

EFFICIENT PALLETIZING

Standardized **end-of-line** solutions for smarter production.

Automate your end-of-line packaging with our compact and reliable palletizing solutions.

Our standardized platforms combine high precision, flexibility and easy integration – tailored to your products and production flow.



Shape Process
Automation

SHAPE TECHNOLOGIES GROUP®



Shape Process Automation EMEA

Automation that keeps production moving

Shape Process Automation specializes in industrial automation and robotics.

We deliver complete solutions – from individual standard cells to integrated production lines – with a focus on operational reliability, precision and long-term performance.

With extensive experience in robotics, material handling and system integration, we help our customers streamline production, reduce manual operations and create stable flows all the way to the finished pallet.

Our end-of-line solutions

A well-functioning end-of-line process is essential for efficient production. Our palletizing solutions are designed to:

- ▲ Optimize floor space with compact systems
- ▲ Enable fast installation and easy integration
- ▲ Adapt to the product, pallet type and layout
- ▲ Create a safe working area with light curtains and CE-compliant safety

We offer both robot-based and autonomous standard palletizers – all built on proven platforms that can be configured to meet your needs.



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EP180 – Palletizer

COMPACT, AUTONOMOUS AND READY TO DELIVER

Standardized palletizing for a stable and efficient end-of-line process

EP180 is our proven, fully automatic palletizer, developed for repeatable, long-term industrial operation. Built on a standardized platform, it combines a compact design with high precision and predictable performance.

The system picks products from the infeed conveyor and palletizes them with consistent accuracy
– shift after shift.

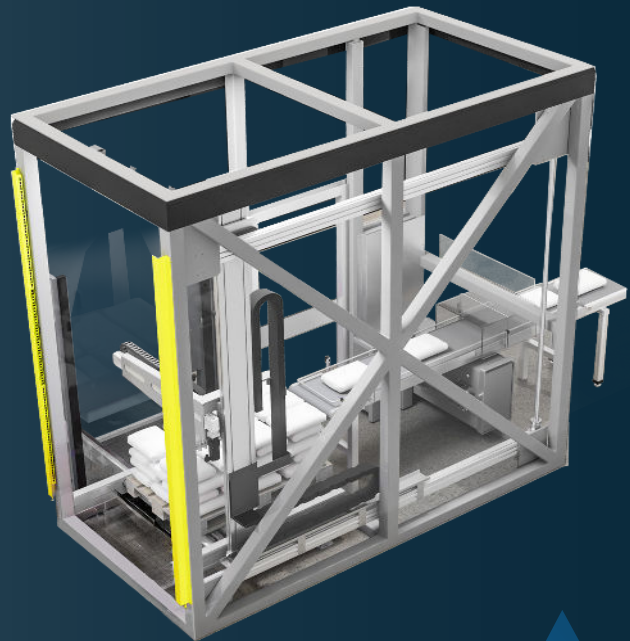
EP180 is designed for companies looking to standardize their palletizing and reduce reliance on manual operations without compromising flexibility.

One platform – multiple pallet formats

EP180 can be configured for:

- ▲ EUR pallet (1200 × 800 mm)
- ▲ SEA pallet (1200 × 1000 mm)

The platform accommodates different pallet sizes within the same basic design and can be adapted to the product characteristics and production flow.



TECHNICAL SPECIFICATIONS

Capacity	<10 picks/min
Availability	96%
Material	Steel / Painted
Pallet magazine	Optional, side/end
Lifting capacity/unit	10 kg

Power supply	16A
Air	500 L/min
Width	1500 mm
Length	2515 mm
Height	2400 mm



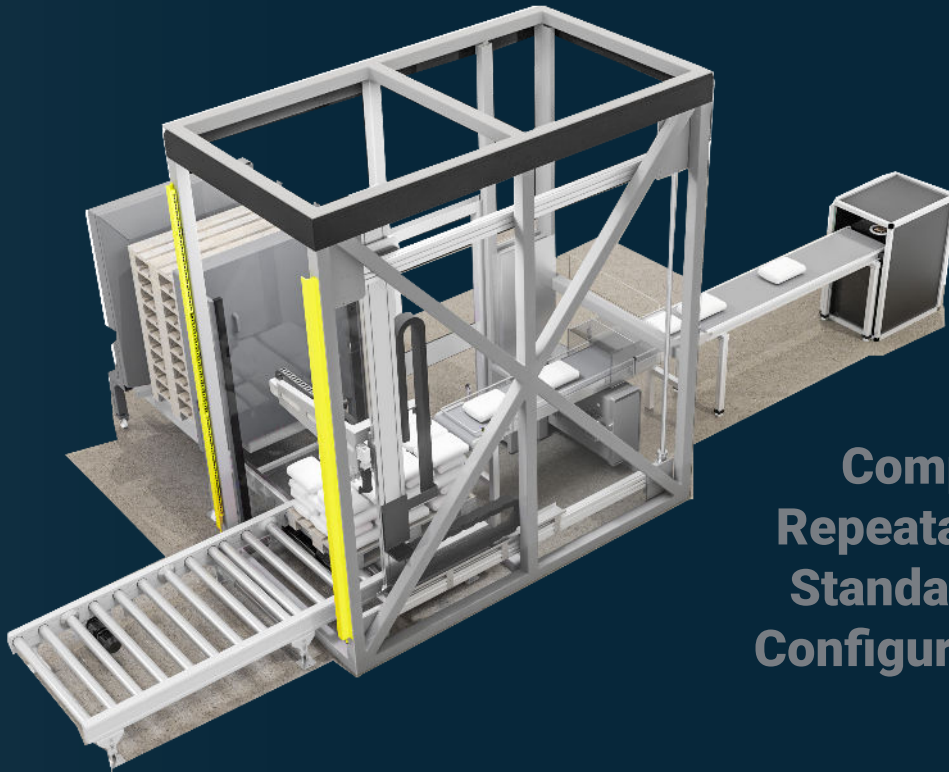
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A clearly defined standard

EP180 can be supplied as a complete palletizing cell in a predefined standard configuration or with selected options.

This ensures controlled implementation, a clearly defined scope and predictable performance.



Compact footprint
Repeatable precision
Standardized design
Configurable platform

Standard configuration includes

- ▲ Palletizing onto pallets
- ▲ Infeed conveyor
- ▲ Standard gripper or vacuum tool
- ▲ Predefined pallet pattern
- ▲ Safety system with light curtain
- ▲ Integrated Siemens control system
- ▲ CE documentation

Options and extended capabilities

- ▲ Extended pallet capacity / conveyor
- ▲ Pallet magazine
- ▲ Automatic slip-sheet handling
- ▲ Customized pallet patterns
- ▲ Special tooling
- ▲ Depalletizing
- ▲ XL – for high palletizing, max. 2400 mm
- ▲ Installation and commissioning

All options are developed within the same technical platform and integrated without compromising system stability or performance.



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WATCH PRODUCT ►



EP100 – Robot-based Palletizer

FLEXIBLE ROBOT CELL FOR FAST PALLETIZING

EP100 is a complete, stand-alone robot cell for palletizing materials or components according to your specific requirements.

The cell picks products from the infeed conveyor with high precision and speed and can palletize onto two pallets on a conveyor.

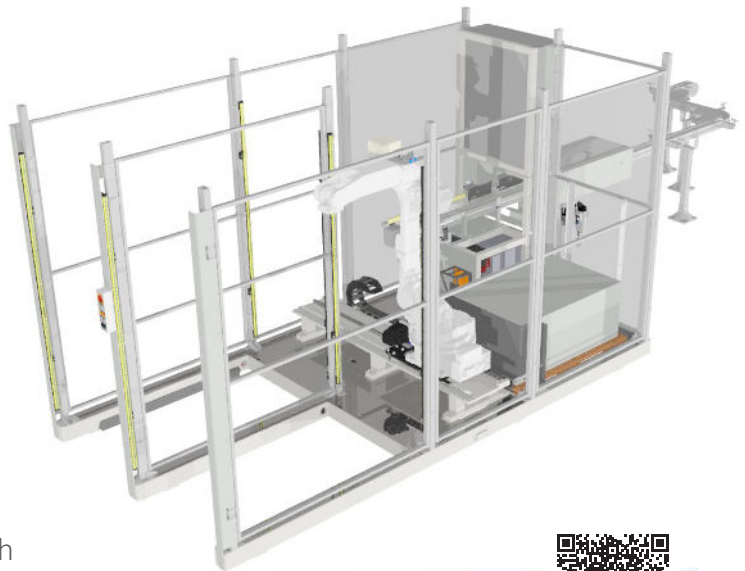
Standardized foundation – customized solution

The robot cell is based on a standardized design that can easily be adapted to your products, flows and layout requirements.

EP100 offers:

- ▲ Palletizing to two pallet positions
- ▲ Infeed conveyor
- ▲ Safety provided by light curtains
- ▲ Easy onward transport
- ▲ Flexible tooling configuration

EP100 is the ideal solution when you need high flexibility, greater product variety or more advanced palletizing patterns.



WATCH PRODUCT ►



TECHNICAL SPECIFICATIONS

Capacity	<10 picks/min
Availability	96%
Material	Painted
Robot	ABB / Yaskawa
PLC	Siemens

Power supply	16A
Air	500 L/min
Width	2600 mm
Length	4000 mm
Height	2200 mm



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About Shape Process Automation EMEA

With more than 50 years of experience, Shape Process Automation helps manufacturers worldwide develop and streamline their production through automation, technology and process development.

From our 10,500 m² facility in Karlshamn, our team of 130 specialists develops and delivers automation solutions to leading companies across Europe.

We are part of Shape Technologies Group, a global group with operations in more than 100 countries and production facilities in Sweden, France, the USA, Canada and South Korea.

Global reach – local expertise – customer-focused delivery.



- Karlshamn, Sweden
- Lidköping, Sweden
- Auburn Hills, Michigan, USA
- Burlington, Canada
- Gimhae, South Korea
- Etain, France

12,000+

INSTALLATIONS WORLDWIDE

500+

EMPLOYEES
WORLDWIDE

400+

ROBOT INTEGRATIONS
ANNUALLY (AVG)

50,000 m²

PRODUCTION SPACE



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