

Engineered-Wood Parquet Flooring Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real engineered-wood parquet 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

Produces engineered parquet from stable core layers and selected wood veneer through veneer grading, adhesive lay-up, pressing, cutting, sanding, coating, profiling and pack-out.

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

Begin with one plank format and tested veneer/core supply; validate moisture, bonding, finishing and click or tongue-and-groove fit.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Engineered-wood parquet flooring	Veneer species/thickness, core construction, moisture, bond strength, finish, geometry and installation fit	Premium housing, hotels, flooring contractors and retailers

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

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Veneer/core preparation	Sorts stable material	Moisture controlled
2	Cold/hot press	Bonds engineered layers	Bond-strength test
3	Sander/coater	Builds finished surface	Defined finish
4	Profiling line	Creates installation edge	Plank format

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 engineered-wood parquet flooring line equipment.

RAYMAX



Made-in-China supplier reference: second real machine configuration for engineered-wood parquet flooring line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Wood veneer, plywood/HDF core, adhesive, stain/coating, abrasives and packaging

Utilities & infrastructure

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

Quality, safety and environmental controls

- Check veneer grade, moisture, bond strength, flatness, coating and profile fit

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

Use well-dried veneer and cores; quality failures usually come from moisture, bonding or finishing rather than cutting.

Component	Indicative range	Notes
Pressing, cutting and sanding	US\$80k-250k	Small/medium parquet line
Coating, profiling and packing	US\$50k-180k	Finish quality
Indicative total	US\$150k-430k	Wood inventory 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

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- https://www.made-in-china.com/products-search/hot-china-products/Flooring_Production_Line.html