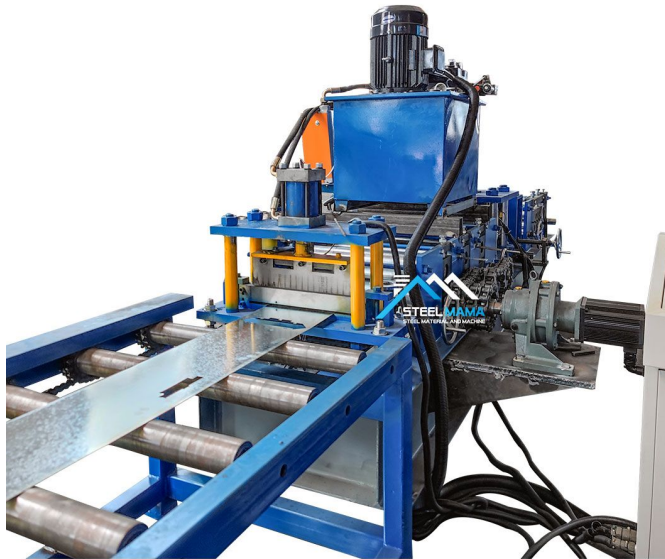




Aluminium & Glass Office Partitions Workshop

Complete Turnkey Business Proposal



Made-in-China supplier reference: real aluminium & glass office partitions workshop equipment.

approved sample market gate	defined range launch scope	performance test release gate	batch records traceability
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Prepared for investment planning in Afghanistan and regional export markets. Final specifications, pricing, civil works, and utility loads require supplier quotation and site survey.

Executive Summary

Fabricates aluminium-and-glass office partitions through profile cutting/machining, frame assembly, glazing, doors and hardware fitting, seals, dry fit, pack sequencing and installation checks.

Why this project fits Afghanistan

- Approve a physical sample and applicable standard.
- Launch with a defined product range and documented tool settings.
- Keep material and quality records for each batch.

Sanaatchi delivery scope

- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning
- International logistics, customs documentation, operator training, spare parts, and after-sales support

Recommended configuration

Launch with a defined profile system, glass thicknesses, standard doors and tested gasket/hardware combinations. Confirm room dimensions, acoustic/fire requirements where applicable, glass safety, anchoring and installation tolerances before pricing projects.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Aluminium and glass office partitions	Profile system, glass type/thickness, door and hardware, gasket/seal, acoustic requirement, wall/ceiling anchoring, module size and installation tolerance	Offices, clinics, schools, retail, co-working, hotels and commercial fit-out contractors

Supplier scope, materials, utilities, installation requirements and acceptance criteria must be confirmed before purchase.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Profile cutting/machining station	Prepares aluminium frames	Cut/machining tolerance
2	Assembly tables	Builds square modules	Frame/squareness control
3	Glass handling/glazing station	Fits panels safely	Glass/gasket seating
4	Door/hardware bench	Sets operating components	Door alignment/function
5	Installation/QC kit	Releases project packs	Anchor/layout checklist

Equipment models are indicative and will be matched to the selected capacity, local raw-material tests, available utilities, and preferred automation level.

Reference Equipment Gallery



Made-in-China supplier reference: real aluminium & glass office partitions workshop equipment.

河北锻海铁艺设备装饰铁件有限公司



Made-in-China supplier reference: second real machine configuration for aluminium & glass office partitions workshop.

Images are supplier references for configuration discussion; final equipment appearance and model may differ.

Plant, Raw Materials & Utility Requirements

Raw materials

- Aluminium profiles, tempered/laminated glass as specified, gaskets, seals, hinges, locks, handles, fasteners, anchors, protective film and packaging

Utilities & infrastructure

- Stable electricity, covered raw-material storage and protected finished-goods handling
- Guarded equipment, documented maintenance, essential spares and product-specific safety controls

Quality, safety and environmental controls

- Approve one sample bay with actual profile, glass, door and seal before project production
- Check module dimensions, frame squareness, glass seating, door alignment and anchoring points
- Test operation, seal continuity, safety glass specification, site fit and packed-label sequence

A final factory layout must reserve safe forklift routes, maintenance clearances, raw-material segregation, finished-goods storage, fire protection, ventilation, and future expansion space.

Indicative Investment & Implementation Plan

LOW-ENTRY CONFIGURATION

Office partitions are sold as measured-and-installed systems. Accurate surveys, safe glass handling and repeatable profile/hardware details are more valuable than a large machine list.

Component	Indicative range	Notes
Profile cutting, machining and assembly	US\$12k-45k	Small fabrication workshop
Glass handling, glazing and door hardware	US\$10k-40k	Standard partition system
Installation tools, freight and samples	US\$6k-25k	Project mock-up required
Indicative entry total	US\$28k-110k	Workshop, profiles and glass stock excluded

Implementation sequence

Phase 1	2-5 weeks	Confirm product specification, representative raw material, buyer, capacity, site and utilities
Phase 2	3-7 weeks	Run supplier trials with the buyer material and freeze the balanced machine, tooling and utility scope
Phase 3	8-22 weeks	Manufacture or refurbish, inspect, document and ship the contracted equipment
Phase 4	3-12 weeks	Install, commission, train operators and pass material-specific acceptance tests

Ranges are planning targets for a low-cost entry configuration, exclude land, and remain subject to confirmed capacity, supplier quotation, freight, duties, exchange rates and site conditions.

Next Steps & Contact Information

Recommended next steps

- Confirm target products, hourly output, and packaging formats
- Test representative raw materials and document quality requirements
- Complete site survey covering electricity, water, fuel, drainage, roads, and warehouse space
- Request comparable technical and commercial quotations from shortlisted suppliers
- Finalize financing, logistics, installation, training, and spare-parts plan

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Research and image references

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