

OML 600



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OPEN-MOUTH BAGGING LINE

CHRONO-FILL™ OML 600



LOOSE FILL BAGGING

OPEN-MOUTH BAGGING LINE

OML 600

The **CHRONO-FILL™ OML 600** bagging system is a compact fully automatic packaging system designed for bagging all kinds of powders or granules into open-mouth bags. The system was developed for the feed and food industries. **OML 600** combines effective bagging technology with an easily cleaned configuration. Depending upon the system layout and the material being packed **OML 600** can reach outputs of up to 900 bags per hour.

The optimized construction and compact design of **OML 600** allows for simple installation in restricted spaces. We offer customized system configurations,

based on your individual site requirements and your specific needs.

The bag spout can be exchanged simply and quickly for different sized bags. The **OML 600** has an integrated touch panel with graphical guidance for simple operation. The weigher control also features a simple and user-friendly interface. **OML 600** can be supplied with our gross or nett weighing systems for the optimum system performance.

FUNCTIONALITY

The multi-chamber magazine is designed to hold 4 piles of up to 40 empty bags, depending on the bag type and sizes. The bag magazine can be easily adjusted to accommodate different bag dimensions. After the last bag of a pile has been placed a light barrier detects that a new bag pile has to be brought into position. This avoids interruptions to your production.



Pneumatic Bag Clamp S40

Suction cups on the automatic bag placer pick up the bottom of each bag in the bag magazine. The bag is separated from the pile and brought into a horizontal position. Suction cups precisely open the bag mouth. The bag placing device is positioned into the bag and stretches the bag out ready for filling. The bag placer arms are automatically adjusted to different bag widths. The bag clamp is operated pneumatically after positioning the bag at the spout the filling process starts.

After precise bag filling the bag mouth is again stretched out and the filled bag is lowered onto the conveyor belt. After release of the bag spout

the transfer device takes over the filled bag and transfers the up-right bag into the guiding device. The bag is precisely fed into the bag closing device. Before the bag is closed, a secondary de-aeration device presses out the surplus air above the filled level of the bag. When operating with different bag lengths the operational height is adjusted automatically.

As an option we can provide a special device for gusseted bags so that the bag is filled whilst retaining the integrity of the gussets.

Touch panel with graphic icons



The central control panel houses the electronic devices with integrated PLC control (SIEMENS S7 supplied as standard) and weigher electronics for the complete bagging system. The operator touch panel is built in the control panel and is equipped with a user-friendly graphical operator interface for simple operation.

FEATURES AND BENEFITS

- Compact sturdy design for installation in very tight spaces
- Simple and thorough machine cleaning. No mechanical parts for possible material adhesion below the level of the filling spout.
- Ample machine access so that the cleaning can be carried out quickly and effectively.
- Machine designed specifically for hygienic bagging and packaging operations
- Efficient bagging line for low and middle bagging output rates
- Fast bag changeover to handle different bag dimensions
- Bagging output up to 900 bags per hour depending on individual bulk materials being packed
- Universal system for all common types of open-mouth bags including gusseted and pinch-bottom bags with bag filling weights of 5 up to 50 kg
- Clean production area due to minimized dust generation in the filling zone
- Precise nett or gross weighing using the SpeedAC NXT weighing controller
- Continuous bag transfer from bag pick up to bag closing avoids product contamination
- Reduced installation costs due to integrated PLC controller
- Simple system operation with user-friendly touch panel and integrated graphical user interface

APPLICATIONS

The optimized design and simple cleandown procedures make the OML 600 ideal for the feed and food industries. The system flexibility and performance of OML 600 also allows it to also be other industrial sectors.

OPTIONS

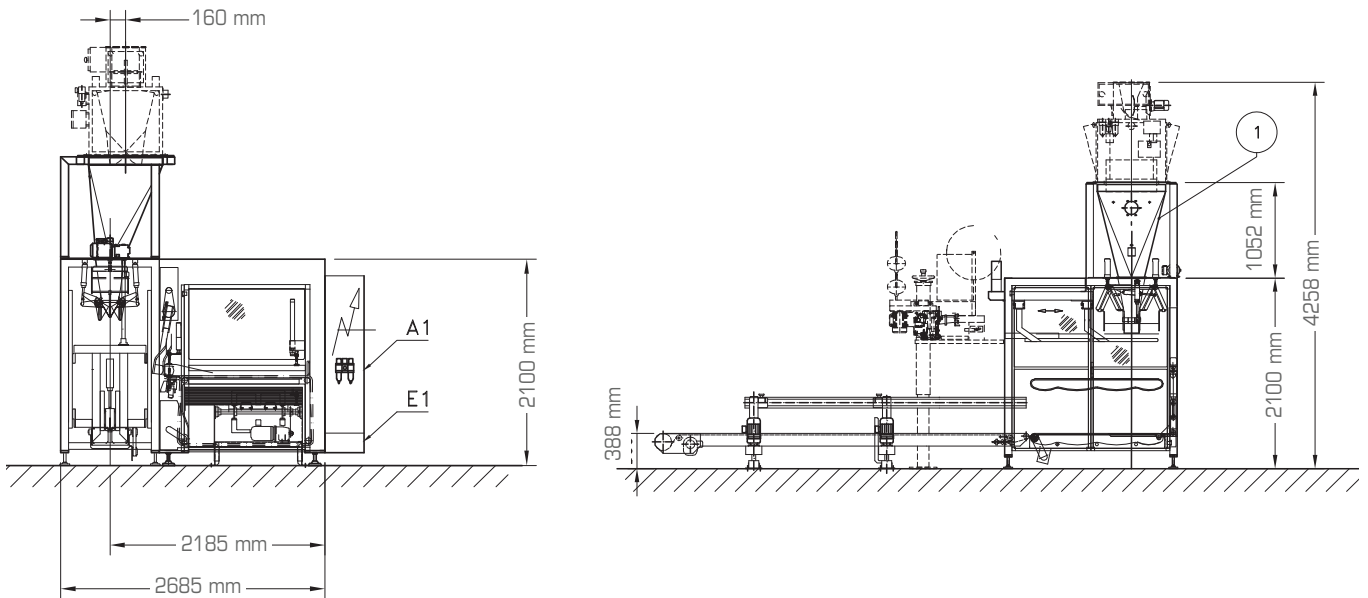
- Gusset guidance
- De-aeration system
- Packing or passing devices. Bag passer strokes are continuously adjustable for optimising packing times and making high frequency packing possible.
- Standard bag marking systems for empty or filled bags
- Standard bag closing devices
- Full stainless steel design

TECHNICAL DATA

Bag types	All common types of open-mouth bags including gusseted or pinch-bottom bags	
Bag material	Paper, plastic	
Bag sizes	Width: 350 – 600 mm	Length: 500 – 1200 mm
Weighing technology	Gross or nett weighing	
Performance	Up to 900 bags/hour	
Power consumption	7,5 kW	
Power supply	3 AC / 400V – 50Hz	
Air consumption	~40 NL/min	
Operating pressure	6 bar	
Operating temperature	+5 °C to +35 °C	
Noise level	75 dB (A)	

TYPICAL LAYOUT

OML 600



With nett weigher.

WORLDWIDE PRESENCE

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

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.

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

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.



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