



Second-Hand Electric Arc Furnace

Used Equipment Inspection & Acquisition Proposal
Inspected Used Equipment | Metallurgy Equipment



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

RECOMMENDED ACQUISITION BASIS

Buy one inspected, operational used unit; accept normal cosmetic wear; repair only essential operating and safety items; use local labor for installation; postpone upgrades until revenue is proven.

Used Equipment Overview, Applications & Suitability

A lowest-entry sourcing brief for an inspected used electric arc furnace suitable for cost-sensitive Afghan industrial buyers. The final unit must be selected by condition, serviceability, available spare parts and a documented running test-not appearance alone.

Inspection-led acquisition approach

- Target an older proven model with simple controls and locally serviceable parts.
- Compare the delivered used price against a new economy Chinese machine.
- Use independent inspection, live video testing and serial-number verification.
- Keep cosmetic refurbishment and premium accessories outside the first order.

Applications and primary use

- Core production work normally performed by a Electric Arc Furnace
- Small and medium Afghan workshops
- Low-cost replacement of an unserviceable machine
- Trial capacity before purchasing a new automated unit



Condition, Technical Specification & Inspection Basis

Requirement	Required used-equipment condition
Condition	Used, operational and independently inspected
Age/hours	Record manufacture year, operating hours and ownership history
Controls	Simple controls preferred; verify backups and passwords
Wear items	Measure and photograph critical wear components
Electrical supply	Confirm site voltage, frequency and available load
Included accessories	List tooling, manuals, guards and loose parts individually
Acceptance test	Continuous running test using representative material
Packing	Protect controls, exposed surfaces and loose components

Buyer checklist and quotation requirements

- Verify seller identity, machine serial plate and ownership.
- Request a current unedited walk-around and running video.
- Use an independent inspector to check safety, leaks, noise and output.
- Price essential repairs and missing parts before agreeing the purchase.
- Confirm dismantling, loading, container size and delivered freight cost.
- Put test criteria, included parts and condition exceptions in the contract.

Final make, model, serial number, operating history, condition and acceptance-test results must be confirmed in the inspection report and purchase contract.

Indicative Acquisition & Delivered-Cost Guide

USED-EQUIPMENT BUYING BASIS

Price the exact inspected unit by make, model, serial number, year, operating hours, verified condition, included tooling, essential repairs, dismantling, loading and delivered cost.

Acquisition component	Indicative planning range	Inspection / cost basis
Inspected used machine	US\$8k-45k	Older proven economy model
Inspection and essential repairs	US\$1k-7k	Repair only safety and operating items
Freight and clearance	US\$3k-18k	Lowest practical consolidated route
Initial spares and commissioning	US\$1k-6k	Local labor and remote support
Low-entry acquisition total	US\$13k-76k	Land and optional upgrades excluded

Inspection, purchase and delivery process

Phase 1	Define minimum duty, capacity and site limits - 2 to 5 days
Phase 2	Shortlist available used units and compare delivered cost - 1 to 2 weeks
Phase 3	Independent inspection and price negotiation - 3 to 7 days
Phase 4	Payment, dismantling and export packing - 1 to 3 weeks
Phase 5	Shipping, local installation and acceptance test - 4 to 9 weeks

These are non-binding acquisition targets. Final cost depends on the exact inspected unit, condition, repairs, included parts, dismantling, freight, customs and exchange rate.

Sanaatchi Support & Contact

- Seller, ownership, serial-number and operating-history verification
- Independent inspection, running test and essential-repair assessment
- Included tooling, loose parts and spare-parts inventory
- Dismantling, protective packing, loading and delivery planning
- Local commissioning and after-sales parts identification

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Supplier image references

- Supplier image reference: <https://image.made-in-china.com/2f0j00nDkeNMjmdicF/High-Temperature-AC-Electric-Arc-Furnace-for-Steel-Melting.jpg>

- Supplier image reference:

<https://image.made-in-china.com/2f0j00RPfMNCiGAYbv/Submerged-Arc-Furnace-Chromium-Iron-for-Wear-Resistant-Applications.jpg>