Commercial Proposal for Supply

Raw Materials and Semi-Finished Products for Metallurgy and Machinery: Billets, Ferroalloys, Abrasives, Polymers, Scrap

Raw materials and semi-finished products supply from China

Metal-Asia.pw supplies a comprehensive range of raw materials and semi-finished products for metallurgical plants, foundries, metalworking enterprises, and machinery manufacturers. Direct contracts with Chinese producers ensure stable deliveries of billets, ferroalloys, abrasive materials, polymers, and secondary raw materials with full supply chain compliance and end-to-end logistics management.

Critical Pain Points in Raw Material and Semi-Finished Product Procurement from China and Our Solutions

Pain Point 1: Non-Conformance to Declared Specifications Chinese suppliers frequently deliver products with substandard mechanical properties, incorrect chemical composition, or dimensional deviations. This results in incoming inspection rejections, production downtime, and financial losses.

Metal-Asia.pw Solution: Independent engineering audit at the manufacturing facility prior to shipment. Spectral chemical analysis, tensile testing, ultrasonic testing (UT), radiographic examination (RT), and dimensional verification. All test protocols are transmitted to the client before the final contract payment is released.

Pain Point 2: Delivery Delays and Supply Chain Opacity Many intermediaries lack production cycle control, resulting in delays of 2 to 4 months. Absence of cargo tracking information makes planning impossible.

Metal-Asia.pw Solution: Direct contracts with manufacturers, no intermediaries. Weekly production status reports. Full cargo tracking at every stage: from factory to customs terminal. Alternative routing via Kazakhstan, Mongolia, or seaports including Vladivostok and Novorossiysk.

Pain Point 3: Customs Clearance Complexity and HS Code Classification Incorrect product classification, missing conformity certificates, documentation errors, all lead to customs delays, additional costs, and penalties.

Metal-Asia.pw Solution: Full customs clearance turnkey. Correct HS code classification, CE marking and conformity documentation preparation, complete documentation package management. We work with licensed customs brokers in China, transit countries, and destination markets.

Pain Point 4: Lack of Technical Support and Documentation After delivery, most intermediaries disappear, leaving the client alone with installation, operation, or defect-related questions.

Metal-Asia.pw Solution: Dedicated project manager at every stage. Technical documentation in English: datasheets, certificates, installation manuals. Post-warranty support and operational consultation.

Complete Product Range — Raw Materials and Semi-Finished Products

Billets and Ingots

Product	Grades / Material	Size Range	Standard	HS Code	Application
Continuous Cast Slabs	St3sp, 09G2S, 10KhSND, 17G1S, 15KhSND	150–350 x 1000–2500 x 2000–12000 mm	GOST 14637-89	7207 11 000 0	Sheet rolling, tube billets
Blooms (Square Slabs)	St3sp, St5sp, 45, 40Kh, 09G2S, 20	140x140 – 400x400 mm, length 2000–8000 mm	GOST 1133-71	7207 12 000 0	Long products, rails, wheels
Square Billets	St20, St35, St45, 40Kh, 09G2S, 12Kh1MF	60x60 – 250x250 mm, length 2000–6000 mm	GOST 4693-77	7207 12 000 0	Rebar rolling, forging
Round Billets (Forgings)	St20, St45, 40Kh, 40KhN, 40KhN2MA	Diameter 80–1200 mm, length 500–6000 mm	GOST 8479-70	7207 19 000 0	Shafts, axles, gears, flanges
Steel Ingots	All steel grades	Weight 0.5–40 t, section per order	GOST 1133-71	7207 20 000 0	Rolling, forging, remelting
Cast Iron Ingots	SCh10–SCh35, VCh35–VCh80	Weight 0.5–20 t	GOST 4832-95	7201 10 000 0	Casting, remelting
Aluminum Slabs	AD0, AD1, AD31, AMg5, D16, V95	Thickness 100–350 mm	GOST 17232-99	7601 10 100 0	Aluminum sheet rolling
Copper Cathodes	M00k, M0k, M1k	Weight 50–500 kg	GOST 546-2001	7403 11 000 0	Remelting, electrolysis
Titanium Ingots	VT1-0, VT6, VT14, VT20	Weight 50–500 kg	GOST 26492-85	8108 90 800 0	Rolling, forging

Abrasive Materials

Product	Grades / Types	Fractions / Sizes	Standard	HS Code	Application
Normal Electro-Corundum	14A	F4 – F1200	GOST 3647-80	2818 10 000 0	Steel and cast iron grinding
White Electro-Corundum	25A	F4 – F1200	GOST 3647-80	2818 10 000 0	Hard alloy grinding
Ruby Electro-Corundum	99A	F4 – F1200	GOST 3647-80	2818 10 000 0	Precision grinding
Black Silicon Carbide	63S	F4 – F1200	GOST 3647-80	2849 20 000 0	Hard alloy, glass, ceramic grinding
Green Silicon Carbide	64S	F4 – F1200	GOST 3647-80	2849 20 000 0	Ceramic, glass, titanium grinding
Cubic Boron Nitride (CBN)	KNB, KNB-T	Powder, paste, wheels	Technical Specification	2849 90 000 0	Hardened steel grinding
Synthetic Diamond	ASV, ASM, ASN	Fractions per order	GOST 9206-80	7105 10 000 0	Drilling, cutting, grinding
Grinding Wheels	PP, PP(p), PV, ChK	Diameter 50–1250 mm, thickness 6–400 mm	GOST 2424-83	6804 21 000 0	Grinding, cutting
Abrasive Belts	Aluminum oxide, silicon carbide	Width 10–1500 mm, grit P40–P3000	GOST 5009-82	6805 20 000 0	Grinding, polishing
Abrasive Sleeves (Rolls)	Aluminum oxide	Width 50–1400 mm, length 1–50 m	GOST 5009-82	6805 20 000 0	Manual and machine grinding

Polymer Materials

Product	Grades / Types	Forms / Sizes	Standard	HS Code	Application
Low-Density Polyethylene (LDPE)	15303-003, 10803-020	Granules, powder	GOST 16338-85	3901 10 000 0	Film, pipes, insulation
High-Density Polyethylene (HDPE)	277-1, 293-200D	Granules, powder	GOST 16338-85	3901 20 000 0	Pipes, containers, parts
Polypropylene (PP)	PPN, PPB, PPR	Granules, sheet, pipes	GOST 26996-86	3902 10 000 0	Packaging, pipes, auto parts
Polyvinyl Chloride (PVC)	PVC-S, PVC-P	Granules, sheet, pipes, profiles	GOST 14332-78	3904 10 000 0	Pipes, profiles, insulation
Polystyrene (PS)	PSV, UPS, OPS	Granules, sheet, foam	GOST 20282-86	3903 11 000 0	Packaging, insulation
Polyamide (PA6, PA66)	PA6, PA66, PA610	Granules, sheet, rods, fiber	GOST 10546-80	3908 10 000 0	Bearings, gears, textile
Polytetrafluoroethylene (PTFE)	F4, F4K20, F4K15	Powder, sheet, rods, pipes	GOST 10007-80	3904 61 000 0	Seals, bearings, chemical equipment
Polycarbonate	PK-S, PK-U, PK-T	Sheet, profiles, granules	GOST R 56712-2015	3907 40 000 0	Glazing, protective screens
Acrylic (PMMA)	GOST	Sheet, rods, pipes, granules	GOST 17622-72	3906 10 000 0	Glazing, signage, medical
Polyethylene Terephthalate (PET)	Lavsan, Pet	Granules, fiber	GOST 24268-80	3907 60 000 0	Bottles, fiber, film

Master Alloys and Ferroalloys

Product	Grades / Composition	Form / Size	Standard	HS Code	Application
Ferromanganese	FMn78, FMn88, FMn95, FMn98	Ingots 10–100 kg	GOST 4755-91	7202 11 000 0	Steel alloying, deoxidation
Ferrosilicon	FS45, FS65, FS75, FS90	Ingots 10–100 kg	GOST 1415-93	7202 21 000 0	Deoxidation, cast iron modification
Ferrochrome	FK600, FK650, FK700, FK800	Ingots 10–100 kg	GOST 4757-91	7202 41 000 0	Stainless and heat-resistant steels
Ferromolybdenum	FMo50, FMo55, FMo60	Ingots 10–100 kg	GOST 4759-91	7202 70 000 0	Structural and heat-resistant steels
Ferrotungsten	FV70, FV75, FV80	Ingots 10–100 kg	GOST 4782-71	7202 80 000 0	High-speed steels
Ferrotitanium	FTi25, FTi30, FTi35	Ingots 10–100 kg	GOST 4761-91	7202 91 000 0	Alloying, cast iron modification
Ferroniobium	FNb50, FNb60	Ingots 10–100 kg	GOST 28255-89	7202 93 000 0	Heat-resistant steels
Ferroboron	FB10, FB15, FB20	Ingots 10–100 kg	GOST 14113-78	7202 99 000 0	Boron steels
Ferrovanadium	FVn50, FVn80	Ingots 10–100 kg	GOST 27131-86	7202 99 000 0	Tool and structural steels
Aluminum Master Alloy AlCu50	Cu 48–52%, Al balance	Ingots 5–20 kg	GOST 53777-2010	7601 20 100 0	Aluminum alloy alloying
Aluminum Master Alloy AlSi20	Si 18–22%, Al balance	Ingots 5–20 kg	GOST 53777-2010	7601 20 100 0	Alloy modification
Copper Master Alloy CuBe4	Be 3.8–4.2%, Cu balance	Ingots 5–20 kg	GOST 1789-70	7403 13 000 0	Copper alloy alloying

Product	Grades / Composition	Form / Size	Standard	HS Code	Application
Nickel Master Alloy NiMg20	Mg 18–22%, Ni balance	Ingots 5–20 kg	GOST 849-2008	7502 20 000 0	Nickel alloy alloying

Scrap Metal

Product	Categories / Grades	Form	Standard	HS Code	Application
Steel Scrap	1A, 2A, 3A, 1B, 2B, 3B, 1V, 2V, 3V	Pieces, sheet, profile	GOST 2787-86	7204 10 000 0	Electric furnace remelting
Cast Iron Scrap	ChV1, ChV2, ChV3, ChV4	Ingots, castings, pieces	GOST 2787-86	7204 21 000 0	Blast furnace remelting
Copper Scrap	M1L, M2L, M3L	Wire, pipes, sheet	GOST 1639-78	7404 00 000 0	Remelting, electrolysis
Brass Scrap	L63L, LS59-1L	Pieces, scrap	GOST 1639-78	7404 00 000 0	Remelting, alloy production
Bronze Scrap	BrAZhL, BrOTsSL	Pieces, castings	GOST 1639-78	7404 00 000 0	Remelting, bronze castings
Aluminum Scrap	AD0L, AD1L, AD31L, AMgL	Profile, sheet, pipes	GOST 1639-78	7602 00 000 0	Remelting, secondary aluminum
Lead Scrap	S0L, S1L, S2L	Pieces, batteries	GOST 1639-78	7802 00 000 0	Remelting, batteries
Zinc Scrap	Ts0L, Ts1L, Ts2L	Pieces, galvanizing waste	GOST 1639-78	7902 00 000 0	Remelting, galvanizing
Nickel Scrap	NP1L, NP2L	Pieces, electrodes	GOST 1639-78	7503 00 000 0	Remelting, nickel alloys
Titanium Scrap	VT1-0L, VT6L	Pieces, trimmings	GOST 1639-78	8103 30 000 0	Remelting, titanium alloys

Powder Materials

Product	Grades / Composition	Fractions	Standard	HS Code	Application
Reduced Iron Powder	PZhV, Fe >= 98%	0.05–1.0 mm	GOST 9849-86	7205 10 000 0	Powder metallurgy, welding

Product	Grades / Composition	Fractions	Standard	HS Code	Application
Atomized Iron Powder	PZhA, Fe >= 99%	0.05–0.5 mm	GOST 9849-86	7205 10 000 0	Additive manufacturing
Electrolytic Copper Powder	PMS-1, Cu >= 99.5%	0.02–0.5 mm	GOST 4960-2009	7405 00 000 0	Electronics, catalysts
Carbonyl Nickel Powder	PNK-1L5, Ni >= 99.5%	1–10 microns	GOST 9722-97	7504 00 000 0	Batteries, catalysts
Aluminum Powder	PAP-1, Al >= 99%	0.01–0.1 mm	GOST 5494-95	7603 10 000 0	Pyrotechnics, paints, powder
Titanium Powder	PTM, Ti >= 99.5%	0.05–0.5 mm	GOST 17746-96	8108 90 800 0	Additive manufacturing
Tungsten Powder	PVV, W >= 99.5%	0.5–50 microns	GOST 23902-80	8101 97 000 0	Hard alloys, electrodes
Molybdenum Powder	PMV, Mo >= 99.5%	0.5–50 microns	GOST 23902-80	8102 97 000 0	Alloys, catalysts
Cobalt Powder	PK-1U, Co >= 99%	0.5–50 microns	GOST 123-2008	8105 20 000 0	Hard alloys, magnets

Cast Iron and Iron Ore Raw Materials

Product	Grades / Types	Characteristics	Standard	HS Code	Application
Cast Iron for Casting	SCh10, SCh15, SCh20, SCh25, SCh30, SCh35	Strength 100–350 MPa	GOST 1412-85	7201 10 000 0	Machine part castings
Pig Iron for Conversion	P1, P2, P3	C 3.5–4.5%, Si 0.5–3.0%	GOST 8050-85	7201 10 000 0	Steel remelting
Foundry Coke Pig Iron	K1, K2, K3	C 3.5–4.5%, S < 0.05%	GOST 3347-88	7201 10 000 0	Coke production
High-Strength Ductile Iron	VCh35, VCh40, VCh45, VCh50, VCh60, VCh70, VCh80	Strength 350–800 MPa	GOST 7293-85	7201 10 000 0	High-load parts
Nodular Cast Iron	SShG1, SShG2, SShG3	Strength 300–600 MPa	GOST 9583-75	7201 10 000 0	Pipes, fittings

Product	Grades / Types	Characteristics	Standard	HS Code	Application
Iron Ore	Magnetite, hematite, limonite	Fe 45–70%	GOST 16434-85	2601 11 000 0	Blast furnace production
Iron Ore Concentrate	Fe 65–70%, moisture <= 10%	Granulometry 0–10 mm	GOST 16434-85	2601 11 000 0	Blast furnace production
Iron Ore Sinter	Fe 55–60%, basicity 1.0–2.5	Fraction 5–40 mm	GOST 16434-85	2601 11 000 0	Blast furnace charge
Iron Ore Pellets	Fe 62–67%, strength >= 250 kg/pc	Diameter 9–16 mm	GOST 16434-85	2601 12 000 0	Blast furnace production

Fuel and Petroleum Products for Metallurgy

Product	Grades / Types	Characteristics	Standard	HS Code	Application
Metallurgical Coke	KR, KR1, KR2, KR3, KS, KM	Ash <= 12%, S <= 1.5%	GOST 4541-88	2704 00 000 0	Blast furnace production
Bituminous Coal	D, G, F, K, T, A	Calorific value 2500–7500 kcal/kg	GOST 25543-88	2701 11 000 0	Fuel, coking
Fuel Oil	40, 60, 80, 100, 200	Viscosity 8–80 mm2/s at 80C	GOST 10585-99	2710 19 460 0	Boiler fuel
Natural Gas	CH4 85–98%	Calorific value 8000–9500 kcal/m3	GOST 5542-87	2711 11 000 0	Fuel, chemical feedstock

Metal-Asia.pw Services

Metal-Asia.pw delivers comprehensive procurement solutions from China, including tender documentation support for public and private sector procurement frameworks. We provide ENGINEERING AUDIT AND TECHNICAL DUE DILIGENCE. Our services encompass quality control (NDT, UT), chemical composition verification against international standards, and customs clearance "turnkey". We operate on a contractual basis with full supply chain compliance and end-to-end logistics management.

For detailed information about our service range, please visit Metal-Asia.pw.

FAQ: Frequently Asked Questions on Raw Material and Semi-Finished Product Procurement

Q1: What are the standard lead times for Raw Material and Semi-Finished Product shipments from China?

A: Standard delivery timelines range from 30 to 60 days from contract execution and advance payment receipt. For stock items, express delivery is available within 14 to 21 days. Exact timelines depend on order volume, product specifications, and selected logistics routing.

Q2: How is quality control performed prior to shipment?

A: Metal-Asia.pw implements a multi-stage quality assurance protocol: visual inspection, ultrasonic testing (UT), radiographic examination (RT), spectral chemical composition analysis, dimensional verification, and mechanical testing. All results are documented in certified test reports transmitted to the client prior to final payment.

Q3: What documentation is provided for customs clearance?

A: A complete documentation package includes: commercial invoice, packing list, certificate of origin (Form A or CO), mill test certificate with test results, conformity declaration (CE or equivalent), specification with HS codes, insurance certificate, and CMR/AWB/Bill of Lading.

Q4: Can you supply non-standard sizes and grades?

A: Yes. We maintain direct contracts with manufacturing facilities and can arrange production according to client drawings and specifications. Minimum order quantities for custom production are discussed on a case-by-case basis.

Q5: What are your payment terms and settlement methods?

A: Standard terms: 30% advance upon order confirmation, 70% prior to shipment. For established clients and large contracts, deferred payment and letter of credit arrangements are available. We accept CNY, USD, EUR, and GBP.

Q6: Do you provide delivery to the client's warehouse?

A: Yes. We organize delivery via all transport modes: FCL/LCL sea freight, rail transport, road delivery, and air freight for urgent consignments. Incoterms 2020: EXW, FCA, CPT, CIP, DAP, DDP at client's discretion.

Q7: What warranties do you provide on supplied products?

A: Standard warranty period is 12 months from delivery date, subject to proper storage and handling conditions. In case of manufacturing defects, we arrange replacement or refund. All claims are processed within 10 business days.

Q8: Do you support tender procurement processes?

A: Yes. Metal-Asia.pw has extensive experience in supporting public and private tender procedures. We assist with technical documentation preparation, certification, test protocols, and complete tender submission packages. We provide end-to-end support from bid preparation to contract award.

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Full customs clearance and supply chain compliance for raw materials