

AZAROS

General Trading FZE


AZAROS
Connecting the World with Copper

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Execution Focus



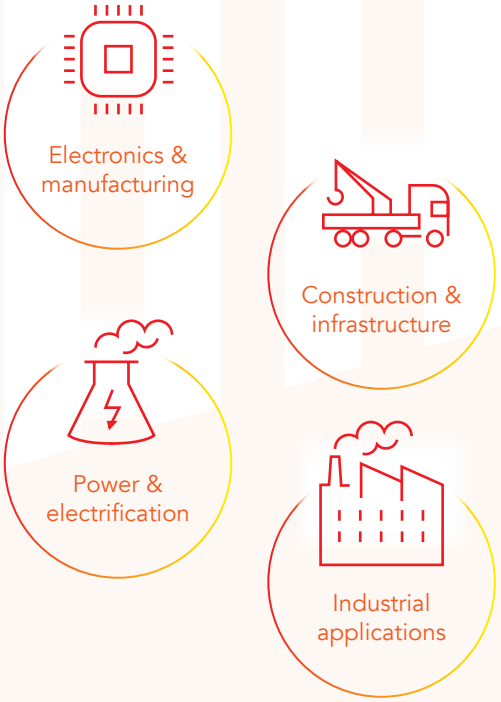
About Us

Azaros General Trading FZE is a metals trading company headquartered in Dubai, operating at the intersection of global supply chains and industrial demand. We focus on the sourcing, movement, and delivery of copper products that are critical to modern manufacturing, infrastructure, and electrification.

From procurement to logistics, our role is to connect producers and consumers through efficient, well-structured trade flows. We operate with a strong emphasis on transparency, execution discipline, and long-term partnerships, ensuring that every transaction is commercially sound and operationally reliable.

While copper is our core focus today, Azaros is built with the flexibility to evolve alongside market demand and industrial transformation.

Markets We Serve



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Vision

To grow into a recognised trading partner within the global copper ecosystem, supporting industries driving electrification and infrastructure development.

Mission

To enable the efficient flow of copper through global markets by combining disciplined trading, strong logistics coordination, and uncompromising standards on quality, documentation, and delivery — supporting our partners as industries scale, electrify, and modernise.

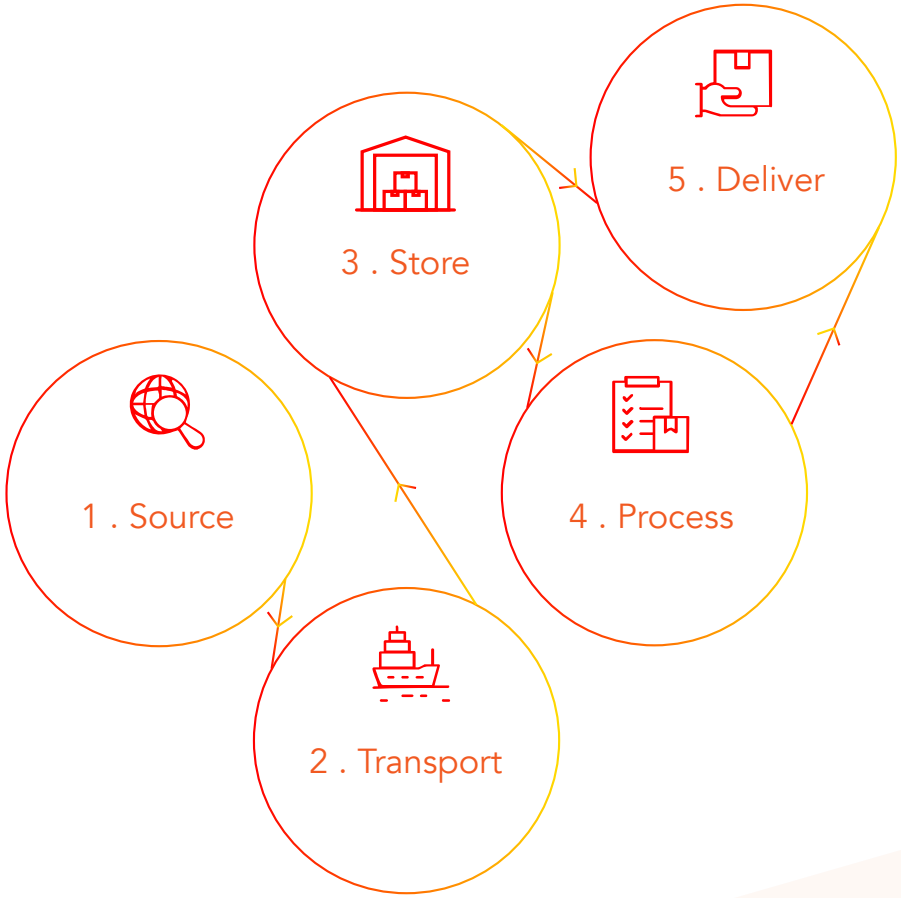
Sustainability & Responsibility

Copper is foundational to electrification, energy efficiency, and modern infrastructure. At Azaros, our trading activity is aligned with the global shift toward more energy-efficient systems and electrified industries.

By focusing on responsible sourcing, efficient logistics, and disciplined trade structures, we ensure that the materials we move contribute to long-term industrial progress — not just short-term transactions.

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How we work

Azaros connects refined copper supply with industrial demand across the full trade lifecycle.
We source copper from established producers, manage global logistics by land and sea, coordinate processing through selected partners, and deliver finished copper products to clients worldwide.

Our integrated approach allows us to respond quickly to market needs while maintaining strict control over quality, handling, and delivery timelines.

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1. Source

We source refined copper products including rods and other finished or semi-finished materials from trusted global suppliers.

2. Transport

We manage global logistics by sea and land to ensure safe and efficient movement of refined copper products.

3. Store

We store copper products under controlled conditions, ensuring proper handling, traceability, and readiness for customer dispatch.

4. Process

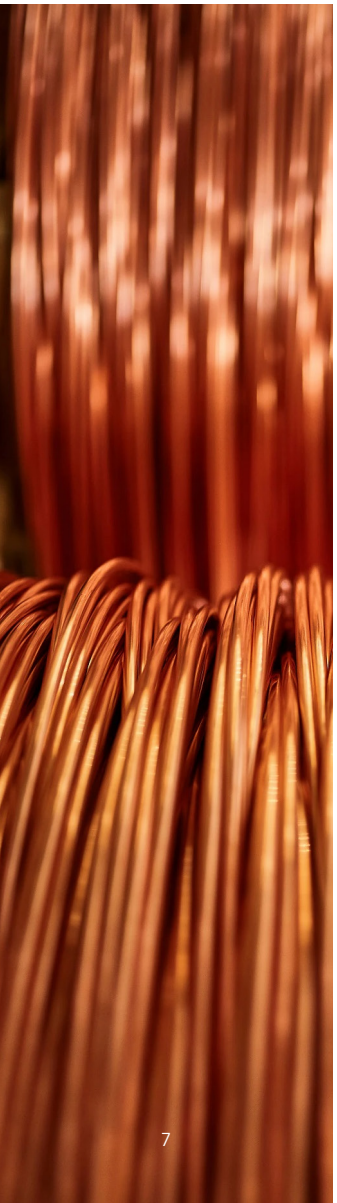
We work with selected partners to cut, draw, or prepare materials based on customer specifications.

5. Deliver

We supply refined copper products to clients across regional and global markets with a focus on reliability and timely delivery.

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Copper Rod

Shape and dimensions

The non-welded copper rod produced by Upcast method wrapped in coil

Product	Dia. (mm)	Coil weight (kg)
Copper rod	8, 10 , 15 , 16 , 20 , 25	3.500

Chemical composition

Alloy	Denomination	Copper (%)	Oxygen (max ppm)	Standard Conformanc			
				American	Chinese	Europe	Japanese
				ASTM(B49)	GB	EN (1977)	JIS
CU-OFE	Oxygen-free	99.99	5	C10100	TU2	CW009A	C1011
CU-OF	Oxygen-free	99.95	5	C10200	TU1	CW008A	C1020

Chemical composition

Product	Electrical Conductivity (IACS)	Tensile Strength (N/mm^2)	Elongation (Min %)	Ductility (mm)	Mean size (mm)
Copper rod	101 %	240	28	0.19	0.05

Packing:

- Packed on 1.5×1.5 wooden pallets

Usage:

Power transmission and power distribution, copper conductors and cable

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Copper Conductors

Hard conductors

Technical Information:
Hard conductors stranded continually

Normal Cross Section	Number & Nominal Wire Diameter	Approx Overall Diameter	Approx Conductor Weight	Max D.C. Resistance At 20℃	Cloulated Breaking Load
mm	NR×mm	mm	kg/km	Ohm/km	KN
10	7x1.35	4.1	90	1.8060	4.1
16	7x1.70	5.1	142	1.1385	6.5
25	7x2.10	6.3	217	0.7461	9.9
35	7x2.50	7.5	308	0.5264	14.0
50	7x3.00	9.0	444	0.3656	20.0

* The above conductors can be produced tin-coated

Chemical composition

Alloy	Denomination	Copper (%)	Oxygen (max ppm)	Standard Conformanc			
				American	Chinese	Europe	Japanese
				ASTM(B49)	GB	EN (1977)	JIS
CU-OFE	Oxygen-free	99.99	5	C10100	TU2	CW009A	C1011
CU-OF	Oxygen-free	99.95	5	C10200	TU1	CW008A	C1020

Standard:
In conformance with BSEN 60228 2005 version
The weight is changeable due to order

Usage:
Overhead power transmission and power distribution

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Soudronic Wire

Shape and dimensions

Continually annealed single core wire

Technical properties:

Tensile Strength	Elongation(%)	Highest resistance in °20C (Ω g/m)
245-285	22-28	0.15328

Alloy	Denomination	Copper (%)	Oxygen (max ppm)	Standard Conformanc			
				American	Chinese	Europe	Japanese
				ASTM(B49)	GB	EN (1977)	JIS
CU-OFE	Oxygen-free	99.99	5	C10100	TU2	CW009A	C1011
CU-OF	Oxygen-free	99.95	5	C10200	TU1	CW008A	C1020

Chemical composition

Product	Diameter (mm)	Spool weight (kg)
Syndronic Wire	1.38 and 1.5	400

Packing:

- Wooden or plastic coated metal spool
- Weight 400 kg

Usage:

specially Manufactured for welding machines

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Rod, Square, Hexagonal, Round bar

Shape	Dimensions (mm)	Length (m)
Rod	8-80	Up to 10
Square rod	3-50	
Hexagonal rod		
Earth rod	16 & 20	





Small sizes are spool-coiled
Any profile or special section is producible due to order
All above products can be produced tin-coated

Technical Specifications and Standards

The non-welded copper wires produced by Upcast method wrapped in coil

Alloy	Main Element (%)	Standard Conformanc			
		American	Chinese	Europe	Japanese
		ASTM(B49)	GB	EN (1977)	JIS
CU-OFE	Cu: 99.99 (min)	C10100	TU2	CW009A	C1011
CU-OF	Cu: 99.95 (min)	C10200	TU1	CW008A	C1020
Al	Al: 99.7 (min)	Series 1000 ,3000 ,4000 ,5000 ,6000 ,8000			

Packaging:
Packed on wooden pallets

Usage:
Electric and electronic industry, distribution panel

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TIN-Plated Copper ROD and Busbar

Tin-plated copper rod and busbar helps upgrade design and provides the best quality for switchgears, switchboards, electrical panels, power transformers and busducts by:

- **Applications**
- **Switchboards, Switchgears, Electrical Panels, Power Transformers, Busduct & etc**

The Purity of Coating Material	Tin anode, 99.5% up
Coating Thickness	3 - 30 microns and as per customer's requirement



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Soft copper conductors (earthing)

Technical Information:
Annealed conductors stranded continually with or without tin coating

Normal Cross Section	Number & Nominal Wire Diameter	Approx Overall Diameter	Approx Conductor Weight	Max D.C. Resistance At 20°C	Cloulated Breaking Load
mm	NR×mm	mm	kg/km	Ohm/km	KN
50	1.80 x 19	9.0	436	0.3759	19.8
70	2.10 x 19	10.5	593	0.2762	26.9
95	2.50 x 19	12.5	840	0.1949	38.1
120	2.80 x 19	14.0	1054	0.1554	47.8
120	2.01 x 37	14.0	1054	0.1554	47.8
150	2.25 x 37	15.7	1326	0.1238	60.1
185	2.50 x 37	17.5	1640	0.1003	74.2
240	2.25 x 61	20.2	2208	0.0753	89.0
300	2.50 x 61	22.5	2226	0.061	122.3
400	2.89 x 61	26.0	3643	0.0456	163.4
500	3.23 x 61	29.1	4550	0.0365	204.2

* The above products are producible in sector compact due to order

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Flexible Copper Conductors

Technical Information and dimensions:
Continually annealed stranded conductors

Nominal cross Section (mm^2)	Strands dia. (mm)	Mean diameter (mm)		Weight (kg/km)	Max Conductor Resistance at 20°C	Current Capacity at 25°C (A)	Voltage (V)
		min	max				
0.5	16*0.20	2.5	2.1	9	39	6	300-500
0.75	24*0.20	2.7	2.2	12	26	9	300-500
1	32*0.20	2.8	2.4	15	19.5	11	300-500
1.5	30*0.20	3.4	2.8	21	13.3	16	450-750
2.5	50*0.20	4.1	3.4	32	7.98	21	450-750
4	56*0.30	4.8	3.9	48	4.95	28	450-750
6	84*0.30	5.3	4.4	68	3.3	36	450-750
10	80*0.40	6.8	4.7	115	1.91	49	450-750

Chemical composition

Alloy	Denomination	Copper (%)	Oxygen (max ppm)	Standard Conformanc			
				American	Chinese	Europe	Japanese
				ASTM(B49)	GB	EN (1977)	JIS
OFE	Oxygen-free Electronic Copper	99.99	5	C10100	TU2	CW009A	C1011

Packing:
- Wooden or plastic coated metal spool
- Weight 400 kg
- The weight is changeable due to order

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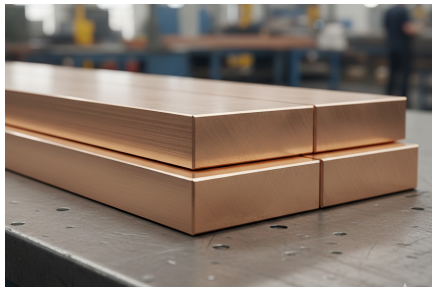


Busbar

Shape and dimensions

Thickness (mm)	Width (mm)	Length (m)	Shape
3-20	20-170	≤10	

Square Edge



Full Rounded Edge



Radius Edge



Coil

Thickness (mm)	Width (mm)	Length (m)
2-20	20-170	No limitation

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