

PVC Interior Wall-Panel Extrusion Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real pvc interior wall-panel extrusion line equipment.

compound controlled input	extrusion process core	limited range launch scope	dry storage release condition
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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

Extrudes hollow decorative PVC interior-wall panels from formulated PVC compound, then calibrates, cools, cuts, prints or laminates and packs defined profiles.

Why this project fits Afghanistan

- Profile geometry and formulation control determine acceptance.
- Use only a limited décor/profile range at launch.
- Verify surface quality and installer fit before dispatch.

Sanaatchi delivery scope

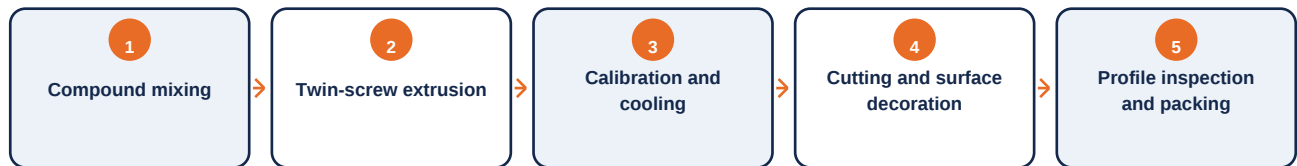
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning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

Recommended configuration

Start with one width and 2-4 surface designs after confirming fire/smoke requirement, panel weight and retailer demand.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
PVC interior wall panels	Width, thickness, weight, profile geometry, surface adhesion and colour consistency	Retailers, installers, kitchens, bathrooms and housing fit-out

Supplier must prove the defined die, compound and acceptance sample before purchase.

Core Equipment Schedule

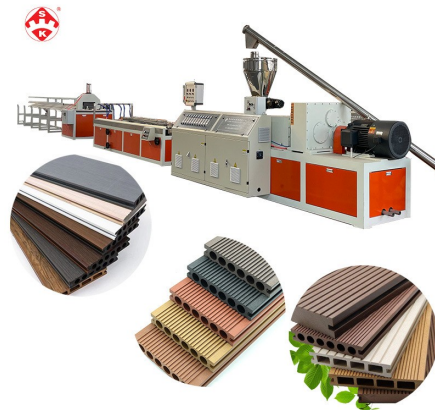
Step	Equipment	Function	Indicative parameter
1	Mixer and feeder	Prepares PVC compound	Validated recipe
2	Twin-screw extruder/die	Forms panel profile	One width
3	Calibration and cutter	Controls geometry/length	Weight check
4	Printing/lamination unit	Applies décor	2-4 designs

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 pvc interior wall-panel extrusion line equipment.



Made-in-China supplier reference: second real machine configuration for pvc interior wall-panel extrusion line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- PVC resin, calcium carbonate, stabiliser, lubricant, masterbatch and decorative film/ink

Utilities & infrastructure

- Stable power, cooling water, ventilation and dry covered storage
- Guarded hot equipment, dust extraction and maintenance spares

Quality, safety and environmental controls

- Check compound moisture and formulation
- Measure weight, dimensions, straightness, surface adhesion and colour

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

Do not overstock designs: sell a tested core range through installers and retailers first.

Component	Indicative range	Notes
Mixing, extrusion and calibration	US\$35k-100k	One profile width
Surface finish and packing	US\$20k-60k	Limited décor range
Indicative total	US\$55k-160k	Raw material 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

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

Research and image references

- <https://www.alibaba.com/showroom/wpc-decorative-production-line.html>
- https://www.made-in-china.com/products-search/hot-china-products/WPC_Panel_Production_Line.html