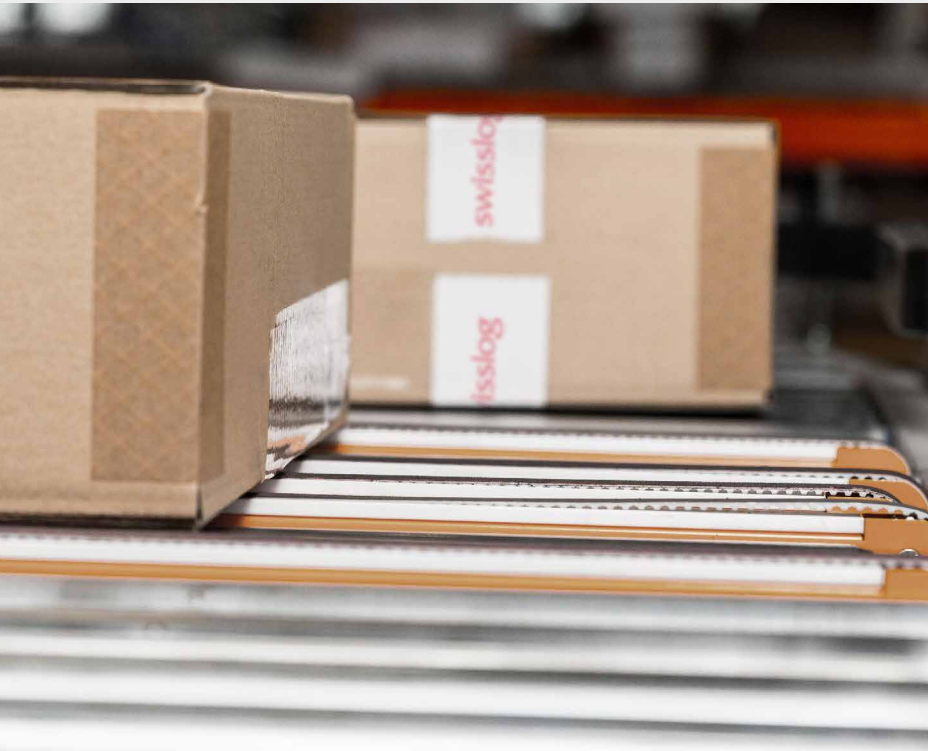QUICKMOVE

EFFICIENT, RELIABLE & SIMPLE
HIGH PERFORMANCE LIGHT GOODS CONVEYOR SYSTEM

Flexible Platform for a Wide Range of Tasks

Swisslog's light goods conveyor system QuickMove is based on a flexible set of high-quality conveyor elements and an integrated controls approach for optimized material flow solutions in a wide range of applications. It features a plug & play architecture integrating mechanical parts, electronics and controls as well as a consistently energy-efficient design.

References

Swisslog customers all around the world have already integrated QuickMove into their operations. Watch this technology in action by visiting www.swisslog.com/quickmove

BENEFITS

■ **Optimized & reliable conveyor solutions**
Preassembled and tested conveyor elements are combined to individually optimized conveyor systems

■ **Energy efficient conveyor elements**
Individual zone control, using 24 VDC drive rollers, provides energey-efficient conveyor solutions.

■ **Electric drives for less maintenance**
Reduced infrastructure and minimized maintenance effort thanks to fully electrically-driven elements

Projects implemented with QuickMove: **XPO ¦ COOP ¦ VARNER**

A CONVEYOR SYSTEM WITH A SUSTAINABLE MODULAR DESIGN AND SMART CONTROLS

- ■ DESIGN
- ■ RANGE & COMPONENTS

- ■ COMPONENTS
- ■ CONVEYORS

- ■ COMPONENTS
- ■ CONTROLS

General

- ■ Conveyor elements are delivered ready for installation (including sensors, as well as drive & controls hardware)
- ■ Motor rollers with Poly-V or PU round belt drives (for 24 V elements)
- ■ Belt conveyor concept with shaft-mounted 400 V AC motors and drive inverters
- ■ Drive and sensor cables integrated in side profiles

Roller Conveyor

- ■ Zone control with individually controlled drive for zero pressure accumalation
- ■ Flexible arrangements of rollers – roller pitch and roller width

Belt Conveyor

- ■ Straight, curved, inclined or declined versions
- ■ With or without tracking functionality

Diverts & Transfers

- ■ 24 V Divert, infinitly adjustable from +45° to -45°
- ■ 24 V Transfer, merging / diverting in a 90°angle

Gravity Roller Conveyor (Non-driven)

- ■ Typically used in a straight or declined arrangement

Add-on

- ■ Stop element
- ■ Flexible sideguides
- ■ Additional sensors

Applications

- ■ Pick-up and deposit for SmartCarrier & Tornado
- ■ Goods-to-person workstations
- ■ Tray loader and unloader

QuickBox Controls

- ■ Integrated in the Swisslog automation concept
- ■ Integrated diagnostics and safety
- ■ Toolchain supported code generation

FACTS

Load range	up to 50 kg
Standard speeds	1.7 m/s
Lane width	420 to 820 mm
Temperature range	from 5° C to 40° C (41° F to 104°F)

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