



Recycled Kraft & Linerboard Paper Mill

Complete Turnkey Business Proposal



Made-in-China supplier reference: real recycled kraft & linerboard paper mill equipment.

bankable study investment gate	confirmed feedstock supply gate	EPC scope delivery gate	quality laboratory release gate
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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

Strategic recycled-paper mill that sorts and pulps recovered fibre, screens and cleans stock, refines it, forms, presses and dries kraft/linerboard, reels, slits, tests and dispatches corrugated-box grades.

Why this project fits Afghanistan

- This is a strategic plant, not a low-entry equipment package.
- Bankable feedstock, utility, permit, market, EPC and financing evidence is required before selection.
- Operate only with an independent laboratory, defined quality release and preventive-maintenance program.

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

Proceed only after audited wastepaper supply, collection/sorting system, water and effluent-treatment plan, steam/power, packaging-buyer off-take, fibre laboratory and experienced paper-mill EPC/operator support are bankable.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Recycled kraft and linerboard	Basis weight, strength, burst/ring crush, moisture, reel width, recycled-fibre grade and packing	Corrugated-box plants, packaging converters, food/agriculture exporters and regional paper distributors

Final capacity, process, resource quality, utilities, permit conditions, emissions, acceptance test and commercial terms require independent engineering review before any order.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Recovered-paper sorting/baling	Prepares stable fibre feed	Contamination and grade
2	Hydrapulper and stock cleaning	Separates usable pulp	Fibre yield and cleanliness
3	Refining and approach flow	Develops paper strength	Drainage and consistency
4	Paper machine, press and dryer	Forms/reduces moisture	Basis weight and steam
5	Reel, slitter and laboratory	Releases saleable board	Strength, moisture and width

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 recycled kraft & linerboard paper mill equipment.



Made-in-China supplier reference: second real machine configuration for recycled kraft & linerboard paper mill.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Sorted OCC/kraft wastepaper, process water, cleaning chemicals, starch/strength aids where selected, felts/wires, packaging, boiler fuel and laboratory consumables

Utilities & infrastructure

- Bankable electricity/fuel/water plans, process cooling and treatment, plant fire safety, laboratory, covered stores and qualified operation team
- Environmental permits, emissions control, waste route, maintenance workshop, critical spares and site-specific safety systems

Quality, safety and environmental controls

- Audit seasonal wastepaper quantity and contamination, water/effluent capacity, steam, buyer grades and collection economics before EPC contracting
- Control pulp cleanliness, refining, stock consistency, basis weight, moisture, reel profile, strength and trim loss
- Test basis weight, moisture, burst/ring crush, Cobb/water absorption as specified, reel dimensions and customer corrugating performance

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

A recycled linerboard mill succeeds on reliable fibre collection, water treatment and repeatable box-maker strength - not headline paper-machine capacity.

Component	Indicative range	Notes
Collection/sorting, pulping and cleaning	US\$25m-85m	Fibre quality and capacity
Paper machine, steam, drying and reel system	US\$55m-190m	Width and grade scope
Effluent, laboratory, utilities and installation	US\$25m-85m	Water/compliance-critical
Indicative strategic project total	US\$105m-360m	Land, finance 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

- corrugated-board-factory-three-five-ply
- two-ply-corrugated-board-single-facer-line