

Reactor Agitator Package

Product Technical Sourcing Proposal
Industrial Mixing Equipment



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

RECOMMENDED SUPPLY CONFIGURATION

Choose the smallest working volume that meets the batch target, then confirm product viscosity, contact material, agitator type, motor load, heating or cooling duty, seals and cleaning method.

Product Overview, Applications & Primary Use

Agitator package with impeller, gearbox and mechanical seal sized to process viscosity.

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

- Batch preparation, blending or process holding for the stated product.
- New production where vessel volume and mixing time are matched to demand.
- Replacement or expansion after checking product-contact materials and connections.
- Local installation with utilities and support steelwork confirmed before manufacture.



Product-Specific Technical Specification

Selection parameter	Required function / value	Buyer or site input
Working and total volume	Provide usable batch capacity with safe freeboard	State batch size and batches per shift
Product properties	Design for viscosity, density, solids and temperature	Provide product data or sample
Contact material	Compatible stainless steel or lined construction	State hygiene/corrosion requirement
Agitator	Impeller and speed range suited to the mixing duty	Describe required result and mixing time
Motor and drive	Adequate torque with suitable speed control	State power supply and hazardous-area needs
Heating/cooling	Jacket or coil sized for process duty when required	Provide inlet/outlet temperatures and utility
Seal and discharge	Prevent leakage and permit complete product discharge	State pressure/vacuum and outlet size
Cleaning and controls	Safe cleaning access and only required instrumentation	Confirm CIP/manual cleaning and control level

Buyer checklist and quotation requirements

- State product, viscosity, density, solids and operating temperature.
- Confirm batch size, batches per day and required mixing time.
- Specify contact material, surface finish and hygiene or corrosion requirement.
- Describe the required mixing result and any powder/liquid addition sequence.
- State heating, cooling, vacuum or pressure duty and available utilities.
- Confirm inlet, outlet, platform, load-cell and cleaning requirements.
- Request general arrangement, motor list, weld/finish details and test video.

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 Reactor Agitator Package follows the confirmed technical specification, required rating or capacity, included accessories, inspection scope, delivery terms and destination.

Supply component	Indicative planning range	Quotation basis
Mixer or vessel package	US\$3k-30k	Minimum useful volume and process duty
Agitator, controls and accessories	US\$1k-8k	Only required process functions
Freight and clearance	US\$2k-10k	Shipment based on actual vessel dimensions
Local installation and utilities	US\$1k-6k	Local piping and steelwork where practical
Low-entry mixing project total	US\$7k-54k	Final price follows material and process duty

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/2f0j00YnNcCdtlbrpU/Xinzhi-Energy-Reactor-Custom-Package-Size-with-Weight-Flexibility.jpg>

- Supplier image reference:
<https://image.made-in-china.com/2f0j00knebgOEzgUpH/Xinzhi-Energy-Reactor-Personalized-Gross-Weight-and-Package-Size-Options.jpg>