

A4 Copy-Paper Cutting & Packing Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real a4 copy-paper cutting & packing line equipment.

2-4 reams/min credible starter output	500 sheets standard ream count	210×297 mm A4 finished size	8-14 entry workforce
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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 small industrial converting line turning certified copy-paper reels into A4 reams through reel receiving and conditioned storage, shaftless unwinding, tension and decurl control, longitudinal slitting, precision rotary cross-cutting, sheet transport and reject removal, exact counting, ream stacking, moisture-barrier wrapping, carton packing, palletising and printer-runability release. It does not manufacture copy paper.

Why this project fits Afghanistan

- Schools, offices, banks and government users consume large volumes of A4 paper.
- Reel converting can reduce packaging and freight cost versus imported finished reams.
- One gsm and one size simplify cutting, wrapping and inventory.
- Paper moisture, curl, dust and edge quality determine copier performance and customer acceptance.

Sanaatchi delivery scope

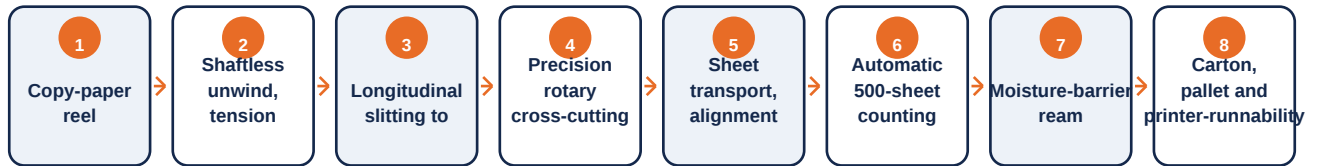
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning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

Recommended configuration

Screen a supported two-roll cut-size sheeter for one 70 or 80 gsm grade and A4 only, at a realistic entry output near 2-4 wrapped reams/min after rejects. Include reel clamp/handling, decurler, slitter/cross-cutter, automatic 500-sheet counting and stacking, semi-automatic or automatic ream wrapper, carton sealing, conditioning room and paper laboratory. Require a trial with the exact reel grade.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
A4 office copy paper ream	210×297 mm, one 70 or 80 gsm grade, 500 sheets, squareness, curl, dust and print runnability	Schools, offices, government, printers and stationery trade
A3 cut-size expansion	Separate cutting layout, wrapper and confirmed buyer specification	Print shops only after A4 operation is stable

The supplier must state net saleable reams rather than knife cycles. Acceptance uses the exact purchased reel and measures gsm, moisture, caliper, brightness, opacity, smoothness, stiffness, dimensions, squareness, edge quality, sheet count, ream mass, curl, dust, wrapper seal, speed and waste. Representative laser-printer and copier jam/double-feed trials are mandatory.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Reel clamp, stands and shaftless unwind	Handles heavy reels and feeds stable webs	Two-roll entry basis
2	Tension control and decurler	Minimises curl and web instability	Paper-grade recipe
3	Slitter and rotary cross-cutter	Cuts exact A4 sheet geometry	210×297 mm
4	Sheet conveyor, reject and counter	Aligns and forms 500-sheet reams	Exact count control
5	Ream wrapper and coder	Seals paper from moisture	2-4 reams/min basis
6	Carton sealer and pallet tools	Protects reams in distribution	Buyer carton count
7	Paper laboratory and test printers	Releases paper and runnability	Moisture/curl/dust/size tests

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 a4 copy-paper cutting & packing line equipment.



Made-in-China supplier reference: second real machine configuration for a4 copy-paper cutting & packing line.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Certified copy-paper reels by gsm, width, moisture, brightness and opacity
- Moisture-barrier ream wrap and printing ink
- Corrugated cartons, labels, straps and pallets
- Knives, belts, sensors, seals and critical spares

Utilities & infrastructure

- Stable three-phase power and clean compressed air
- Temperature and humidity conditioned reel/converting rooms
- Rated reel clamp, crane or forklift with safe aisles
- Clean low-dust cutting, wrapping and finished store
- Fire protection and paper-trim baling/recycling route

Quality, safety and environmental controls

- Release reel gsm, moisture, curl and surface properties
- Control tension, decurl, slitting and cross-cut timing
- Measure A4 dimensions, squareness and edge quality
- Verify exactly 500 sheets and ream mass
- Inspect wrap seal, carton and moisture protection
- Run printer/copier tests and trace every reel/ream lot

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

The lowest credible plant converts one certified reel grade into A4 only, uses a modest two-roll sheeter and avoids high-speed case packing. Paper manufacture, A3 tooling, building, transformer and reel working stock are excluded.

Component	Indicative range	Notes
Two-roll A4 sheeter and counting stacker	US\$60k-145k	Precision cut-size conversion
Ream wrapper, coder and carton tools	US\$25k-75k	2-4 reams/min entry
Reel handling, conditioning and laboratory	US\$18k-48k	Runnability controls
Freight, installation, blades and spares	US\$25k-70k	Supplier commissioning
Indicative installed low-entry total	US\$128k-338k	Paper mill, building and reel 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

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- <https://yidafa.en.made-in-china.com/product/qFoabThdCYAR/China-Manufacturing-Roll-to-Sheet-Cutting-and-Packing-Reams-A4-Paper-Making-Machine.html>