

Filter Production Line Planning & Equipment Selection Kit

Starter Edition v1 | Printable PDF + editable XLSX worksheet

01	Production process map
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Use this kit before requesting equipment. Enter only your confirmed requirements. Final equipment selection and specifications require application review by ZENYE.

01 Production Process Map

List each manufacturing step in sequence, from incoming material to finished product.

Step	Process stage	Input or material	Output or part	Current method	Target output	Quality check
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

02 Equipment Selection Checklist

Translate each process requirement into equipment selection criteria.

Process stage	Required function	Product or part	Size range	Target output	Automation	Utilities

03 Factory Input Worksheet

Record site conditions that may affect layout, utilities, installation and commissioning.

Category	Required information	Your input	Notes or unit
Site	Installation country and city		
Site	Available production area		L x W x clear H
Site	Floor condition and load limit		
Site	Largest access door or loading route		W x H
Electrical	Supply voltage, phases and frequency		V / phase / Hz
Electrical	Available connected power		kW
Compressed air	Available pressure and flow		bar or MPa / m3/min
Water	Process or cooling water		Pressure or flow if applicable
Ventilation	Exhaust or ventilation		
Operations	Shifts, hours and operators		
Logistics	Material delivery and finished goods removal		
Integration	Existing upstream and downstream equipment		
Safety	Required standards or customer rules		

04 RFQ Brief

Complete the response column and attach available drawings, photos, videos, samples or specifications.

Section	Requested information	Your response	Notes
Contact	Company name		
Contact	Contact person		
Contact	Work email		
Contact	Phone or WhatsApp		
Contact	Country or region		
Project	Request scope		Machine, line section or complete line
Project	Target order and production start date		
Product	Filter or product type		
Product	Model, drawing reference and dimensions		
Product	Main materials		
Process	Process steps in scope		
Process	Current method and issue to solve		

04 RFQ Brief - continued

Add the remaining capacity, automation, integration and delivery requirements.

Section	Requested information	Your response	Notes
Capacity	Target output		pcs/min, pcs/hour or pcs/shift
Capacity	Shift schedule		
Automation	Preferred automation level		Manual, semi-automatic or automatic
Integration	Existing upstream equipment		
Integration	Existing downstream equipment		
Delivery	Installation and commissioning required		Yes, no or undecided
Delivery	Operator training required		Yes, no or undecided
Delivery	Factory acceptance test required		Yes, no or undecided
Files	Files attached		Drawings, samples, photos, videos or specs
Notes	Additional requirements		

Send the completed worksheet with your enquiry so ZENYE can review the process, site conditions and quotation scope.