



Decorative Gypsum Columns & Capitals Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real decorative gypsum columns & capitals line equipment.

local gypsum core input	reusable moulds process basis	dry finish release gate	small team entry operation
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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

A mould-based architectural-decoration line producing column shafts, bases and capitals from reinforced gypsum sections, using matched mould sets, internal support where needed, controlled curing, joint finishing and installation-ready packing.

Why this project fits Afghanistan

- Use local gypsum only after test casting.
- Mould quality and controlled drying govern saleable finish.
- Launch with a focused design range and contractor samples.

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

Screen a limited classical or contemporary column family only after confirming column height, joint method, wall fixing and transport route with installers.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Decorative gypsum columns and capitals	Diameter, section length, straightness, joint alignment, reinforcement and fixing detail	Villas, hotels, event venues, decorators and façade/interior contractors

Supplier must demonstrate the selected mould, recipe and acceptance sample before purchase.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Column shaft and capital mould sets	Forms matching architectural sections	Defined diameter/family
2	Reinforcement and joint fixtures	Protects handling and alignment	Installer-approved joints
3	Casting/drying supports	Maintains straightness	Section-length matched
4	Trial-assembly tools	Checks completed column	Fit before dispatch

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 decorative gypsum columns & capitals line equipment.



Made-in-China supplier reference: second real machine configuration for decorative gypsum columns & capitals line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Gypsum, water, glass fibre/hessian, approved inserts and repair compound
- Release agent, joint labels, corner protectors and crates

Utilities & infrastructure

- Covered dry workshop and finished-goods storage
- Dust control, guarded tools and safe lifting
- Measured water, approved mould release and batch records
- Workshop electricity, ventilation and packing area

Quality, safety and environmental controls

- Check shaft straightness, mating joints, centre alignment and reinforcement
- Trial-assemble one set from each mould family before production release

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 sell structural claims: decorative gypsum columns need engineer-approved fixing and careful transport.

Component	Indicative range	Notes
Mould sets, fixtures and worktables	US\$8k-28k	One column family
Drying, assembly and packing equipment	US\$5k-15k	Section handling scope
Indicative low-entry total	US\$18k-55k	Land and 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

- <https://www.alibaba.com/showroom/gypsum-column-mould.html>
- https://www.made-in-china.com/products-search/hot-china-products/Gypsum_Column_Mould.html