



الاتحاد للحديد والصلب ش م م
Union Iron & Steel LLC

Manufacturers of Welded Wire Mesh, Galvanized Wire and Cold Drawn Rebars.





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ABOUT US

Who we are?

Union Iron & Steel LLC is one of the leading Manufacturers of a wide range of Steel Products used in the Construction Industry. The UIS Group caters to a diverse range of applications under UIS Brand and offers Products manufactured at the Groups ISO 9001:2015 accredited Production Facilities strategically located in the Middle East. The Middle East Plant is Located 6 kms from the Port of Sohar in The Sultanate of Oman and a mere 150 Kms from the Global Commercial Hub of Dubai. 3.Our facilities & market position allow us to tailor offers and service all customers, from the smallest to the largest and we service all segments of the construction industry.



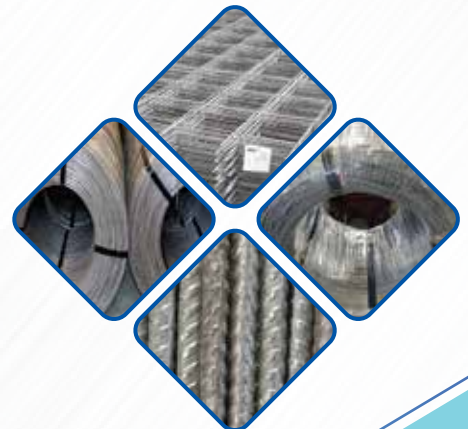
What we do?

The company focus on producing high quality products at globally competitive pricing, timely deliveries by employing qualified engineers & professionals to manage the in-house quality, environment, health and safety (QEHS) departments. Our experienced and highly qualified team is dedicated to manufacture and deliver better quality product timely at globally competitive prices to our valued customers.



Why Union Iron & Steel LLC?

Union Iron & Steel LLC (UIS) has established a reputation of going 'the extra mile' for customers with an ever increasing product portfolio Ranging from Rebars and Wire Mesh, GI & Bright Wire & covering a wide range of Products required in the Construction Industry. With a strong emphasis on building customer relationships that last. We are a responsive business partner that can ensure quality and security of supply. We value strong relationships with our customers and believe that commercial relationships are a learnt skill.



Chairman / Managing Directors Message

Union Iron & Steel LLC is young, dynamic and result oriented organization. A 100% Omani owned company, we are adopting new concepts and processes to comply with the changing need of the customers, suppliers and all our stakeholders. Being a part of Oman Vision 2040 we are taking the responsibility in increasing the domestic production and improve our export market.

Our production facility is 100% environment friendly keeping up with the Green Economy concept of the country. We have managed to achieve this through our high-tech, fully automated manufacturing systems, backed by latest technology equipped to meet international standards. With our primary focus on quality we have managed to achieve international grading's in all our products while using best & highest quality raw materials. Due to quality and standards we maintain many local and international companies have chosen us to be their preferred partners on many projects in Oman and overseas.



We value our staff not only as manpower, but as individuals who are very much sharing our mission and vision. That makes us to take health and safety in the workplace paramount importance to us. It is in light of our commitments to our stakeholders and principles that the policy of **Union Iron & Steel LLC** formulated, which is to provide and maintain safe and healthy working conditions, equipment and systems of work for all employees & other people who may be affected by our activities.

We are excited to see what challengers lie ahead of **Union Iron & Steel LLC**. I am confident that with our state of the art production facility backed by experienced staff and a dedicated team of professionals, with the support of our local and international partners and our stakeholders we will continue to grow our business and become one of the leading manufactures in the region and beyond.

I would like to sincerely thank our staff, valued consumers, suppliers and all stakeholders for continued support in ensuring that we become a leading Construction Metal Manufacturing Company.

Managing Director

H.E. Said Saleh Said Al Kiyumi



Mission, Vision & Values

Every company has their own set of dreams. Envisioning to achieve them successfully is the core intention of any company. The basic foundation of a company starts with the kind of vision it has, the set of missions it aims to address and achieve. At **Union Iron & Steel**, we are no exception. We are led by our core business ethics and principles that reflect in our strategic business direction.

“if you are working on something exciting that you really care about, you don’t have to be pushed. The vision pulls you”.

- Steve Jobs

Our Vision

We envisage;

- To make a difference with our service
- We aspire to be a pioneer manufacturer in the regions we operate in
- “Strengthening and reinforcing trust” of our clients, stakeholders, employees and the community as a whole.

Our Mission

A vision being the wider spectrum, it needs to be favored by more precise and strategically targeted mission. Dreaming to make a difference and acting on it to satiate the urge of fulfilling it and finally delivering it is what we focus on. Our mission therefore is;

- To be recognized as a reliable and a valued manufacturer and a global supplier of our products



Products & Services

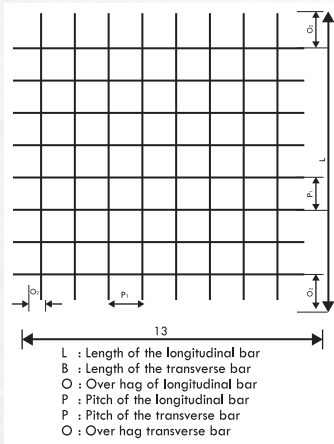
● Welded Wire Mesh ●

Product Information:

Welded wire mesh is extensively used to reinforce concrete in the construction industry. It is made up of high tensile steel bars which are welded together by the process of electric fusion. The mesh is basically a metal screen that is made up of low carbon steel wire.

It is a prefabricated welded grid consisting of a series of parallel longitudinal wires with accurate spacing welded to cross wires at Precise Calibrated spacing. Machines are used to produce the mesh with precise dimensional control and hence they have a tremendous Advantage over the Conventional Mesh by the traditional Tying method.

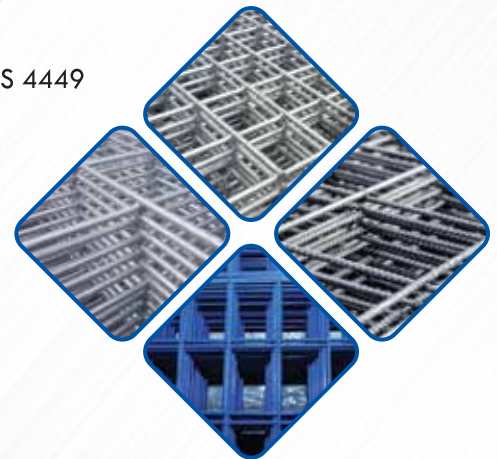
Welded wire mesh also provided in epoxy coated in blue color with each coating is precisely applied for increased corrosion resistance & durability as per international standard. Formulated to withstand harsh conditions such as high moisture/ humidity, UV exposure, salts & acids.



Specifications:

Standard Mesh for Concrete Reinforcement according to

- BS 4483:2005 & DIN 488
- ASTM A 1064-16
- The rebar used in Mesh conforms to BS 4449
- A 884/A 884 M (Epoxy Coated)



Our standard Product parameters are:

Max sheet length	: 6 meters
Max sheet width	: 3.2 meters
Long wire dia	: Max-12.00mm, Min-5mm
Cross wire dia	: Max-12.00mm, Min-5mm
Long wire spacing	: Multiples of 100, 150, 200mm-Min 100mm-Max 400mm
Cross wire spacing	: Multiples of 100 mm

Special Sizes specification could be on Customer request.

Products & Services

Features:

- Used as a substitution for the conventional time consuming method of reinforcement tying loose bars together.
- Accelerates the construction program by reducing the fixing time. Thus, saving man hours resulting in reduced Manpower and hence Monetary Savings
- Improvement in accuracy of work and safety / health benefits by reducing on site handling and cutting thereby reduction in the number of Onsite Casualties.
- Due to uniformity of steel for a given area, better distribution of steel for nominal control over cracking and shear.
- Ensures Easy interpretation for steel fixing drawing with checking and detailing, due to Standard Calibration and thus reduces fixing errors.

Applications:

- Reinforced concrete floors, curtains, retaining walls, foundations.
- Road surface & concretization of Parking Lots, airports, tunnels and galleries.
- Swimming pools, channels, prefabricated structure elements.
- Ready to fix stirrup in beams and columns.
- Used as Kind of barrier fencing.

MOST COMMONLY USED STANDARD SHEETS TO BS4483: 2005

Sheet Size	Type	Pitch		Wire Size		Cross sectional Area/ Meter width		Weight	
		Main mm	Cross mm	Main mm	Cross mm	Main mm ²	Cross mm ²	Sheet kg.	m ² kg.
m									
SQUARE FABRICS :TYPE -A									
2.4 x 4.8	A98	200	200	5	5	98	98	17.7	1.54
2.4 x 4.8	A142	200	200	6	6	142	142	25.6	2.22
2.4 x 4.8	A193	200	200	7	7	193	193	34.8	3.02
2.4 x 4.8	A252	200	200	8	8	252	252	45.5	3.95
2.4 x 4.8	A393	200	200	10	10	393	393	71.0	6.16
2.4 x 4.8	A565	200	200	12	12	565	565	102.3	8.88
RECTANGULAR FABRICS :TYPE -B									
2.4 x 4.8	B196	100	200	5	7	196	193	35.1	3.05
2.4 x 4.8	B283	100	200	6	7	283	193	43.0	3.73
2.4 x 4.8	B385	100	200	7	7	385	193	52.2	4.53
2.4 x 4.8	B503	100	200	8	8	503	252	68.3	5.93
2.4 x 4.8	B785	100	200	10	8	785	252	93.8	8.14
2.4 x 4.8	B1131	100	200	12	8	1131	252	125.6	10.90
RECTANGULAR FABRICS :TYPE -C									
2.4 x 4.8	C283	100	400	6	5	283	49.0	30.1	2.61
2.4 x 4.8	C385	100	400	7	5	385	49.0	39.3	3.41
2.4 x 4.8	C503	100	400	8	5	503	49.0	50.0	4.34
2.4 x 4.8	C785	100	400	10	6	785	70.8	77.4	6.72



Products & Services

● Cold Drawn Rebar ●

Product Information

Rebar (short for reinforcing bar), known when massed as reinforcing steel or reinforcement steel, is a steel bar or mesh of steel wires used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid the concrete under tension. Concrete is strong under compression, but has weak tensile strength. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often "deformed" with ribs, lugs or indentations to promote a better bond with the concrete and reduce the risk of slippage.

Concrete is a material that is very strong in compression, but relatively weak in tension. To compensate for this imbalance in concrete's behavior, rebar is cast into it to carry the tensile loads. Rebar is also employed to confer resistance to concentrated loads by providing enough localized resistance and stiffness for a load to spread through a wider area. Rebar may also be used to hold other steel bars in the correct position to accommodate their loads.

Specifications:

Standard Rebar for Concrete Reinforcement according to
• BS 4449:2005

Our standard Product parameters are:

Max rebar length : 12 meters
Wire dia : Max-10 mm, Min-6 mm

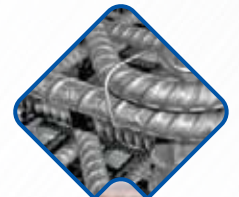
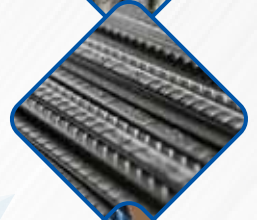
Special Sizes specification could be on Customer request.

Applications:

- Reinforced concrete floors, curtains, retaining walls, foundations.
- Road surface & concretization of Parking Lots, airports, tunnels and galleries.
- Swimming pools, channels, prefabricated structure elements.
- Ready to fix stirrup in beams and columns.

LINEAR MASS & NUMBER OF REBARS IN 1 MT

Diameter in mm	Nominal Weight per unit length in Kg/M	Nominal Cross-section Area (mm ²)	Minimum number of bars in 12 M length (-0/+100 mm) of 2 MT bundle
8	0.395	50.27	211
10	0.617	78.54	135



Products & Services

● Cold Rolled Reinforcement Coils ●

Product Information

The cold-rolled steel wire was first developed and used by West Germany in 1968 as a new and effective construction material and the substitute for first class steel (polished and round steel bar). The products have advantages of good weldability, strength, concrete bonding, etc.

Union Iron & Steel LLC can produce Cold Rolled Steel Wires either in Plain or Deformed type from 5mm to 12mm diameter. We can supply cut to lengths in bundles of weight up to 1 Ton and maximum length of 12 Meters or Compact Coils with following dimensions:

Packaging – Compact Coils are securely strapped at 3 points in three different types.

Specifications:

Standard Mesh for Concrete Reinforcement according to

- BS 4483:2005 & DIN 488
- BS 4449:2005 Grade B 500A
- ASTM A 1064-16

Our standard Product parameters are:

Details of Coils	Weight	750 Kgs	1500 Kgs	2000 Kgs
Internal Diameter	ID	550mm	560mm	500/560mm
Outer Diameter	OD	980mm	1050mm	950mm
Height of Coils	HT	340mm	550mm	780mm

*Other Coil size and weight can be negotiated.

Advantages:

Cold rolling increases the tensile strength and the ribbing guarantees the perfect bond with concrete. The manufacturing process determines the mechanical properties and the dimension of the bars. Quality control secures (by continuous testing), a high and steady quality level, surpassing what is normally requested in the standards.



Products & Services

● Galvanized & Bright Wire ●

Product Information

Galvanization or galvanizing is the process of applying a protective zinc coating to steel, to prevent rusting. The Galvanized or Bright wire is basically a metal that is made up of low carbon steel wire. Wire is drawn using the latest-generation straight-line dry drawing machines. It also equipped with rotary dies & in-line quality control as a guarantee of consistent diameter & impeccable, smooth surface finish.

Galvanized wire is widely used in applications where corrosion resistance is needed without the cost of stainless steel, and is considered superior in terms of cost and life-cycle. Many people purchase galvanized steel wire to protect their properties. Because galvanized steel wire is so durable, it can be easily utilized to create a Nails, fence around the perimeter of your home. Although cutting the wire is a labor-intensive, it is worth the effort for those who want added security.

Specifications:

Standard GI & Bright Wire according to

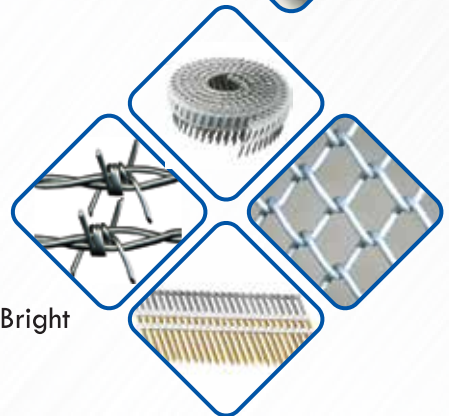
- ASTM A 641
- ASTM A 153
- BS4637/DIN17223
- ASTM-F 1667
- ASTM-A 370

Our standard Product parameters are:

Wire diameter range	: Min 1.5 mm to Max 5 mm
Grade Range	: SAE AISI 1006 to 1065
Type	: Galvanized (100 GSM to 600 GSM) & Bright
Coil Weight	: 600 kg to 1000 kg each
Coil ID	: 450 mm to 520 mm
Coil OD	: 750 mm to 900 mm
Packing	: Stretch Film with HDPE roll 2 layers

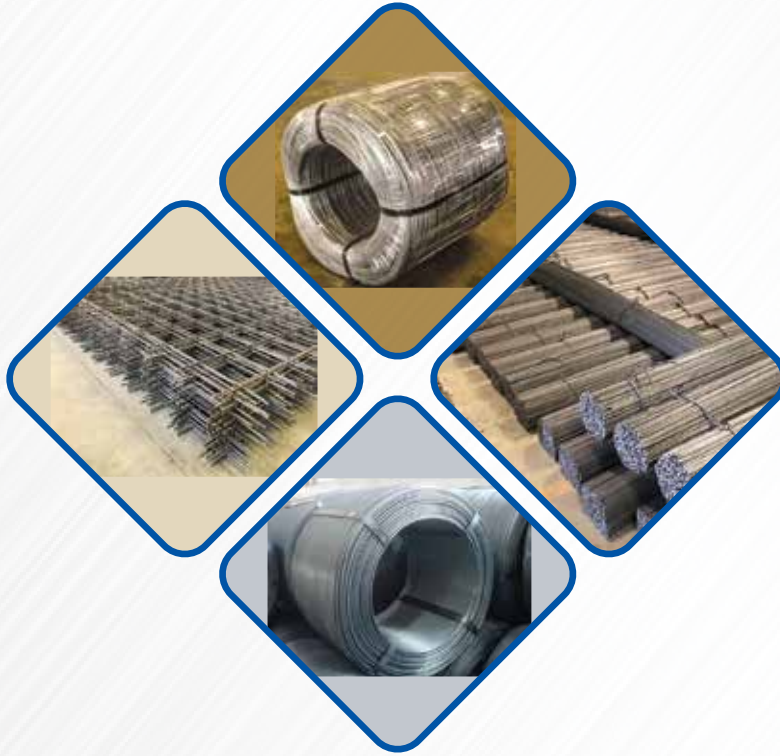
Applications:

- Fasteners
- Mesh
- Chain Link
- Barb Wire, Fence





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