SANAATCHI
INDUSTRIAL VISION GROUP

Polyurethane Decorative Cornices Line

Complete Turnkey Business Proposal

Made-in-China supplier reference: real polyurethane decorative cornices line equipment.

approved sample	defined profiles	controlled cure	batch records
market gate	**launch scope**	**quality gate**	**traceability**

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

Produces lightweight polyurethane cornices and trim profiles by accurately metering two-component PU into reusable moulds, controlled curing, trimming, priming and packing.

Why this project fits Afghanistan

- Approve a physical sample and the intended installation system.
- Launch with a limited, saleable profile or finish range.
- Keep batch records for material, mould and quality checks.

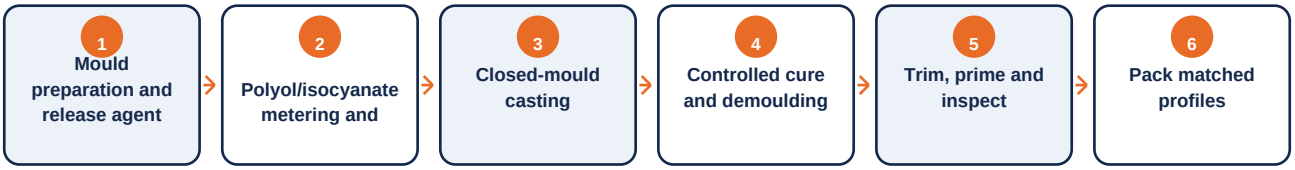
Sanaatchi delivery scope

- 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	Start with 6-12 proven moulds and a low-output metering/mixing system. Isocyanate handling requires supplier SDS, trained staff, ventilation, PPE and a controlled cure area.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
PU decorative cornices	Profile accuracy, density, cure, straightness, surface finish, primer adhesion and installation compatibility	Interior contractors, gypsum/ceiling shops, builders and retail finishing outlets

The supplier must prove the exact equipment scope, material safety data and acceptance sample before purchase.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	PU metering/mixing unit	Dispenses two-component resin	Ratio and output verified
2	Reusable profile moulds	Forms cornice geometry	6-12 starter profiles
3	Cure/trim station	Stabilises and finishes castings	Ventilated controlled area
4	Primer/packing bench	Prepares installer-ready pieces	Straightness and finish check

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 polyurethane decorative cornices line equipment.

Made-in-China supplier reference: second real machine configuration for polyurethane decorative cornices line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Specified polyol and isocyanate system, release agent, primer, pigments if approved, cartons and protective packing

Utilities & infrastructure

- Stable power, extraction/ventilation and dry covered storage
- Guarded cutting equipment, documented maintenance and essential spares

Quality, safety and environmental controls

- Review SDS and ventilation/PPE before operation
- Check mix ratio, cure, density, profile length and straightness
- Test primer/paint adhesion and installation adhesive compatibility

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

This is a small moulding workshop only when PU chemical safety and cure quality are managed.

Component	Indicative range	Notes
Metering/mixing and safety extraction	US$12k-35k	Small controlled casting scope
Starter mould family and finishing tools	US$8k-30k	6-12 selected profiles
Indicative entry total	US$25k-75k	Chemical inventory and building 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

- https://www.alibaba.com/showroom/polyurethane-cornice-making-machine.html
- https://www.made-in-china.com/products-search/hot-china-products/Polyurethane_Foam_Machine.html