

Roller-Blind Cutting & Assembly Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real roller-blind cutting & assembly line equipment.

approved sample market gate	defined range launch scope	quality test 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

Produces made-to-measure roller blinds by cutting coated textile to width, cutting aluminium tubes, fitting spring or chain-control mechanisms, hemming/attaching fabric, installing bottom bars, testing roll action and packing.

Why this project fits Afghanistan

- Approve a physical sample and installation system.
- Start with a focused, saleable range.
- Keep records of material and quality checks.

Sanaatchi delivery scope

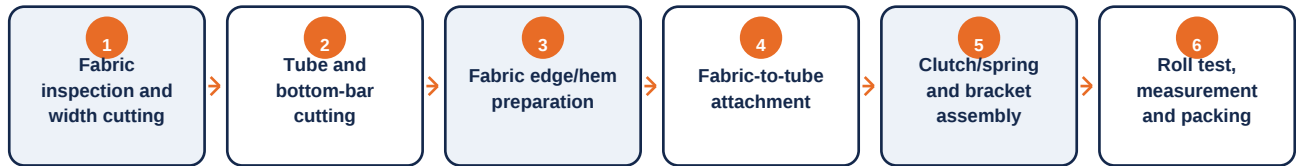
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning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

Recommended configuration

Start with selected blackout/sunscreen fabrics and common tube sizes. Validate fabric cut quality, tube straightness, clutch reliability, bottom-bar fit and compatible brackets before launch.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Roller blinds	Fabric width/edge quality, tube diameter, roll alignment, clutch or spring operation, drop length, bottom-bar weight and bracket fit	Homes, offices, schools, hotels, blind dealers and interior installers

Supplier scope, actual material, dimensions and acceptance sample must be confirmed before purchase.

Core Equipment Schedule

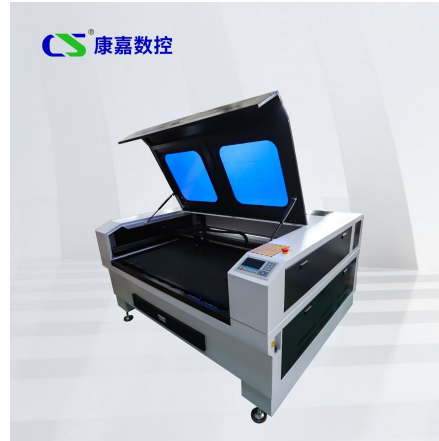
Step	Equipment	Function	Indicative parameter
1	Fabric cutting table	Cuts clean blind widths	Edge/width accuracy
2	Tube cutter	Matches window width	Square/stable tube ends
3	Hem/attachment station	Connects fabric and roller tube	Straight roll alignment
4	Assembly/test bench	Fits control system	Raise/lower cycle test

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 roller-blind cutting & assembly line equipment.



Made-in-China supplier reference: second real machine configuration for roller-blind cutting & assembly line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Blackout or sunscreen fabric, aluminium tubes, bottom bars, clutches/springs, chains, brackets, end caps, adhesive/tape and packaging

Utilities & infrastructure

- Stable power, dry covered workshop space and protected storage
- Guarded cutting/forming equipment, documented maintenance and essential spares

Quality, safety and environmental controls

- Check fabric shade/defects, width and edge finish
- Test roller alignment, clutch/spring action and bottom-bar travel
- Confirm bracket and wall/ceiling installation compatibility

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

Roller blinds are a precise assembly product; fabric tracking and dependable control hardware matter more than high machine capacity.

Component	Indicative range	Notes
Fabric/tube cutting and attachment	US\$5k-18k	Micro/small assembly line
Control assembly and packing	US\$5k-20k	Selected fabric/tube range
Indicative entry total	US\$14k-45k	Fabric/components 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

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Research and image references

- <https://www.alibaba.com/showroom/roller-blind-making-machine.html>
- https://www.made-in-china.com/products-search/hot-china-products/Roller_Blind_Assembly.html