

Plastic Recycling Line

Product Technical Sourcing Proposal
Plastic Processing Equipment



Real supplier reference image. Final brand, model and appearance depend on selected quotation.

RECOMMENDED SUPPLY CONFIGURATION

Select the machine around the confirmed polymer, finished-product dimensions, mold or die, realistic output and available electrical/cooling capacity; postpone nonessential automation.

Product Overview, Applications & Primary Use

Complete recycling line from sorting to centrifugal drying for pellet output.

Technical sourcing approach

- Confirm the real operating duty and site conditions before comparing models.
- Compare supplier quotations against one common technical specification.
- Require a factory test, drawings, manuals and a critical-spares list.
- Plan freight, inspection, installation interfaces and after-sales support before purchase.

Applications and primary use

- Processing the confirmed polymer into the specified finished or semi-finished product.
- New production using tested local or imported resin grades.
- Capacity expansion where molds, dies and auxiliary equipment are compatible.
- Economical one-shift entry with local handling where safe.



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Product-Specific Technical Specification

Selection parameter	Required function / value	Buyer or site input
Polymer and additives	Process the exact resin grade and formulation	Provide material data sheet and sample
Finished product	Meet dimensions, weight and quality requirement	Provide drawing or sample
Output	Stable kg/h or pieces/h at the required quality	State realistic target
Screw/process unit	Geometry and wear material suited to polymer	Confirm diameter, L/D or process arrangement
Mold or die	Correct cavities, dimensions and material flow	List all launch products
Heating and controls	Stable temperatures with serviceable components	State control and voltage preference
Cooling and auxiliaries	Provide required chiller, compressor, dryer or loader	State available utilities
Power and footprint	Fit electrical capacity and factory layout	Provide supply and floor-space limits

Buyer checklist and quotation requirements

- Provide polymer grade, additives and material data sheet.
- Send finished-product sample or drawing with dimensions and weight.
- State target output, operating hours and acceptable scrap rate.
- Confirm mold/die scope and every product size required at launch.
- State available electrical load, cooling water and compressed air.
- Request a production trial using the intended material.
- Separate machine, molds, auxiliaries, freight and installation in the quotation.

Final technical parameters, included accessories and acceptance criteria must be confirmed in the supplier quotation, test report and purchase contract. Do not purchase from photographs alone.

Indicative Product Pricing & Supply Guide

PRODUCT QUOTATION BASIS

Final pricing for Plastic Recycling Line follows the confirmed technical specification, required rating or capacity, included accessories, inspection scope, delivery terms and destination.

Supply component	Indicative planning range	Quotation basis
Main processing machine	US\$18k-95k	Sized to confirmed polymer and output
Mold, die and essential auxiliaries	US\$6k-30k	Only launch tooling and required utilities
Freight and clearance	US\$6k-28k	Shipment based on full equipment list
Installation, trial and initial spares	US\$4k-20k	Local team with supplier support
Low-entry plastics project total	US\$34k-173k	Final price follows tooling and output

Technical sourcing and delivery process

Phase 1	Define requirement and request comparable quotations - 1 to 2 weeks
Phase 2	Technical clarification, negotiation and inspection plan - 1 to 3 weeks
Phase 3	Manufacture or refurbishment - typically 3 to 10 weeks
Phase 4	Shipping and customs clearance - typically 3 to 7 weeks
Phase 5	Local installation, training and trial operation - 1 to 3 weeks

These are non-binding planning ranges. Final product price and delivered cost depend on the confirmed specification, accessories, inspection, freight, customs, exchange rate and destination.

Sanaatchi Support & Contact

- Supplier search using one confirmed product specification
- Side-by-side technical and commercial quotation comparison
- Factory test, documentation and pre-shipment inspection coordination
- Lowest-cost practical logistics planning from China to Afghanistan
- Installation-interface, spare-parts and after-sales coordination

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Supplier image references

- Supplier image reference:

<https://image.made-in-china.com/2f0j00RaKZbitsgHoL/PE-PP-Double-Stage-Film-Pelletizing-Line-for-Plastic-Recycling-Production.jpg>

- Supplier image reference: <https://image.made-in-china.com/2f0j00zaiCGUNPJTBm/Granulation-Machines-Washing-Pelleting-Pet-HDPE-Bottles-Wasted-Recycling-System-Hard-Plastic-Pelletizing-Line.jpg>