

SWISSLOG

LIGHT GOODS TECHNOLOGY

QuickMove Light Goods Conveyor System



Quick & reliable!
A conveyor system
with a modern
aesthetic, multi-
functional design
and high perfor-
mance light goods
handling.

Swisslog's light goods conveyor system QuickMove is based on standard elements manufactured with high quality components. Designed according to the plug & play principle, it also features an integrated energy management system.

Areas of application

Wide variety of light goods handling functions

- > Goods-in and goods-out areas
- > Warehouse front-end incl. pick-up and deposit stations to miniloader cranes Tornado
- > Profile check and weighing stations
- > Picking stations
- > Interface to other systems

Typical application range

- > Distribution centers
- > Production facilities
- > Transports to different areas/buildings
- > Modernization and expansion

Benefits

- > Reliable light goods handling through application of modern and proven technology
- > High performance thanks to an ideal combination of mechanics and controls
- > Plug & play installation (all elements delivered pre-assembled, fully wired and tested from the factory) leading to short commissioning time
- > Side profiles with integrated cable ways, allowing for easy floor cleaning
- > Profile T-slots allow simple installation of supplementary hardware
- > Low energy costs due to efficient drive concept for optimized energy consumption
- > Quiet system operation ensured
- > Easy expansion and upgrades possible at a later date

QuickMove - Facts

Load range	Up to 120 kg
Standard speeds of operation	0.1 - 2.0 m /s
Lane width	Up to 1 010 mm
Stroke of vertical conveyor	Up to 12.0 m
Temperature range	From 5°C - 40°C / 41 - 104 °F
Load carriers	bins, trays, cartons, etc.

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Design & Range

In general

- > Conveyor elements are delivered ready for installation
- > RollerDrive concept: PolyVee (24 VDC)
- > Belt conveyor concept: Shaft mounted 400VAC motor, gear box with brake (for inclines & declines)
- > Multi-functional design features side profiles serving as guides with integrated cable ways

Typical functions fulfilled by the QuickMove conveyor element range

- > Direct transport
- > Zero pressure accumulation
- > Low pressure accumulation
- > Alignment
- > Sorting

Electrical system and controls

- > The QuickMove controls are an integrated part of the Swisslog standard controls concept AutomationControl™

Elements



ROLLER CONVEYOR

- > Straight sections for direct transport, low and zero pressure accumulation, alignment
- > Curves, diverts, merges, High speed pop-up diverts and transfers



VERTICAL CONVEYOR

- > Conveyor mounted to carriage
- > Belt driven lowering and raising of carriage
- > Worm gear motor with brake



BELT CONVEYOR

- > Straight sections inclined and declined
- > Curves
- > Merges



GRAVITY ROLLER CONVEYOR (NON DRIVEN)

- > Typically inclined
- > Interface to manual functions
- > Straight sections and tables



TANGENTIAL CHAIN CONVEYOR

- > Conveyor solution for heavy goods
- > Long conveyor lines driven by one motor
- > Tangential chain drive



SUPPLEMENTAL ELEMENTS

- > Pusher
- > Turning pin
- > Lift-up gate

All elements can be supplied in different lengths, widths and pitches to suit the actual application.