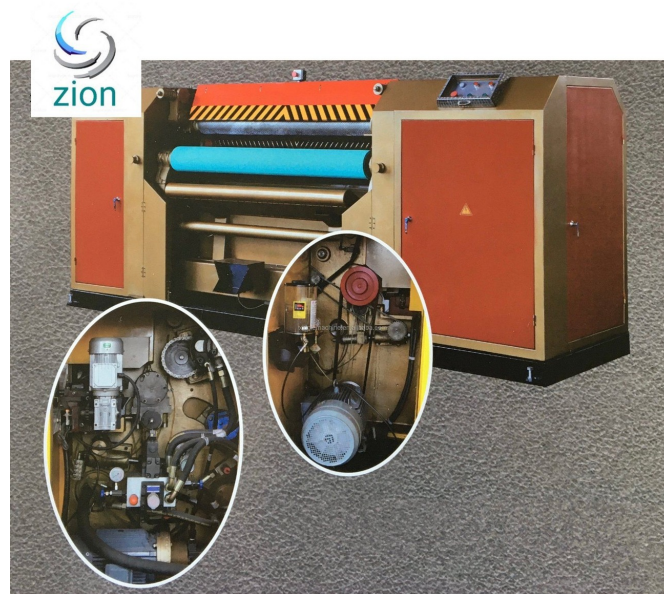




Hide Salting & Curing Line

Complete Turnkey Business Proposal



Made-in-China supplier reference: real hydraulic hide fleshing machine for removing residual tissue.

100-250 hides/day starter sheep/goat throughput	1 network launch slaughter supply	1 buyer-approved cure method	6-12 entry operators
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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 micro/workshop line preserving fresh Afghan sheep, goat or cattle hides before tannery sale through rapid receiving, species and defect grading, trimming, hygienic fleshing, accurate hide weighing, clean curing-salt dosing, open-table salt application or brine curing only where the buyer accepts it, drained stacking, re-salting inspection, folding, bale pressing and cool ventilated storage. It preserves raw hide; it is not a tanning line.

Why this project fits Afghanistan

- Afghan hides lose value quickly when left warm or dirty.
- Correct fleshing and salt distribution can improve tannery yield.
- A workshop model uses local labour and inexpensive salt-handling tools.
- Buyer-agreed grading prevents spending on unsaleable damaged hides.

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 entry, start with sheep and goat hides from one slaughter network, stainless receiving/fleshing tables, safe hand fleshing tools or a compact 1,500 mm flesher only after volume is proven, platform scales, salt dosing carts, sloped curing pallets, drain collection, manual folding and a small hydraulic bale press. Agree salt rate, cure time, fold and bale specification with the tannery buyer first.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Salt-cured sheep/goat hides	Buyer-agreed trim, salt coverage, cure time, fold, grade and bale identity	Domestic or export tanneries
Salt-cured cattle hides	Separate handling, larger table and buyer-defined weight/grade	Add only after volume and lifting study

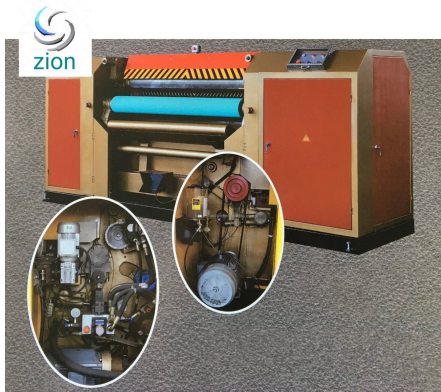
Salt curing does not repair knife cuts, hair slip, manure contamination or delayed collection. Do not wash hides unless the cure and wastewater design require it. Used salt and blood-rich drainage are pollutants. Chromium, lime, sulfide and tanning drums are outside this preservation-only scope.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Receiving racks, scales and tags	Identifies and weighs every fresh hide	100-250 hides/day
2	Stainless fleshing tables and tools	Removes adherent meat and fat without hide damage	Manual low-entry scope
3	Optional 1,500 mm fleshing machine	Raises throughput after supply is proven	Sheep/goat model
4	Salt bins, scoops and dosing carts	Applies clean measured curing salt	Buyer-agreed kg/hide
5	Sloped curing pallets	Supports drained stacks and re-salting access	Lot-separated stacks
6	Drain and screened collection sump	Contains blood/brine runoff	No uncontrolled discharge
7	Folding tables and small bale press	Creates buyer-approved transport bales	Manual fold, hydraulic press
8	Cool ventilated hide store	Protects cured hides before dispatch	Short controlled holding

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 hydraulic hide fleshing machine for removing residual tissue.



Made-in-China supplier reference: real compact sheep/goat-hide fleshing equipment.

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

Plant, Raw Materials & Utility Requirements

Raw materials

- Fresh identified sheep, goat or cattle hides from documented slaughter
- Clean curing-grade sodium chloride meeting buyer specification
- Tags, bale straps, liners and lot labels
- Approved cleaning materials and PPE

Utilities & infrastructure

- Stable three-phase electricity matched to motors and controls
- Potable process and sanitation water with adequate pressure
- Process heat or steam sized to the confirmed thermal load
- Washable rooms, trapped drainage, pest control and hygiene barriers
- Odour, wastewater and by-product controls approved for the site

Quality, safety and environmental controls

- Record slaughter source, species, collection time and received condition
- Grade knife damage, putrefaction, hair slip and contamination
- Verify fleshing completeness without cutting the grain
- Weigh hide and record salt dose and cure start time
- Inspect stack drainage, heat, smell and salt coverage
- Track bale composition, storage duration and tannery acceptance

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 manual fleshing, local curing pallets and one small bale press for sheep/goat hides. Mechanical fleshing, cattle lifting equipment, tanning chemicals, tanning drums, building and working stock are excluded.

Component	Indicative range	Notes
Tables, tools, scales and salt handling	US\$3k-8k	Manual sheep/goat launch
Pallets, drainage and ventilated store	US\$4k-12k	Local fabrication where safe
Small hydraulic bale press	US\$3k-8k	Buyer-specific bales
Optional compact fleshing machine	US\$5k-18k	Add only after volume proof
Freight, setup and spares	US\$3k-7k	Tools and press parts
Indicative low-entry total	US\$13k-35k	Excludes optional flesher, building, salt and hides

Implementation sequence

Phase 1	3-5 weeks	Confirm raw-material supply, product, capacity, site and buyer rules
Phase 2	3-6 weeks	Run representative product, yield, hygiene and packaging trials
Phase 3	6-12 weeks	Manufacture, inspect and ship the approved equipment scope
Phase 4	4-8 weeks	Install, train, validate sanitation and pass performance 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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