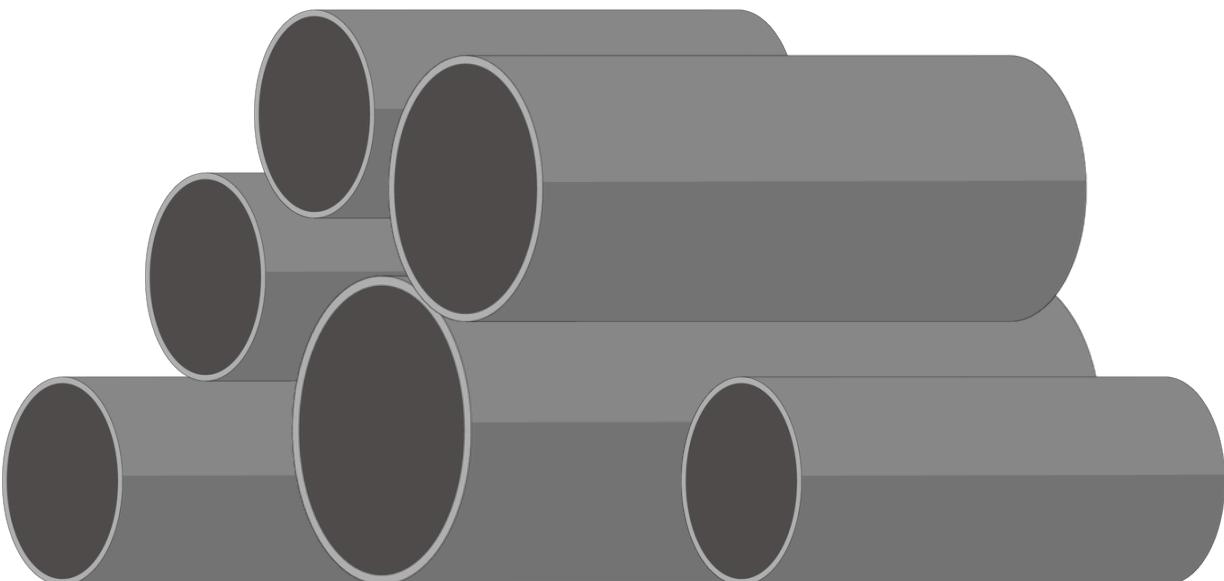
AREAS OF APPLICATION:

- 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 | |
| | 1.9685 | 0.1378–0.1575 | |
| | 2.1260 | 0.1378–0.2362 | |
| | 2.2441 | 0.1378–0.2362 | |
| | 2.3622 | 0.1378–0.2362, 0.3149 | 14.76–39.37 |
| | 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 | |
| Hot-deformed seamless steel pipes for the welded steel structures | 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 | |
| | 2.7559 | 0.1181–0.5512 | |
| | 2.8740 | 0.1181–0.5512 | |
| | 2.9921 | 0.1181–0.5512 | |
| | 3.2677 | 0.1378–0.5512 | 14.76–39.37 |
| | 3.5039 | 0.1378–0.5512 | |
| API Spec 5L Seamless hot-rolled steel pipes | 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 | |
| | 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 | |
| Seamless hot-rolled steel pipes | 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 | 14.76–39.37 |
| | 1.3780 | 0.1142–0.3150 | |
| | 1.4961 | 0.1142–0.3150 | |
| | 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, 5355JOH, S355J2H, S275NH, S275NLH, S355NH, 5355NLH, 5460NH, 5460NLH, S275MH, 5275MLH, S355MH, S355MLH, 5420MH, 5420MLH, S460MH, S460MLH;
- SAWL PIPES: EN10224, L235, L275, L355;
- SAWL PIPES: ISO 3183:2019 ANNEX A, UP TO STEEL GRADE X80ME/X60NE/X800QE
- SAWL PIPES: API5L 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: API5L 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**

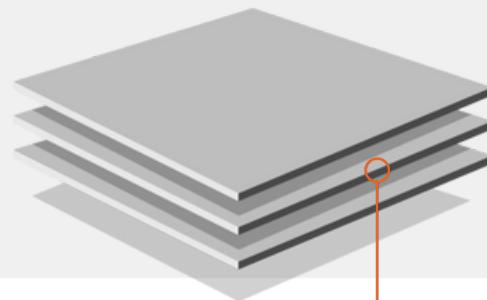


PRODUCTS



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 **STANDARD:** DIN, EN, DNV etc

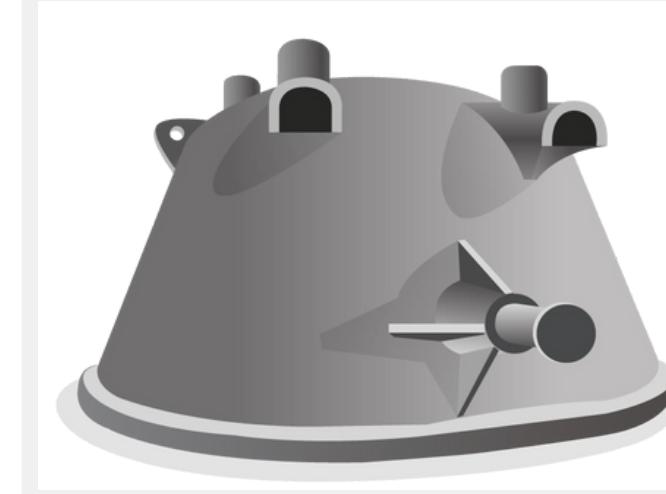
SUPPLY CONDITION:

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



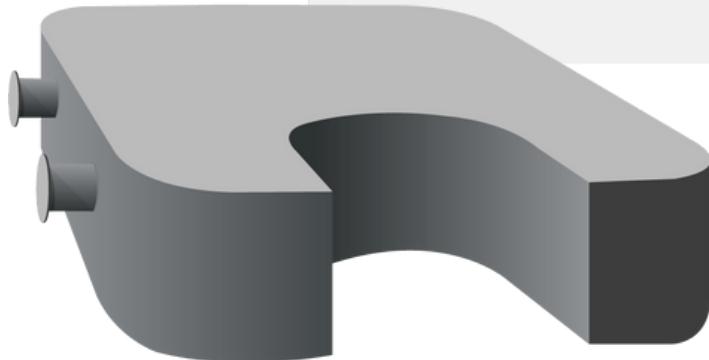
RIPE CORP LTD
International Trading Company

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

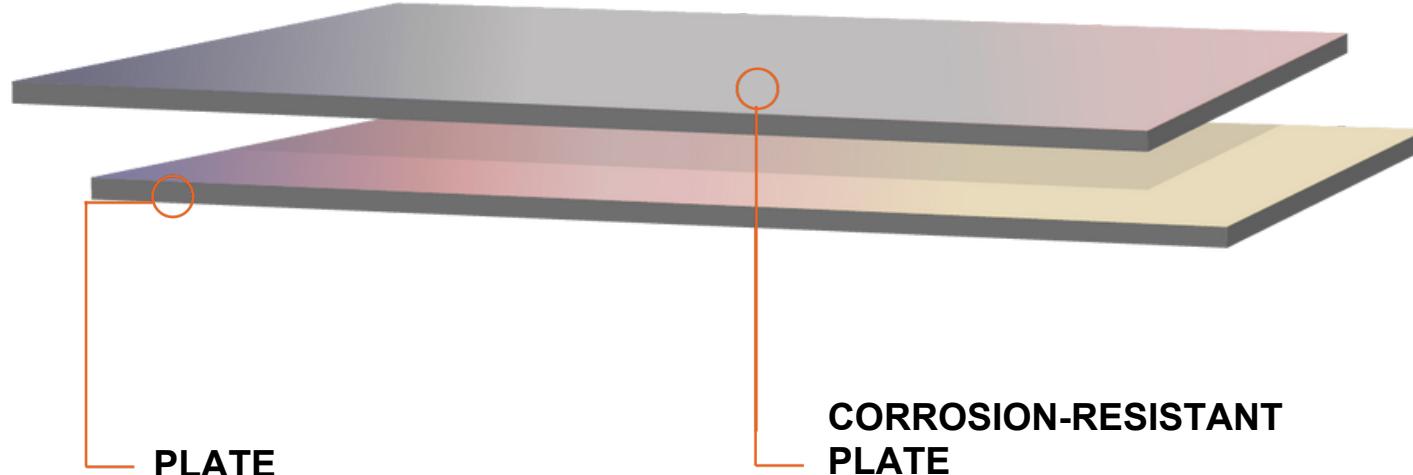
ROLLED STEEL



FLAT-ROLLED PRODUCTS



RIPE CORP LTD
International Trading Company



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 CO₂-and H₂S-environments ≤ 0.019 inch/year

FLAT-ROLLED PRODUCTS FOR STEEL STRUCTURES AND TANKS

PLATE SIZE RANGE:

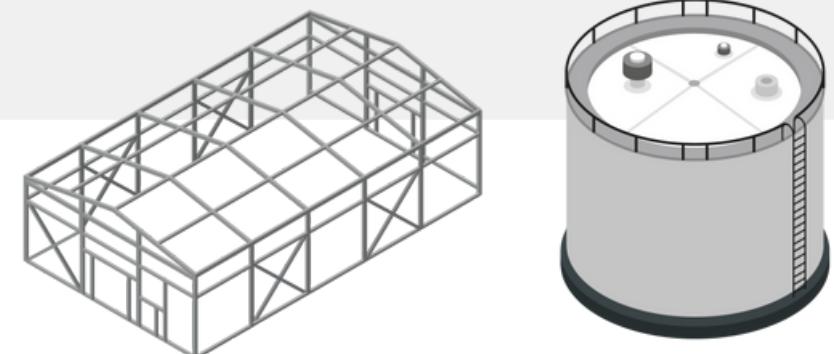
- thickness: 0.314–1.968 inch
- width: 59.05–98.42 inch
- length: 177.16–472.44 inch

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



RIPE CORP LTD
International Trading Company



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.



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**.

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



MARINE GRADE WEATHERING STEEL



RIPE CORP LTD
International Trading Company

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 maritimezone**. 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 | σ_B , MPa | $\delta_{5, %}$ | TEST TEMPERATURE, °F | IMPACT STRENGTH, J/INCH ² |
|----------------------------------|-----------------------|----------------------|------------------|-----------------|----------------------|--|
| 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



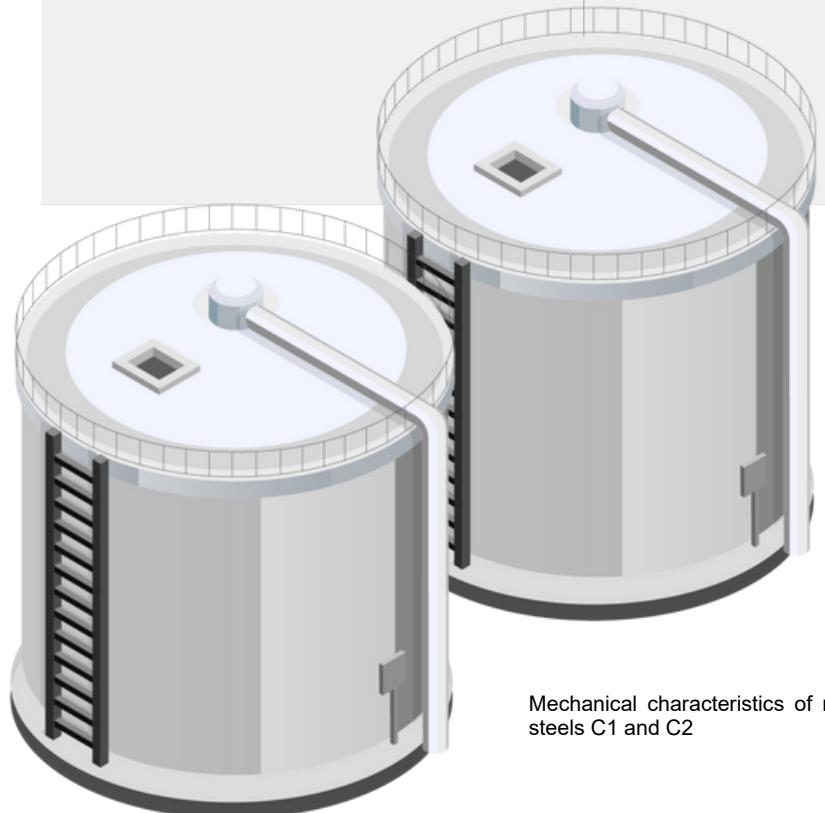
RIPE CORP LTD
International Trading Company

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%**.

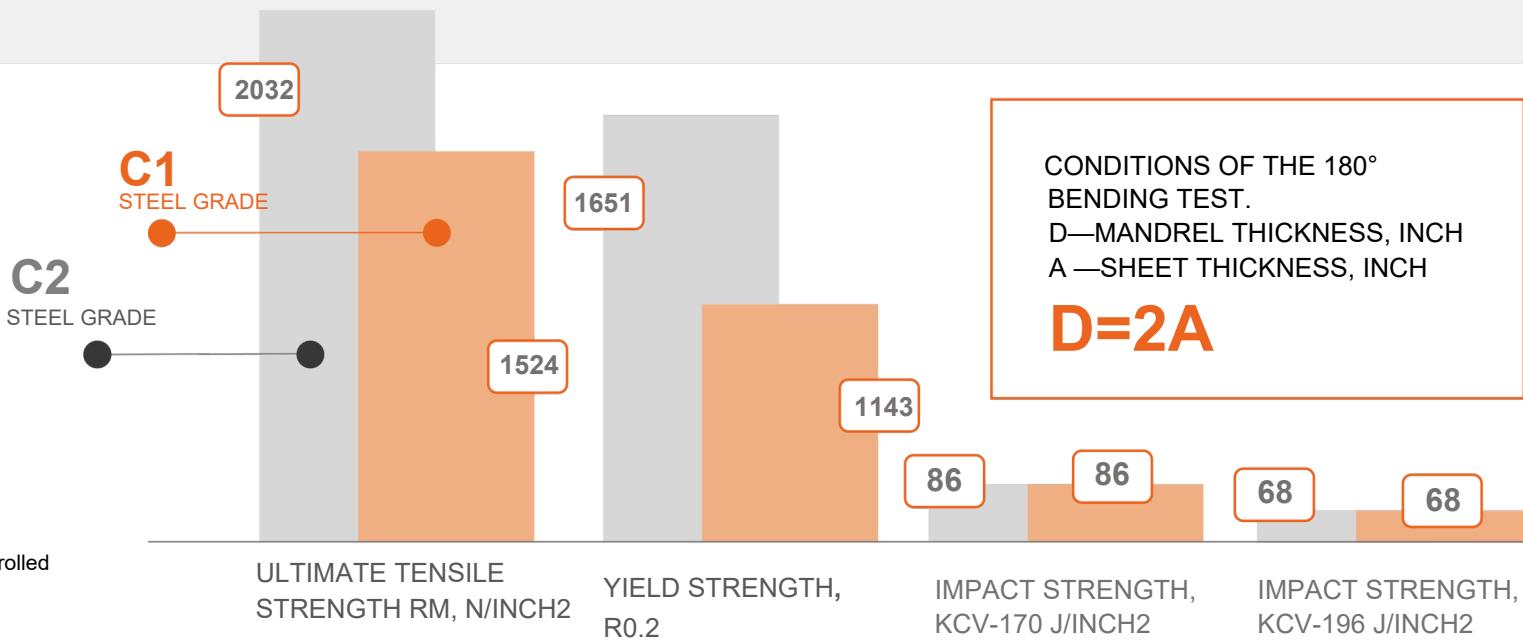
Pipeline gas trade is growing by about 1% from year to year, **LNG trade by 6–7%**.

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



RIPE CORP LTD
International Trading Company

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 | | |
| F-R STEEL | N/m inch 2 | % | | N/m inch 2 | |
| F-R STEEL | 19309–26398 | 13593 | 21 | 9456–16548 | 7880 |

BIMETAL ROLLED PRODUCTS



RIPE CORP LTD
International Trading Company

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 |
| | Shipbuilding | Icebreakers |
| | Nuclear-power engineering | Cooling system tanks |
| | Oil and gas industry | Pipelines |
| | Chemical industry | Containers, tanks |
| CORROSION RESISTANCE | Agricultural machinery | Soil treatment equipment |
| | Heavy engineering and automobile industry | Excavator buckets, vehicle bodies (dump trucks) |
| WEAR RESISTANCE | Electronics | Conductors and parts of |
| ELECTRICAL ENGINEERING | | |

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
International Trading Company

REBAR

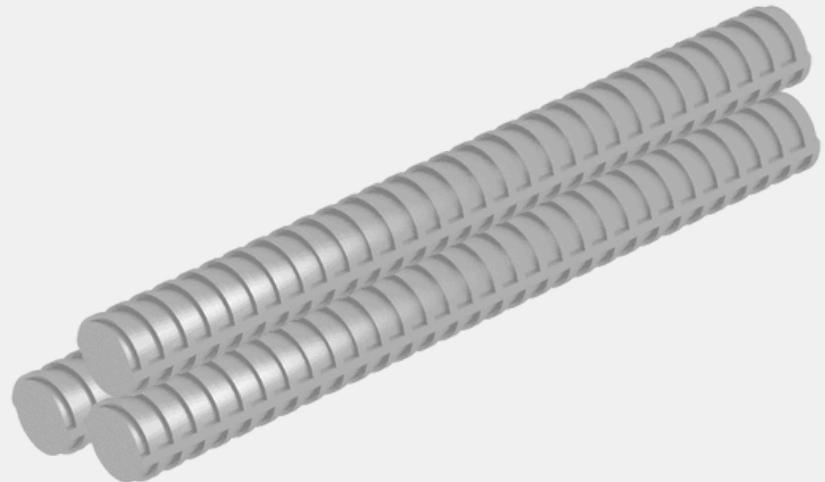


REBAR



RIPE CORP LTD
International Trading Company

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.



SIZE: 0.314-0.787 inch **LENGTH:** 460.629 inch **STEEL GRADES:** st3, 25G2S, 35GS **CLASS:** 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



RIPE CORP LTD
International Trading Company



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**
- **ROLLED PRODUCTS:
900 THOUSAND
TONNES PER YEAR**
- **CONTINUOUSLY CAST
STEEL BILLET, ROUND
AND RECTANGULAR:
1.5 MILLION 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

