

NEW BAGGING INNOVATION THAT CHANGE THE RULES IN THE FLOUR MILLING INDUSTRY

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INTRODUCTION TO PTC LINE AUTOMATION



Weighing and Feeding

Pallet Wrapping

Bagging

Bag Closing and Sealing

Palletizing

NEW FLOURPAK “PTF” BAGGER INNOVATION



THE 3 BEST COMBINATION

1. High Speed Vertical Auger + Net Weighing Top Up
= 5X More Accurate

2. BFW Technology Resulted Low to Zero Dust Emission
= Safer Operation

3. Low Intervention Design = Less Parameter, Simplified Interface,
Self Adjusting Function = User Friendly, Less Training, Best Uptime

PTF AT NORTH DAKOTA MILLS



THE GOAL OF THE PROJECT

Solution for the flour market (worldwide) looking for high speed, high accuracy machine:

- Very high accuracy
- Low dust emission
- No settling unit (no vibration)
- To replace carousels technology
- Easy to operate

BENEFITS OF THE NEW INNOVATION

- HIGH EFFICIENCY FOR HIGHER UPTIME
- LOW DUST EMISSION FOR SAFER ENVIRONMENT
- HIGH ACCURACY FOR LESS PRODUCT GIVEAWAY THAN OTHER TECHNOLOGY AVAILABLE ON THE MARKET

ANNUAL ROI ON GIVEAWAY PRODUCT

Scenario:			
	Number of Bags per Year:	6 000 000	Bags
	Bag Weight:	25	kg
	Cost of Flour:	0,45	USD/kg
Net Weigher Bagger Technology			
	Accuracy per Bag	0,080	kg
	Annual Lost (Giveaway Product):	480 000	kg
	Annual Lost (Giveaway Product):	216 000	USD
PTF Technology			
	Accuracy per Bag	0,035	kg
	Annual Lost (Giveaway Product):	210 000	kg
	Annual Lost (Giveaway Product):	94 500	USD
ANNUAL SAVING ON PRODUCT LOST:		121 500	USD per year

DATA SHEET COMPARISON

CRITERIA	PTF ADVANTAGES
DUST ISSUE	<ul style="list-style-type: none">• CLEANER OPERATION W/BFW TECHNOLOGY• LESS MOVING PARTS THAN CAROUSEL = LESS DUST ACCUMULATION• SAFER ENVIRONMENT
ACCURACY	<ul style="list-style-type: none">• MORE ACCURATE +/- 30g. vs 80g• MAJOR COST SAVING, LOWER TOTAL COST OF OWNERSHIP
SPEED	<ul style="list-style-type: none">• FASTER W/TOP UP TECHNOLOGY• NO SETTLING UNIT REQUIRED• HIGH SPEED VERTICAL AUGER
OPERATER	<ul style="list-style-type: none">• SIMPLE & EASY TO OPERATE• HIGHER UPTIME
BAG HANDLING	<ul style="list-style-type: none">• CAN HANDLE A WIDE RANGE OF BAG



**THANK
YOU**