

Rubber Concrete-Paver Mould Workshop

Complete Turnkey Business Proposal



Made-in-China supplier reference: real rubber concrete-paver mould workshop equipment.

approved pattern market gate	defined mould family launch scope	trial cast 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

Makes flexible rubber or PU concrete-paver moulds from approved patterns through controlled component mixing, degassing, casting, cure, trimming and repeated paver-demoulding tests.

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

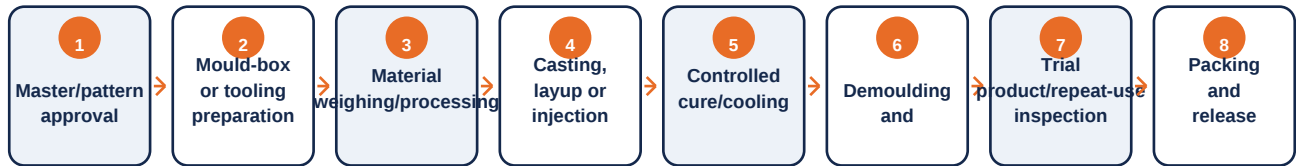
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning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

Recommended configuration

Start with a short paver pattern family. Confirm mould hardness, wall thickness, textured surface, release agent, cement mix, vibration exposure and required casting cycles before expanding.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Rubber/PU concrete-paver moulds	Elastomer type/shore hardness, paver pattern, mould thickness, wall/reinforcement, texture, cure, tear resistance and intended casting cycles	Paver yards, decorative concrete, landscaping, paths, courtyards and small contractors

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

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Pattern/mould-box bench	Prepares approved paver master	Pattern/undercut detail
2	Meter/mixer and scale	Controls elastomer components	Ratio/pot life
3	Vacuum chamber	Removes bubbles	Degassing control
4	Curing racks	Stabilises flexible mould	Time/temperature
5	Paver trial bench	Checks repeat use	Release/tear/detail

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 rubber concrete-paver mould workshop equipment.

 **Haineng**



Made-in-China supplier reference: second real machine configuration for rubber concrete-paver mould workshop.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Rubber or PU components, catalyst, pigments/fillers where approved, masters, release agents, mould-box materials, trimming tools 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

- Control component ratio, bubbles, mould thickness, texture, cure and tear-prone corners
- Trial cast with intended concrete/vibration cycle and inspect release, abrasion and repeat use
- Use PPE, ventilation and documented chemical-storage procedures

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

Paver moulds must survive wet concrete and vibration. A cheap flexible mould that tears or distorts destroys paver consistency.

Component	Indicative range	Notes
Patterns, weighing and mixing	US\$2k-8k	Small pattern family
Degas, cure and trimming	US\$2k-10k	Elastomer quality control
Trial casts and setup	US\$1k-5k	Concrete compatibility
Indicative entry total	US\$5k-23k	Workshop/master design 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/concrete-paver-mould.html>
- https://www.made-in-china.com/products-search/hot-china-products/Mold_Edm_Machine.html