

Herbal Tea Blending & Tea-Bag Packing Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real inner-and-outer herbal tea-bag packing machine.

30-60 kg/batch starter blend size	20-40 bags/min entry tea-bag speed	3 validated launch blends	5-8 entry operators
---	--	-------------------------------------	-------------------------------

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 dry, low-temperature line for receiving released herbs and tea, gentle cutting and sieving, recipe-controlled blending, metal detection, tea-bag forming, optional outer-envelope packing, coding and carton packing. Product identity, permitted ingredients and moisture control are more important than maximum machine speed.

Why this project fits Afghanistan

- Afghan mint, chamomile and selected herbs can enter higher-value retail blends.
- Tea bags provide a familiar convenient format for homes, offices and hospitality.
- A recipe-controlled cell supports several products without a large factory.
- Local blending and packing can replace part of imported herbal-infusion supply.

Sanaatchi delivery scope

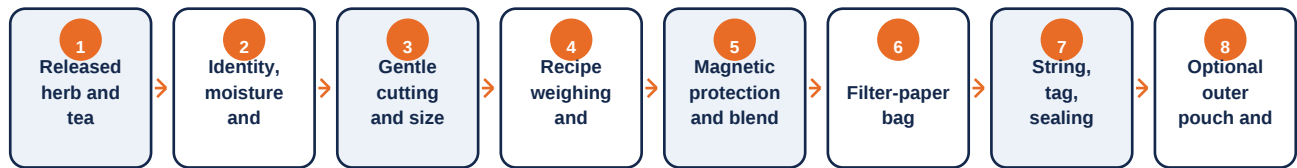
- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning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

Recommended configuration

For the lowest credible entry, use a 30-60 kg/batch ribbon blender, small herb cutter and sieve, magnet, 20-40 bag/min filter-paper tea-bag machine with string and tag, manual outer pouch sealing and batch coding. Launch with three validated blends.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Single-herb infusion bags	Declared herb, controlled cut size, moisture and bag dose	Retail, offices, hotels and pharmacies where permitted
Blended herbal tea bags	Approved recipe, ingredient declaration, consistent dose and aroma	Retail, hospitality and private-label buyers

Whole leaves and flowers bridge and segregate differently from black tea. Acceptance must use each approved blend and packaging material, reporting dose variation, broken-bag rate, seal integrity, string/tag attachment, dust loss and blend uniformity. Medicinal claims require separate legal review.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Herb inspection and cutting station	Rejects defects and produces packable cut size	Low-speed interchangeable cutter
2	Vibratory sieve and magnet	Removes fines, oversize matter and ferrous metal	Screens trialled per herb
3	Recipe scales	Controls every blend component	Recorded lot and actual weight
4	Ribbon or paddle blender	Creates a uniform low-damage blend	30-60 kg/batch entry
5	Blend holding hopper	Feeds released blend without segregation	Covered steep-wall design
6	Tea-bag packing machine	Forms, doses and seals filter-paper bags	20-40 bags/min with string and tag
7	Outer-pouch sealer and coder	Adds moisture barrier and lot code	Manual or semi-automatic launch
8	Check scale and carton station	Verifies packs and dispatch count	Independent release check

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 inner-and-outer herbal tea-bag packing machine.



Made-in-China supplier reference: real automatic filter-paper tea-bag machine with string and tag.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Released Afghan herbs and approved imported tea by separate lot
- Food-grade filter paper, thread and tags
- Barrier outer pouches, labels and cartons
- Approved food-grade blend ingredients only

Utilities & infrastructure

- Stable electricity matched to the selected equipment
- Potable process water where product contact occurs
- Washable food-grade rooms with pest and dust control
- Segregated raw-material, packaging and finished-goods storage
- Compressed air, steam or cooling water only where specified

Quality, safety and environmental controls

- Confirm botanical identity, permitted use and supplier traceability
- Measure moisture, foreign matter and microbiology before blending
- Validate recipe uniformity without crushing fragile flowers
- Control allergen and recipe changeover
- Check dose weight, seals, string, tag, code and bag leakage
- Keep finished tea dry, cool and protected from strong odors

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

Lowest entry uses three validated blends, one compact tea-bag machine and manual outer packing. Pyramid bags, automatic cartoning, building, raw-material stock and health-claim registration are excluded.

Component	Indicative range	Notes
Cutting, sieving and recipe scales	US\$3k-8k	Three launch blends
Small blender and holding hopper	US\$3k-8k	30-60 kg/batch
Tea-bag packing machine	US\$5k-14k	String and tag entry model
Outer sealing, coding and quality tools	US\$2k-6k	Semi-manual launch
Freight, installation and spares	US\$3k-7k	Compact workshop shipment
Indicative low-entry total	US\$16k-43k	Building, herb stock and regulatory approval excluded

Implementation sequence

Phase 1	2-3 weeks	Confirm product specifications, capacity, packs and regulatory route
Phase 2	2-4 weeks	Run representative Afghan raw-material and packaging trials
Phase 3	5-9 weeks	Manufacture, inspect and ship the approved equipment
Phase 4	3-5 weeks	Install, train and validate process, hygiene and release controls

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

Sanaatchi Industrial Vision Group

Afghanistan Office: +93 779 819 820 | info@sanaatchi.com

China Office: +86 159 5171 6867 | china@sanaatchi.com

Website: www.sanaatchi.com

Research and image references

- <https://sh-mooha.en.made-in-china.com/product/PFNEzkCcCGVT/China-Automatic-Herbal-Tea-Bag-Packing-Machine-for-Inner-and-Outer-Envelop-Packing-Machine.html>
- <https://sengongpack.en.made-in-china.com/product/lZunjPsUhfhR/China-Automatic-Turkish-Herbal-Tea-Packing-Machine-Filter-Paper-Tea-Bag.html>