



# POLIMAT® EVO palletizers



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# Automatic palletizers

**FLSmidth Ventomatic SpA has more than 40 years of experience in the development of palletizers. Starting from the first suction pad palletizers type SPV to the well established C series, FLSmidth Ventomatic has always aimed at bringing innovative design and technology to the market.**

**The POLIMAT® EVO is the result of this continuous evolution.**

The POLIMAT EVO palletizer is available in two configurations:

POLIMAT EVO 15

- 1800 b/h with 50 kg bags (5 bags/layer);
- 2000 b/h with 25 kg bags (8 bags/layer).

POLIMAT EVO 25

- 2500 b/h with 50 kg bags (5 bags/layer);
- 3000 b/h with 25 kg bags (8 bags/layer).

For both versions is now available a "package" properly designed for handling special materials such as ready mix, mortars, minerals, fertilizers, chemicals etc) and special bags (plastic polypropylene with different sizes and weights).



## Main Features

This new generation of palletizer benefits from several innovations which affect positively either from a manufacturing or economic point of view:

- Flexibility in design such as full regulation for multiple bags sizes, various stacks height, use of slip-sheet or stretch-hood units;
- Some parts can be locally manufactured;
- New concept of the lifting table;
- Integrated frame for belts;

- Increased speed using advanced control technology like brushless motors and closed-loops frequency drives to achieve capacity of up to 2500 bags/hour;
- Full electrical controls, no pneumatic or hydraulic drives;
- Pre-assembled and pre-wired with quick-connectors to minimize erection and commissioning time;
- All parts can be moved manually from the HMI during maintenance or troubleshooting.

## Key benefits

- **Touchscreen control panel for easy operation;**
- **Fast set-up of bag size and pallet dimension;**
- **On board FIELDBUS system for real time control of sensors/actuators status;**
- **Complete and basic Maintenance & Service accesses;**
- **Optimal for compacted layout/configuration.**

