



## Efficient small product handling



FIRST CHOICE FOR PRODUCTION LOGISTICS

# SOLUTIONS FOR COMPACT AND EFFICIENT PRODUCTION LINES

**X45** Pre-engineered modules and machine interfaces make engineering and production start-up easier than ever!

X45 offers long term, trouble free operation, and the flexibility to adapt to changing production needs or market requirements.

The X45 conveyor platform is compact, making integration and machine interface easy. Efficient line layouts give you the opportunity to optimize your production flow.

X45 is a safe investment for the future!

**Width:** 45 mm

**Chain width:** 43 mm

**Max length:** 6 m

**Standard puck diameter:** 43 mm

**Horizontal bends, radius:** 150 mm

**Horizontal bends, angle:** 30°, 45°, 90°, 180°

**Vertical bends, radius:** 400 mm

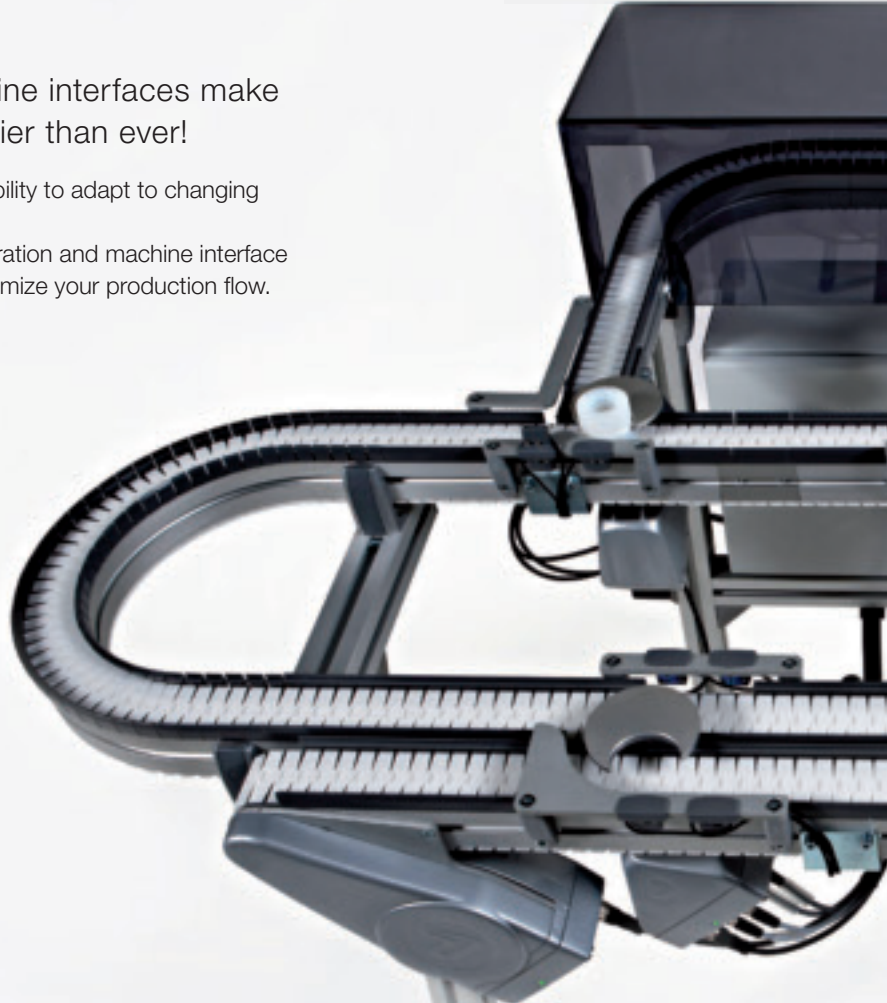
**Vertical bends, elevation:** 5°, 15°

**Speed:** 5–20 m/min

**Max weight on conveyor:** 30 kg

**Drive units:** 24 V and 400/460 V

**Puck handling unit:** 24 V



## EASY LINE ENGINEERING AND RAMP-UP

- Standard proven modules.
- Efficient engineering tools.
- Easy controls set-up.
- Short delivery time.

## COMPACT AND EASY TO INTEGRATE

- Low conveyor section height.
- Compact 400 V drive units and idler ends.
- Tight 30°/45°/90°/180° horizontal bends.
- Low noise.
- Long service life.

## GENTLE PRODUCT HANDLING

- Smooth chain, gentle to your products.
- Robust, high precision guide rails.

## CLEAN DESIGN

- Designed accessories.
- Robust design.
- Self draining guide rail brackets.
- Robust and clean conveyor support brackets.
- T-slot covers as option.



Handling pharmaceutical, cosmetics or other small products?  
The X45e platform offers almost unlimited handling opportunities



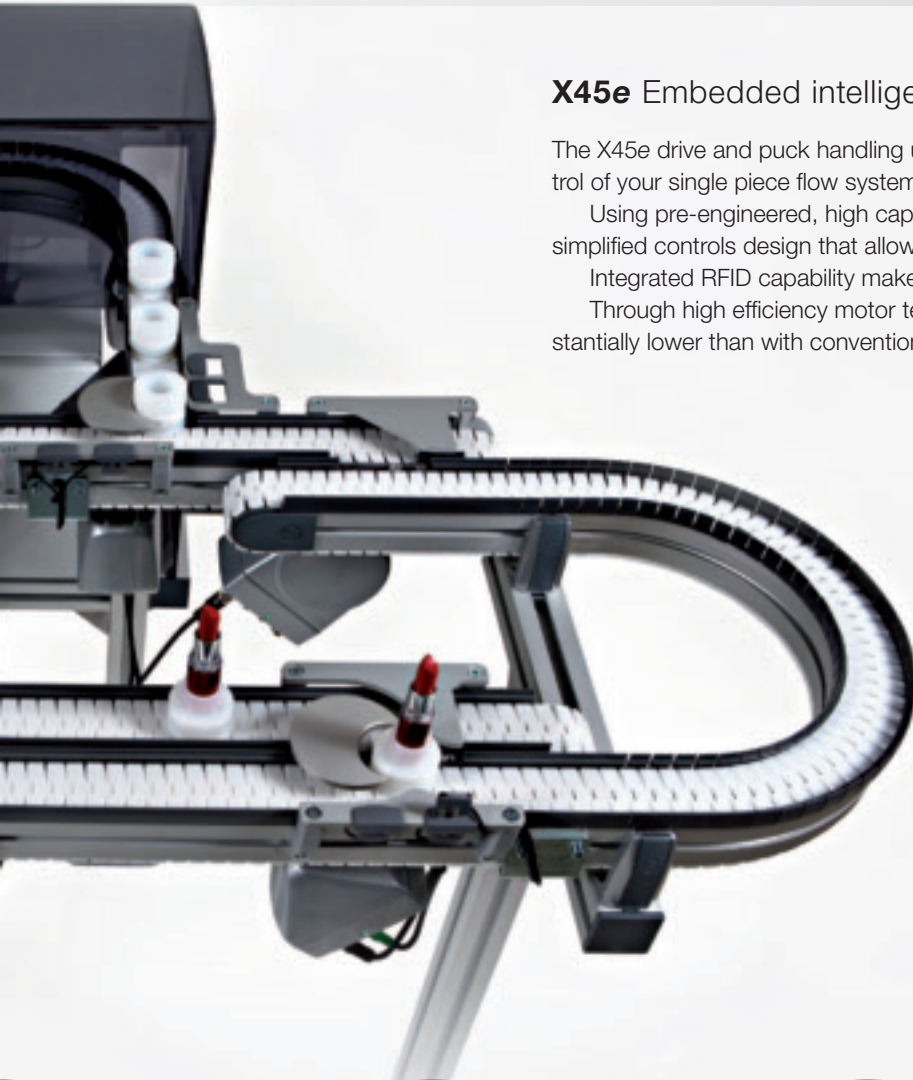
### X45e Embedded intelligence and high efficiency

The X45e drive and puck handling units offer unique solutions for easy and efficient control of your single piece flow system.

Using pre-engineered, high capacity, compact functions, the X45e modules use a simplified controls design that allows easy modification and customization.

Integrated RFID capability makes it easy to control both process and product QA.

Through high efficiency motor technology, the system energy consumption is substantially lower than with conventional solutions.



#### PUCKS

- Standard puck base.
- Upper part customized for specific products.
- Gentle handling of sensitive products.
- Optional RFID capability for track & trace.



#### COMPACT AND EFFICIENT DRIVE UNITS

- Embedded controls.
- High efficiency 24 V PM Motors.
- Low power consumption.
- Low noise.
- Unique design.

#### LOCAL OR CENTRAL CONTROLS – SIMPLIFIED ENGINEERING

- Interface on 24 V drive and handling units.
- Performance parameters such as speed, acceleration and position, are easily set through a PC or PLC.
- Controls engineering, installation, and debug requires up to 50% less time compared to a conventional controls solution.

#### PUCK HANDLING DEVICES

- Divert/merge parallel, 90° and 180°.
- Locating modules.
- Cycle time <1 sec.
- RFID as option for individual tracking, automatic QA and track & trace.
- 24 V drive, embedded controls.
- Low power consumption.

# FIRST CHOICE FOR PRODUCTION LOGISTICS

The X45 conveyor platform and the X45e intelligent drive and puck handling units are the latest development in cost effective, efficient production systems.

Whenever compact integration of conveyors to machinery and equipment, or intelligent production systems for small products are required, X45 offers innovative solutions with short cycle times and gentle product handling.



- Modular, compact and easy to integrate.
- Gentle product handling.
- Sophisticated yet simple controls architecture.
- Low operating costs.
- RFID capable for dynamic routing and automatic QA.

We look forward discussing efficient solutions for your production requirements.

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