



Palamatic Handling USA Inc.
A World of Handling Solutions

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Automatic Bag Opener – Application Questionnaire

Palamatic Handling offers customers high quality automatic bag slitting, opening and discharging machines suitable for handling a wide range of powders, flakes and granules etc. Please complete the following details and fax/e-mail back to Palamatic. This will allow our sales team to put together a proposal suitable for solving your material handling process.

Fax: - 610-701-6354

Email: - tcarney@chesco.com

COMPANY	:	
ADDRESS 1	:	
ADDRESS 2	:	
TOWN/CITY	:	
COUNTY/STATE/PROVINCE	:	
COUNTRY	:	
CONTACT NAME	:	
POSITION IN COMPANY	:	
TELEPHONE N ^o	:	
FAX N ^o	:	
EMAIL ADDRESS	:	
WEB SITE ADDRESS	:	

Section 1: Application Details

1i	Bag/Sack Details	Please complete & return the separate Bag/Sack Specification Sheet
1ii	With which one of these industry categories would you most closely associate this project?	Food/Chemical <input type="checkbox"/> General Industry <input type="checkbox"/> Pharmaceutical/Dairy <input type="checkbox"/>
1iii	Please detail how the bag is stored and for how long prior to processing?	
1iv	Are any of the products explosive/toxic?	
1v	Do any Industry standards exist to deal with the hazard? If so, please detail.	
1vi	Are any of the products hygroscopic or abrasive?	

Section 1: Application Details (continued)

1vii	Required throughput rate?	Tons per hr
1viii	Is throughput a 'continuous' or 'batch' process?	Continuous <input type="checkbox"/> Batch <input type="checkbox"/> (tick box)
1ix	If 'batch', please detail quantities of each batch and total batch quantity?	(see table below)
SACK N ^o	PRODUCT	TOTAL KG PER BATCH
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
TOTAL BATCH QUANTITY		

Section 2: Site Details

2i	Any noise limits in operating environment?	dB(A)
Our machines generally operates at approx. 85dB(A) with peak noise levels of 90dB(A) during the cutting process (which generally lasts for approx. 5seconds)		
2ii	Do you have a plan of the operating environment?	
If yes, please attach drawing, sketch or photograph when returning this questionnaire		
2iii	Any height restrictions in operating environment? Headroom available?	
2iv	Please identify access for machinery installation	

Section 3: Material Transfer/Process

3i	What is the machine feeding? i.e. sifter/conveying system etc	
3ii	What clearance is required below the outlet of the machine?	
3iii	Any particular flange size requirements on the machine outlet?	
Please detail type (square/round etc) and dimensions		

Section 4: Machine Infeed Specification

4i	How are sacks fed onto the machine infeed?	Manually? <input type="checkbox"/>
		Vacuum Lifter? <input type="checkbox"/>
		Robot? <input type="checkbox"/>
		Alternative? <input type="checkbox"/>

Please note that manually loading the infeed conveyor is not recommended and contravenes U.K. Manual Handling regulations

4ii	What type of infeed conveyor is required?	Inclined? <input type="checkbox"/>
		Swan Neck? <input type="checkbox"/>
		Horizontal? <input type="checkbox"/>

4iii	Estimated conveyor length? (inches)	
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4iv	Construction of machine infeed conveyor?	Mild Steel <input type="checkbox"/>
		Stainless Steel 304 <input type="checkbox"/>
		Stainless Steel 316 <input type="checkbox"/>

4v	Do the bags/sacks require pre-breaking before entering the machine?	
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4vi	Do the sacks require cleaning prior to entering the machine?	No <input type="checkbox"/>
		Using air? <input type="checkbox"/>
		Using Brushes? <input type="checkbox"/>

Section 5: Main Machine Specification

5i	Construction of machine main body?	Mild Steel <input type="checkbox"/>
		Stainless Steel 304 <input type="checkbox"/>
		Stainless Steel 316 <input type="checkbox"/>

5ii	Any special material finishes required?	Externally:
		Internally:

5iii	Any special weld finishes required?	Externally:
		Internally:

Section 6: Sack Cutting Specification

6i	Palamatic offer three main cutting options. As suppliers of automatic sack opening machines we feel that we are in a position to recommend the most suitable method of sack cutting to suit your products based on full application details. You may however have your own preference. If so please specify below.	
	Twin rotary cutting blades mounted on knife arm assemblies (VariSlit6000 machine) <input type="checkbox"/>	

Band saw blade (MiniSlit3000 machine)	<input type="checkbox"/>
Rotating tumble drum cutting system (RotaSlit3600 machine)	<input type="checkbox"/>

Section 7: Product Outlet Specification

7i	Is a mesh screen required in the outlet?	
If yes, please give a dimension for the grill e.g. 50 x 50mm		
7ii	What type of outlet hopper is required?	Static? <input type="checkbox"/> Vibratory? <input type="checkbox"/>
The vibratory hopper is recommended for applications on non-free flowing products		
7iii	Is product passing through a sifter after the outlet hopper?	
If yes, is this in already existence? Give details.		
7iv	Does product require crushing/breaking prior to the outlet hopper?	Single Shaft Rotary Paddle Breaker? <input type="checkbox"/> Double Shaft Rotary Paddle Breaker? <input type="checkbox"/>
On particularly lumpy product this may be required to reduce lump sizes.		

Section 8: Dust Extraction Specification

8i	Is Dust Extraction required for the machine?	Flange mounted on top? <input type="checkbox"/> Free standing/remote? <input type="checkbox"/> Existing system will be used <input type="checkbox"/>
If existing filtration system is to be used please confirm type and size below. If an alternative supplier is to be used for the filtration system please confirm type and size below.		
8ii	Existing filtration will be used OR an alternative company will supply filtration system. The type and sizes (including flange detail) are;	
8iii	What air supply is available?	
Palamatic dust extraction systems generally require 1440m ³ /hour at 1m/sec open face velocity		

Section 9: Mechanical Specification

9I	Do you/customer have a preferred motor supplier?	
Palamatic will supply AEG or LAFERTE motors as standard to IP55		
9ii	Do you/customer have a preferred gearbox supplier?	
Palamatic will supply STM gearboxes as standard		
9iii	Do you/customer have a preferred bearing supplier?	
Palamatic will supply RHP bearings as standard		
9iv	Do you/customer have a preferred seal supplier?	
Palamatic will supply Nitrile seals as standard		

Section 10: Electrical Specification

9iv	Do you/customer have a preferred switchgear supplier?	
Palamatic will supply Telemecanique as standard		
9v	Do you/customer have a preferred panel/enclosure supplier?	
Palamatic will supply Rittal as standard		
9vi	Is the operating environment classified as hazardous?	
Please fully detail the nature of the hazard and any preferred methods of control i.e. could the control panel be housed in a 'safe area'.		
9vii	Is earth bonding required?	
9viii	Motor voltage required?	
Palamatic standard operating supply is 380-415v / 3ph / 50hz & earth conductor		
9ix	Control voltage required?	
Palamatic standard control voltage is derived from 1ph 110v AC		

Section 11: Environmental Operating Conditions

10i	What are the maximum and minimum temperatures?	
10ii	What are the humidity levels?	
10iii	Are any special requirements/industry standards required to overcome extreme environmental conditions?	
10iv	Is a wash down procedure carried out?	
Please detail method of cleaning, products and temperatures used during process i.e. cleaning fluids etc. Palamatic offer full Clean-in-Place systems for these machines and will be happy to offer a quotation if necessary.		

Section 12: Documentation Requirements

Please highlight all documentation below

12i	Format	Paper <input type="checkbox"/> Electronic <input type="checkbox"/>
12ii	Certificates of Conformity	Yes <input type="checkbox"/> No <input type="checkbox"/>
12iii	Motor Data Sheets	Yes <input type="checkbox"/> No <input type="checkbox"/>
12iv	Maintenance Certificates	Yes <input type="checkbox"/> No <input type="checkbox"/>
12v	Factory Acceptance Tests	Yes <input type="checkbox"/> No <input type="checkbox"/>
12iv	Site Acceptance Tests	Yes <input type="checkbox"/> No <input type="checkbox"/>
12vii	Document Quantity	

Section 13: Additional Comments

11	Please highlight below any additional comments that you feel are relevant

Thank you for supplying the above details. Your request for quotation will be dealt with in a prompt and efficient manner. If full details cannot be provided we will be happy to offer a budgetary quotation against the information available. However, this will be subject to amendment when full details become available.