

Induction Furnace for Steel Melting

Product Technical Sourcing Proposal
Metallurgy & Coating Equipment



Real supplier reference image. Final brand, model and appearance depend on selected quotation.

RECOMMENDED SUPPLY CONFIGURATION

Select the minimum practical configuration for Induction Furnace for Steel Melting only after confirming the actual duty, capacity, inputs, output quality, utilities, site conditions and acceptance test.

Product Overview, Applications & Primary Use

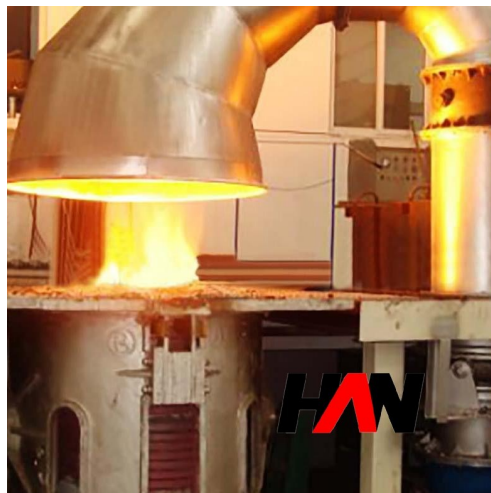
Induction furnace with refractory crucible, IGBT power converter and electromagnetic stirring for uniform melts.

Technical sourcing approach

- Confirm the real operating duty and site conditions before comparing models.
- Compare supplier quotations against one common technical specification.
- Require a factory test, drawings, manuals and a critical-spares list.
- Plan freight, inspection, installation interfaces and after-sales support before purchase.

Applications and primary use

- Specific industrial purpose: Induction furnace with refractory crucible, IGBT power converter and electromagnetic stirring for uniform melts.
- New installation sized to confirmed demand rather than maximum catalogue capacity.
- Replacement or expansion after checking physical, utility and control compatibility.
- Economical Afghan implementation using local installation and fabrication where safe.



Product-Specific Technical Specification

Selection parameter	Required function / value	Buyer or site input
Workpiece/material	Process the confirmed metal or substrate	Provide grade and sample
Part size and weight	Fit the working zone and handling system	Provide maximum dimensions
Process duty	Achieve required temperature, finish or coating	State target result
Capacity	Meet batch or hourly demand	State operating schedule
Heating/power source	Match available electricity, gas or fuel	Provide utility data
Controls	Stable process parameters and safety interlocks	List recording needs
Ventilation/emissions	Handle fumes, dust and heat safely	State site limits
Testing	Demonstrate result on buyer sample	Define acceptance criteria

Buyer checklist and quotation requirements

- Describe the exact process, material and intended operating duty.
- State required capacity, operating hours and acceptable output quality.
- Provide product samples, drawings or technical data where applicable.
- Confirm voltage, frequency and all available utilities.
- Provide factory layout, access and environmental conditions.
- Separate equipment, tooling, freight, installation and optional items.
- Require drawings, running test, acceptance criteria and critical spares before shipment.

Final technical parameters, included accessories and acceptance criteria must be confirmed in the supplier quotation, test report and purchase contract. Do not purchase from photographs alone.

Indicative Product Pricing & Supply Guide

PRODUCT QUOTATION BASIS

Final pricing for Induction Furnace for Steel Melting follows the confirmed technical specification, required rating or capacity, included accessories, inspection scope, delivery terms and destination.

Supply component	Indicative planning range	Quotation basis
Main equipment	US\$18k-95k	Minimum configuration for confirmed duty
Essential tooling and accessories	US\$6k-30k	Only launch requirements
Freight and clearance	US\$6k-28k	Shipment based on complete scope
Installation, testing and spares	US\$4k-20k	Local execution where practical
Low-entry project total	US\$34k-173k	Final price follows confirmed specification

Technical sourcing and delivery process

Phase 1	Define requirement and request comparable quotations - 1 to 2 weeks
Phase 2	Technical clarification, negotiation and inspection plan - 1 to 3 weeks
Phase 3	Manufacture or refurbishment - typically 3 to 10 weeks
Phase 4	Shipping and customs clearance - typically 3 to 7 weeks
Phase 5	Local installation, training and trial operation - 1 to 3 weeks

These are non-binding planning ranges. Final product price and delivered cost depend on the confirmed specification, accessories, inspection, freight, customs, exchange rate and destination.

Sanaatchi Support & Contact

- Supplier search using one confirmed product specification
- Side-by-side technical and commercial quotation comparison
- Factory test, documentation and pre-shipment inspection coordination
- Lowest-cost practical logistics planning from China to Afghanistan
- Installation-interface, spare-parts and after-sales coordination

Sanaatchi Industrial Vision Group

Afghanistan Office: +93 779 819 820 | info@sanaatchi.com

China Office: +86 159 5171 6867 | china@sanaatchi.com

Website: www.sanaatchi.com

Supplier image references

- Supplier image reference:

<https://image.made-in-china.com/2f0j00AyDikWoRnKUG/High-Temperature-Resistant-Steel-Ladle-Induction-Furnace-for-Glass-Melting.jpg>

- Supplier image reference: <https://image.made-in-china.com/2f0j00KIUCHIEMgbop/High-Speed-Melting-Steel-Induction-Electric-Furnace.jpg>