

LVT Vinyl Flooring Line

Complete Turnkey Business Proposal

XING PAI



Made-in-China supplier reference: real lvt vinyl flooring line equipment.

controlled input material gate	defined format launch scope	surface test quality 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

Builds multi-layer LVT flooring from PVC compound, backing, printed decorative film and wear layer through calendering/lamination, curing, cutting, inspection and packing.

Why this project fits Afghanistan

- Surface and dimensional quality decide buyer acceptance.
- Use a limited range at launch.
- Validate installation compatibility 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

Validate layer adhesion, wear layer, print registration, VOC requirements and installer demand before selecting the process.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
LVT vinyl flooring	Layer stack, thickness, wear layer, print registration, adhesion, flatness and surface durability	Retail flooring, offices, hotels and housing

Supplier must prove the defined material, equipment and acceptance sample before purchase.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Compound/calender line	Forms LVT layers	Defined layer stack
2	Laminator	Bonds décor and wear layer	Adhesion test
3	Curing/cutter	Stabilises finished plank	Format control
4	Surface inspection	Releases saleable flooring	Print/flatness 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 lvt vinyl flooring line equipment.



Made-in-China supplier reference: second real machine configuration for lvt vinyl flooring line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- PVC compound, backing, decor film, wear layer, adhesive/coating and packaging

Utilities & infrastructure

- Stable power, ventilation, dust control and dry storage
- Guarded hot/cutting equipment and maintenance spares

Quality, safety and environmental controls

- Test layer adhesion, thickness, visual registration, flatness, surface wear and emissions compliance

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

LVT needs layered-material and surface-quality control, not generic PVC-panel equipment.

Component	Indicative range	Notes
Calendering and lamination	US\$350k-1m	Layered flooring
Curing, cutting and inspection	US\$150k-500k	Surface-quality scope
Indicative total	US\$550k-1.5m	Working capital 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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- https://www.made-in-china.com/products-search/hot-china-products/Flooring_Production_Line.html