



# **OML-1140**

**High-speed  
Open-mouth bagger**

# OML-1140 High-speed open-mouth bagger

The OML-1140 high-speed open-mouth bagging system is designed for bagging powdered or granular materials into open-mouth bags. The modular platforms can be configured

to suit various applications, to handle all paper, PE, and woven PP bags (pillow-type or gusseted) and can integrate all types of closing systems.

## Applications

For free-flowing materials such as:

**Chemicals:** Fertilizers, plastic pellets, etc.

**Food:** grains, rice, salt, seeds, sugar, animal feed, etc



## Main modules and operating cycle

- The pick-up unit of the bag dispenser takes a bag from the magazine and releases it on the feed conveyor
- The bag is transferred to the bag opener where spacers open it
- The bag placer places the open bag onto the spout which opens. The bag is filled while the product is tapped by the lower transport unit.
- Then, the bag is grabbed by the transport unit which transports it to the upper exit unit.
- The upper exit unit jaws close and the filled bag is moved towards the closing system.

## Features and benefits

- Multi-pile bag magazine, capacity up to 600 bags, depending on bag type and thickness
- Ergonomic bag magazine to ease the empty bags loading from 1 side of the machine
- Variable frequency drives (VFD) on key movements for smooth operation and longer life span
- Main frame structure made of welded structural steel
- Detection system to check if the bag is correctly placed on to the spout to avoid product spillage
- Outfeed conveyor
- Programmable logic controller (PLC)
- Powered by electric and pneumatic systems.
- Access doors are fitted with switches which automatically switch OFF the Bagger
- Total control of the bags throughout the entire cycle
- Minimal bag handling time to allow high speed operation of the equipment

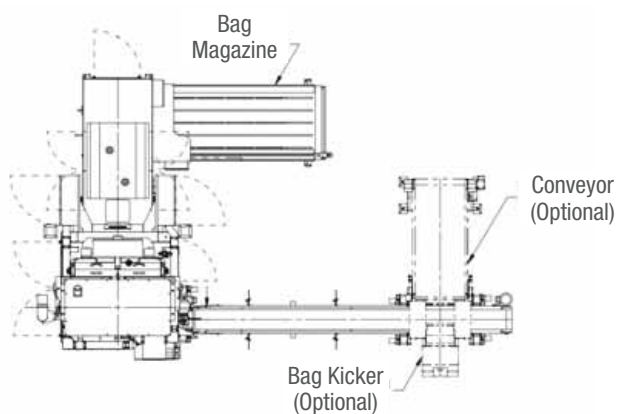
## Options

- Weighing system
- Infeed hopper
- Bag closing system
- Bag kicker or in-line turner
- Protection against corrosive environment
- Tool-less changeover for multiple bag size
- Easy interchangeable spout

## Specifications

<b>Estimated Output:</b>	Up to 22 bags per minute, on 50kg bags for free-flowing product
<b>Weighing range:</b>	5 to 50 kg
<b>Bag specifications:</b>	Material: Paper, PE and Laminated Woven PP, Non-laminated Woven PP available in option Type: Pillow open mouth bags Gusseted open-mouth bags available in option Empty bag width: 300mm to 700mm Empty bag length: 500mm to 1100mm
<b>Operating temperature:</b>	+5°C to +35°C
<b>Air pressure required:</b>	5.5 bar
<b>Required power supply:</b>	400 V / 3 Ph / 50 Hz
<b>Overall dimensions:</b>	Length: 4 500 mm – depends upon closing system and bag lay down option Width: 4 300 mm Height: 2 500 mm

## Layout



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