

Chain Conveyor System for Cosmetics Production

VarioFlow chain conveyor system

Application

Sector: Food & packaging

System: Production of lipsticks and lip balms

Customer: Weckerle GmbH, Weilheim, Germany

Machine / Process

- ▶ Fully automatic production system MM 360 from Weckerle, used to manufacture 6,000 lipsticks an hour
- ▶ Transport of lipsticks and lip balms between the individual processing stations

Customer requirements

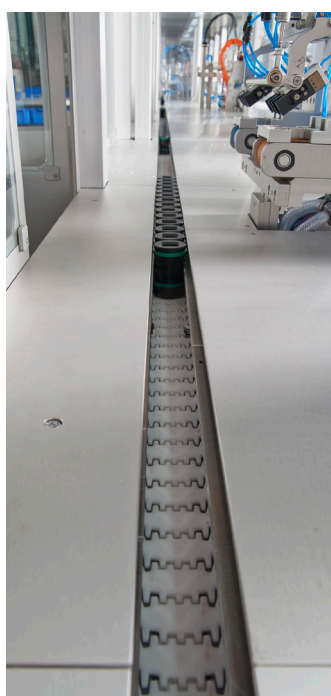
- ▶ Low operation noise of the chain conveyor system with durable chains
- ▶ High chain tensile force
- ▶ Optimum adaptability to various workstations and tasks
- ▶ Stringent hygiene demands, tight space, and fast transfer

Our solution

- ▶ VarioFlow chain conveyor system
- ▶ Modular system design using standard components
- ▶ Smooth finger chain for gentle transitions and quiet product behavior in accumulation mode
- ▶ Sturdy chain with tensile forces of up to 1,250 N
- ▶ Customer-specific design and visualization with the 3-D CAD planning software MTpro.
- ▶ Conveyor speed is 25 meters per minute
- ▶ Short delivery and assembly times

Reasons for decision / Benefits

- ▶ High chain tensile force of up to 1,250 N with a width of 65 mm
- ▶ High reliability and quality of the conveyor system
- ▶ Accomplishment of test runs in accordance with customer specification
- ▶ Competent consultation and provision of a test system
- ▶ Energy, cost, and space savings
- ▶ Comprehensive modular system



◀ **The compact design of the VarioFlow chain conveyor system enables easy adjustment to the environment and recessed installation.**

▶ **Rexroth's VarioFlow chain conveyor system is characterized by sturdy chains with tensile forces of up to 1,250 N. The conveyor speed at Weckerle is 25 meters per minute.**

