

K 4, K 6



CHRONO-FILL™ K 4 and K 6 open-mouth bagging carousels are suitable for bagging powdery bulk materials such as flour and other fine materials that need to be densified or compacted. Many companies in the flour industry have optimised their packaging processes with Chronos Richardson's carousel bagging systems and benefited from many years of reliable operation with this proven bagging system. The design flexibility permits quick and simple bag spout changeover. The solid steel construction with low-maintenance components and assemblies guarantees high machine operational availability. The carousel bagging systems are available in manual and semi-automatic versions. On the semi automatic version, the bag is automatically placed on the bag spout and fed manually into the sewing unit.

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BAGGING CAROUSELS FOR OPEN-MOUTH BAGS ●●●

CHRONO-FILL™ K 4, K 6



BAGGING

BAGGING CAROUSELS FOR OPEN-MOUTH BAGS

K 4, K 6

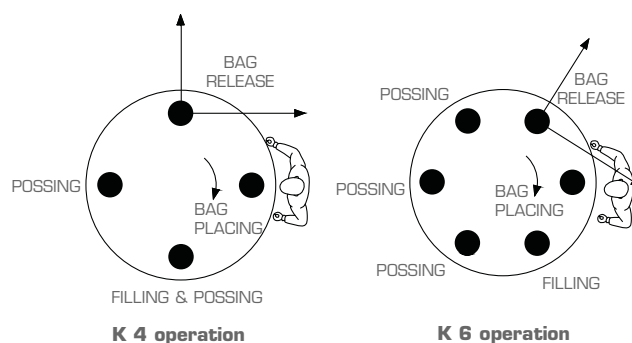
FUNCTIONALITY

CHRONO-FILL™ K 4 is a 4-spout carousel. The bag is manually placed on the pneumatically actuated bag clamp, which holds the bags tightly during the following process steps. The first spout is the placing position. The carousel is turned to the next station, which is the filling and first densification position. The bulk material is weighed by a nett weigher and discharged into the bag. The bulk material in the bag is briefly compacted by a vertical passing device. The process is repeated at the next position. At the last position the bag is released from the bag spout, dropped onto a conveyor belt and transferred in upright position into the bag closing device.

With the K 4 outputs of up to 550 bags per hour can be achieved.

The **CHRONO-FILL™ K 6** bagging carousel is equipped with 6 spouts. The procedure is the same as for K 4, however the K 6-carousel utilises 3 passing devices.

The K 6 design is a high-speed bagging carousel capable of packing up to 950 bags per hour.



FEATURES AND BENEFITS

- Ability to handle different types of bag
- Solid construction
- Easily interchangeable bag spouts
- PLC control system with user-friendly operator interface
- Precise nett weighing technology using the SpeedAC controller
- Low-maintenance components and assemblies
- Clean working conditions due to limited dust escape in the filling area

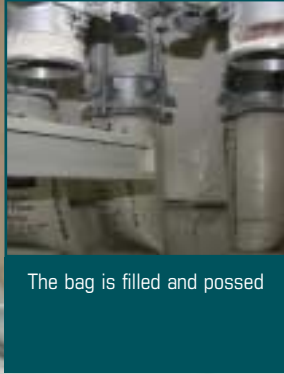
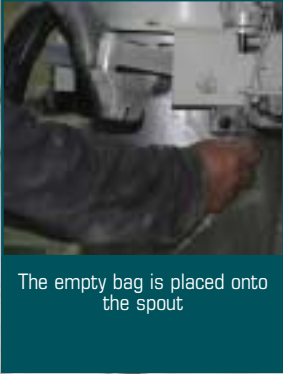
Optional modules

- Sweeping device in carousel area
- Powered height adjustment of the outfeed conveyor
- Automatically adjustable passing device
- Automatic bag placer

TECHNICAL DATA

Bag types	Open-mouth bags, pillow type	Bag sizes	Width : 430 – 600 mm Length : 600 – 1200 mm
Bag material	Paper, PE or PP		
Weighing	K4 One nett weigher	K6 Two nett weigher	
Output	Up to 550 bags/hour	Up to 950 bags/hour	
Power consumption	10 kW	15 kW	
Power supply	3 AC / 400V – 50Hz (other voltages available)	3 AC / 400V – 50Hz (other voltages available)	
Air consumption	~40 NL/min	~50 NL/min	
Operating pressure	6 bar	6 bar	
Operating temperature	+5 °C to +35 °C	+5 °C to +35 °C	
Noise level	75 dB (A)	75 dB (A)	

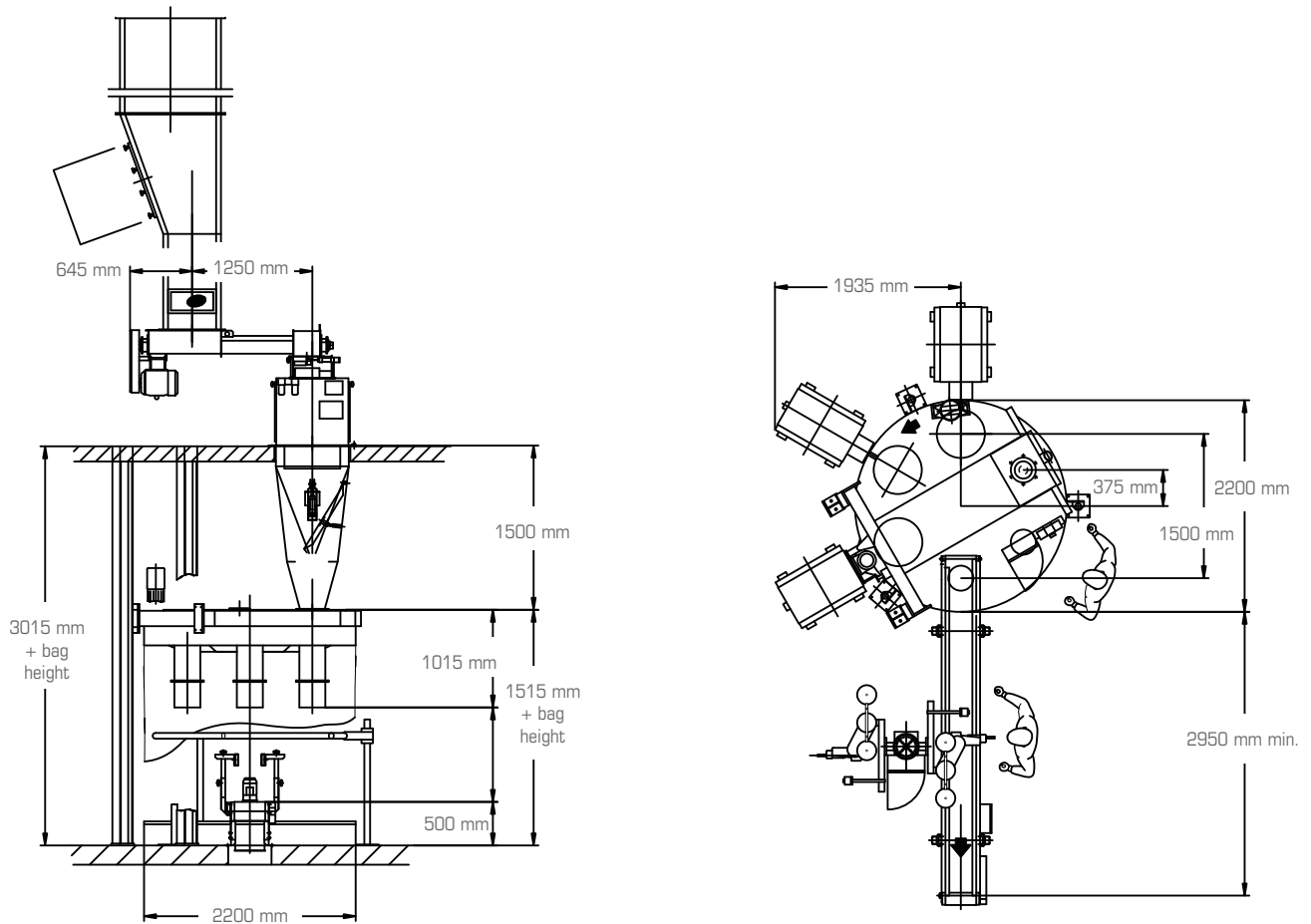
●●● CAN HANDLE VARIOUS OPEN-MOUTH BAG MATERIALS AND SIZES



AUTOMATION
THROUGH INNOVATION

● ● ● **TYPICAL LAYOUT (with nett weigher)**

K 4, K 6



WORLDWIDE PRESENCE

Rivière-du-Loup, CANADA • Brea, USA • Hennef, GERMANY

Viry-Châtillon, FRANCE • Nottingham, UNITED KINGDOM
Parma, ITALY • Bangkok, THAILAND • New Delhi, INDIA

For nearly 125 years now, **Chronos Richardson Systems** has made its mark on the European and Asian markets thanks to its innovative packaging and processing solutions and approach to complete integrated system projects tailored to customers' individual needs. Armed with its experience, the inventor of the first automatic weigher is now recognized as a specialist in weighing, batching, bagging and palletising for the food, feed, chemicals, plastics, fertilizer, milling and cement industries.

Chronos Richardson Systems is part of the Industrial Equipment Group of Premier Tech, one of the largest players in the field of industrial flexible packaging worldwide.

Find your solution with Chronos Richardson Systems.



Chronos Richardson Systems GmbH, GERMANY
☎ +49 (0) 2242 9335 0
☎ +49 (0) 2242 9335 186
✉ info@chronosrichardson.com
www.chronosrichardson.com

Chronos Richardson Ltd., UNITED KINGDOM
☎ +44 (0) 115 935 1351
☎ +44 (0) 115 960 6941



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