

PTK SERIES



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HIGH-SPEED OPEN-MOUTH BAGGER ●●●



# BAGGING

## HIGH-SPEED OPEN-MOUTH BAGGER

PTK SERIES

The **PTK Series** bagging systems are unique, advanced, rapid, and versatile. These high-speed systems designed for bagging powdered or granular materials into open-mouth bags have no equivalent on the market. The **PTK Series** baggers are modular platforms that can be configured to suit various applications. They handle all paper, PE, and woven PP bags (pillow-type or gusseted) and can integrate

all types of closing systems. They respect high hygienic standards achieved by dust-free bagging and total bag control. Thanks to their unique bag handling technology, the **PTK Series** baggers are the fastest single and dual spout machines in the industry providing continuous bag retaining, thus ensuring total success without compromising quality and efficiency of the bag closing.

### APPLICATIONS

The **PTK Series** baggers are intended to package a large variety of materials in different industries.



#### Minerals

Coal, gravel, ground limestone, sand, etc.

#### Chemicals

Fertilizers, plastic pellets, salt and other de-icing materials, etc.

#### Food

Bakery mixes, flour, food additives, milk powder, rice, sugar, etc.

#### Feed

Bird seeds, grain, farm animal food, fish food, etc.

#### Pet Food

Cat and dog food



●●● PTK SERIES BAGGERS HANDLE ALL PAPER, PE, AND WOVEN PP BAGS

*Premier Tech*



**AUTOMATION**  
THROUGH

INNOVATION



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### FEATURES AND BENEFITS

- Reach speeds up to 40 bags per minute
- Quick and reliable transfer of filled bags to the closing system thanks to continuous bag retaining from bag placing to closing
- Completely integrated scale control system
- Unique bag separation technique allowing reliable empty bag handling even with soft bags
- Fast and simple bag size changeover (5 min or less)
- Compatible with pinch top closers, sewing machines, sealers or any external closing systems
- Bag detection system on the spout provides automatic bag rejection and clean equipment during operation

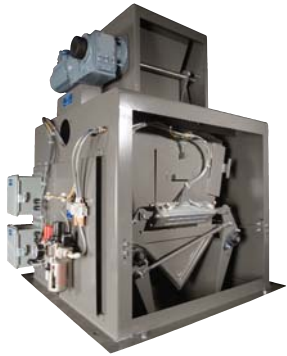
- Multiple stack bag magazine for great operating autonomy and fast reloading
- Motorized height adjustment of outfeed conveyor
- Stainless steel product contact surfaces
- Allen-Bradley control system installed in a NEMA 12 cabinet. Self-diagnostic software with emergency-stop interlocks
- Designed for dusty environments, including TEFC electrical motors



- Programmable logic controller (PLC) with user-friendly touch screen operator interface for easy troubleshooting and error code reading

### Options available

- Double wall dust-tight spout
- Integrated laser coder (on empty bags)
- Fully automated changeover
- Bag kicker
- Weighing systems\*
- Bag closing systems



\*E-55 Scale

### MAIN MODULES



The pick-up unit lifts an empty bag from the magazine and releases it onto the feed conveyor.



Spacers enter into the bag, side clamps pinch the bag, then the transfer arm swivels to place it onto the spout.



The empty bag is placed on the spout.



The upper transport unit jaws grab the top of the bag and move it toward the closing system in synchronization with the outfeed conveyor.

... SYSTEM EQUIPPED WITH THE MOST ADVANCED SOFTWARE TECHNOLOGIES



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### ● ● ● SPECIFICATIONS

	PTK-1700	PTK-2700
<b>Bag specifications</b>		
Material	PE, plastic coated Woven PP, with / without inner liner, paper, plastic coated jute or jute with inner liner	
Thickness	3.5 to 10 mils (87,5 to 256,6 $\mu$ m)	
Face width	10" to 20" (254 to 508 mm)	
Length	20" to 40" (500 to 1016 mm)	
<b>Production rate*</b>	Up to 25 BPM	Up to 40 BPM
<b>Air consumption**</b>	45 scfm (1274,6 NI/min)	60 scfm (1700 NI/min)
<b>Operating pressure</b>	80 psi (5,5 bar)	
<b>Electrical requirements***</b>	460 V / 3 Ph / 60 Hz or 575 V Available with transformer	
<b>Protection</b>	Min. NEMA 12	

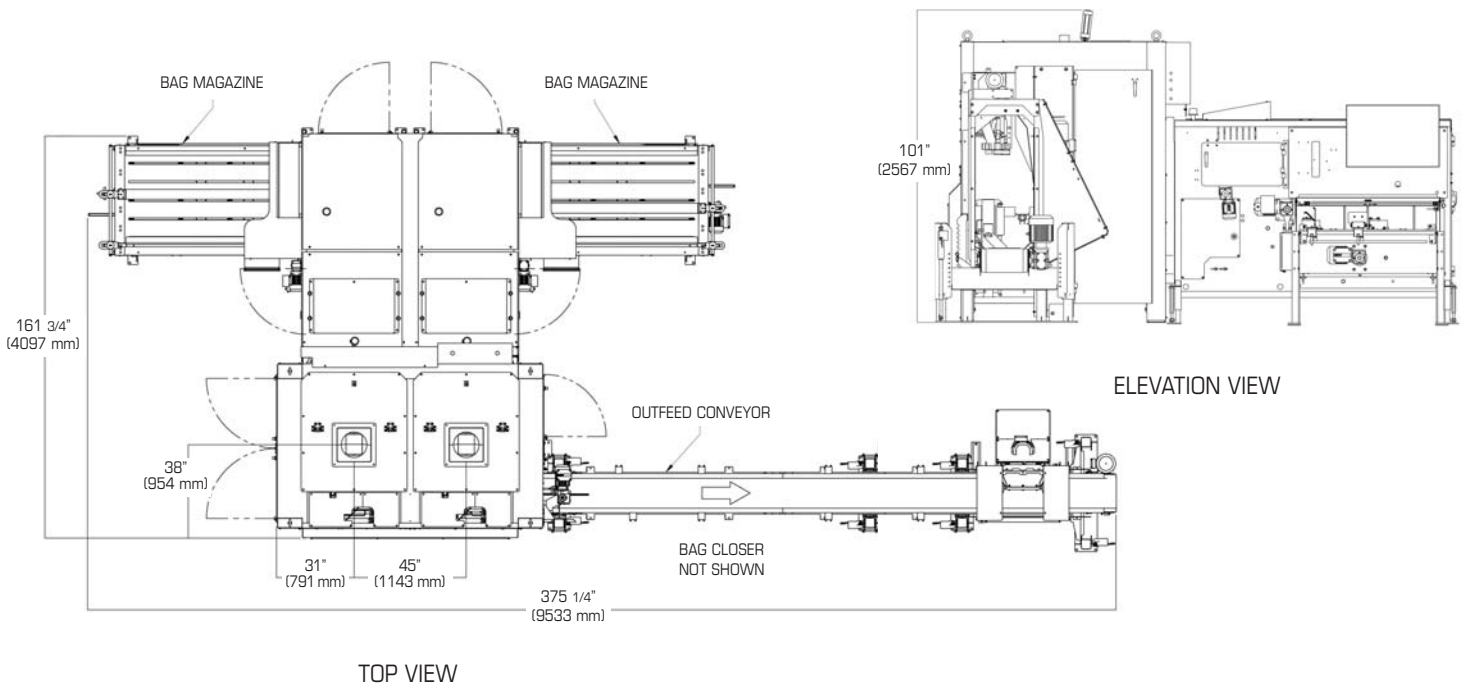
\* Depending on product characteristics, method of feeding, bag size, film thickness, etc.

\*\* Certain options may require a higher air consumption

\*\*\* Other voltages available

### ● ● ● TYPICAL LAYOUT

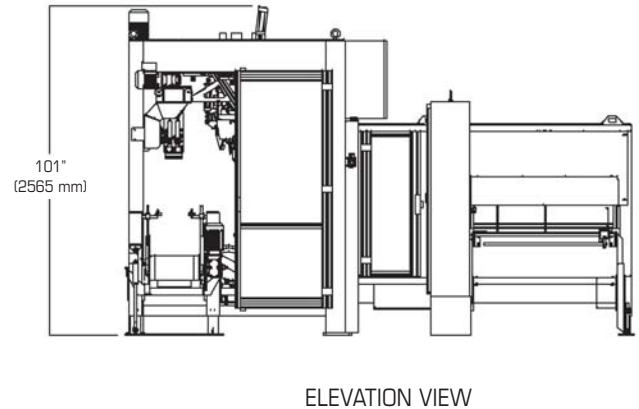
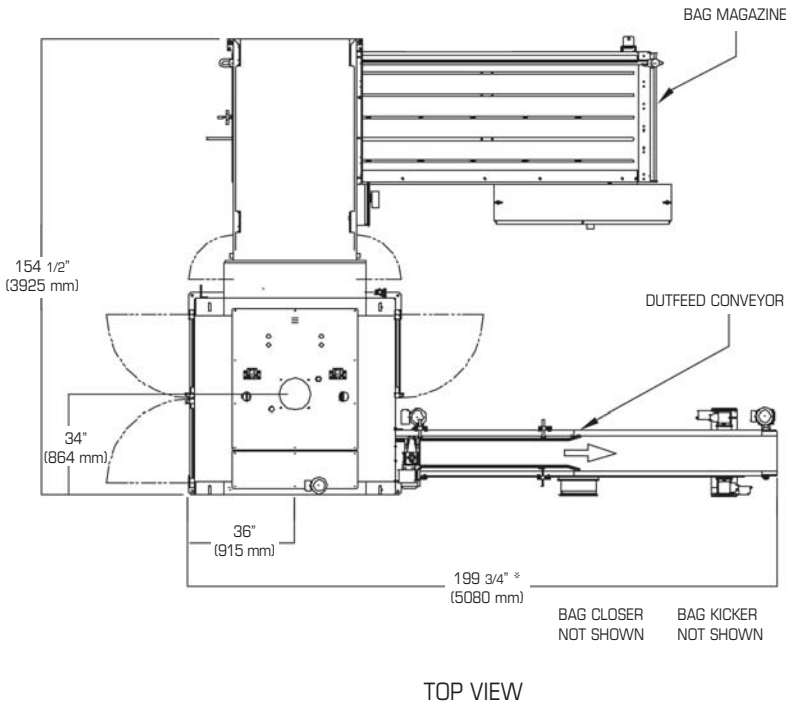
PTK-2700



●●● DUAL SPOUT UP TO 40 BPM; FASTEST EQUIPMENT ON THE MARKET

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\* Will vary depending on configuration and options required.



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