

Pharmaceutical equipment and integrated production solutions

From equipment selection to coordinated
production lines and project support.





Equipment selection with a practical project focus

A clear starting point for manufacturers evaluating equipment or a coordinated production line.

Pharma Plant PRO helps manufacturers assess equipment options from China for processing, dosage production and packaging.

From a single machine to a coordinated line, the starting point is your product, throughput and production environment.

01

Application first

Match equipment to product, process and capacity.

02

Clear equipment scope

Review materials, cleaning, line interfaces and documents.

03

Commercial transparency

Confirm supplier, origin, delivery and support terms.



Equipment matched to your production goals

Explore core processing and packaging equipment, then select the supporting systems your line requires.

01 Filling systems

Liquid filling, closures and bottle-line integration.

02 Tablet compression

Rotary presses, tooling, dedusting and controls.

03 Blister packaging

Forming films, lidding foils, seals and pack layout.

04 Capsules & dosage lines

Hard-capsule filling and connected solid-dose systems.

05 Material preparation

Blending, milling, granulation, drying and coating.

06 Inspection & plant support

Checkweighing, coding, freeze-drying and utilities.



04 / FILLING & PRIMARY PACKAGING

Fill accurately. Pack for your product.

Choose the filling method and primary pack around formulation, container, target output and quality controls.



01 Liquid filling

Match pumps, fill volume, accuracy and closures to the product.

02 Blister packaging

Select forming material, sealing and barrier performance.

03 Counting & bottling

Specify count accuracy, bottle format, caps and rejects.

04 Downstream packaging

Coordinate cartoning, coding, labeling and line speed.



From powder to finished solid dose

Tablet compression, capsule filling and upstream processing have different formulation and tooling requirements.



01 **Tablet compression**

Tooling, blend flow, hardness and tablets per hour.

02 **Hard-capsule filling**

Shell size, powder or pellet fill, weight and controls.

03 **Material preparation**

Blending, milling and granulation as required.

04 **Drying & coating**

Product-specific moisture, temperature and coating endpoints.



Freeze-drying and plant-side interfaces

Freeze-dryer selection must reflect product, loading conditions, process requirements and facility constraints.



Freeze-drying

Chamber size, shelf temperature, batch load, vacuum needs and process cycle.

Sterile applications

Transfer and filling interfaces require project-specific contamination-control, qualification and documentation review.

Plant-side systems

Selected cleanroom, process-water, transfer, utility and equipment-interface coordination.



A practical equipment range for your process

Start with primary manufacturing needs; the proposed model and supplier scope are confirmed for each project.

01	Filling & bottling	Liquid/powder fillers, counting, capping and sealing
02	Tablet compression	Rotary presses, tooling, tablet dedusting and inspection
03	Blister packaging	Forming, sealing, cutting and downstream cartoning
04	Capsules & solid-dose lines	Hard-capsule filling, transfer and integrated handling
05	Upstream processing	Blending, milling, granulation, drying and coating
06	Inspection & plant interfaces	Coding, checkweighing, freeze-drying and utilities



More than one piece of equipment

A line must work as a connected process, not just a collection of separately selected machines.

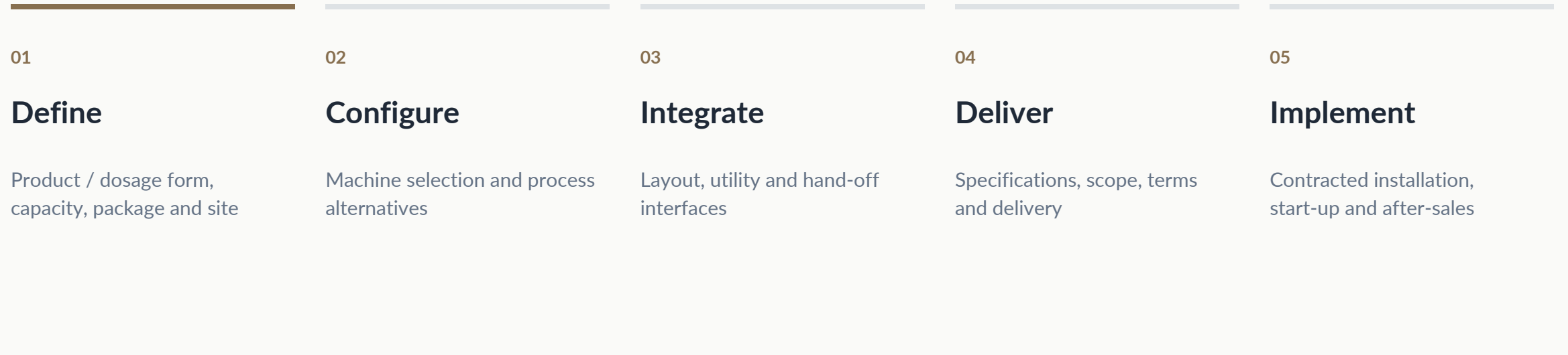


- 01 Process & throughput**
Identify input/output capacity and potential bottlenecks.
- 02 Material & product flow**
Review transfers, containment, operator access and cleaning.
- 03 Plant interfaces**
Check layout, power, utilities and agreed supplier boundaries.



A defined route from enquiry to agreed scope

Activities, deliverables and responsibilities are confirmed in the quotation and project documents.



Equipment commissioning and qualification are different activities. Testing, qualification records and validation support require an explicit agreed scope.



What helps us prepare a useful proposal

You can begin with an RFQ, a URS, a process description or a short project brief.

WHAT YOU CAN SHARE

Application	Product, dosage form, key material/process characteristics
Production target	Batch size, target throughput and operating pattern
Pack configuration	Container, closure, presentation and packaging steps
Site and timing	Available space, utilities, target delivery window

WHAT WE CLARIFY BEFORE AN ORDER

Technical fit	Machine configuration, materials, cleaning and interfaces
Documentation	Drawings, manuals, testing and qualification needs
Commercial scope	Supplier identity, inclusions, lead time, Incoterms and warranty
Implementation	Site preparation, installation, training and service responsibilities

Tell us about your next equipment project.

Send a product description, required output, pack format or an RFQ / URS. We can review the relevant equipment route and the next technical questions.

PROJECT ENQUIRIES

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COMPANY

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Equipment images are representative. Selected machine models, specifications and supply scope are confirmed for each quotation.

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