



CVF2 FLOOR CONVEYOR SYSTEM

The CVF2 Floor Conveyor was originally engineered for the demanding worlds of glassmaking, cosmetics, and decorative packaging - industries where precision handling and flawless finishes are essential. Today, it has evolved into a versatile solution trusted across multiple sectors for surface treatment and paint application on glass or plastic products.

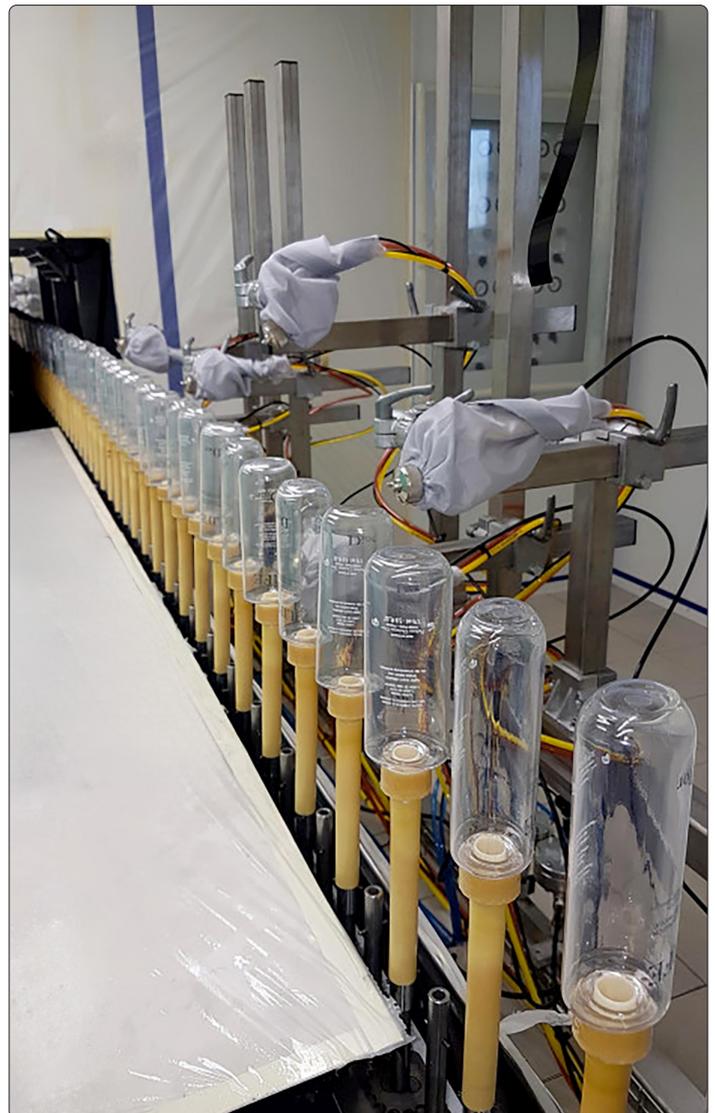
The CVF2 is a robust, modular floor conveyor system developed specifically for product transfer during coating, painting, or surface treatment processes. Each conveyor line is custom-configured from modular sections with return wheels of various diameters - optimized for product dimensions, oven curing times, cooling requirements etc.

Depending on line length, the CVF2 is equipped with one or two main drive units, plus a dedicated or motorized tensioning system to ensure smooth, precise movement. Multiple rotator systems can be integrated on the same line, and purely mechanical rotators can be fitted in ovens or infrared chambers where required.

What sets the CVF2 apart is its exceptional mechanical stability and load capacity - the result of refinement and real-world testing. It delivers:

- High permissible load per support element
- Perfectly balanced transport of bottles, jars, and containers
- Full compliance with customer-specific templates and tolerances

Engineered for long service life, the CVF2 offers low-maintenance operation and rapid access for servicing. Its proven reliability has earned it the trust of surface treatment and coating professionals worldwide.





CVF2 TECHNICAL SPECIFICATIONS

The CVF2 conveyor features protruding axes with turners, allowing for quick adaptation to different product formats using intermediate supports. The pitch can be customized to match production requirements, and the system can operate in either continuous or stop & go mode - giving manufacturers complete flexibility.

Key Advantages: With curve radii up to 50% smaller than standard conveyors, the CVF2 enables smaller oven designs - cutting both energy use and manufacturing costs while reducing plant space requirements.

Smart, Simple Maintenance: Clean design with no retention areas, plus an integrated automatic lubrication system for continuous reliability.

Unmatched Stability: Each conveyor section is designed for perfect

control in critical zones such as loading/unloading, painting, or robotic handling.

Seamless Integration: The CVF2 is designed to handle a wide range of bottles, jars, and plastic packaging for surface coating and decorative applications. Loading and unloading can be performed manually or by robot, with speeds adjustable from 2 to 8 m/min. For high-throughput lines, continuous loading/unloading is possible without stopping the conveyor - thanks to a built-in compensation loop that maintains flow and boosts productivity.

Proven Performance: From cosmetics to specialty coatings, manufacturers around the world rely on the CVF2 conveyor for its stability, adaptability, and efficiency. Its precision-engineered design ensures consistent movement, perfect coating conditions, and long-term dependability - making it the industry's benchmark for floor-mounted conveyor technology.

<p>Chain pitch: multiple by 50 mm Maximum temperature: 280°C Load capacity: 20 to 25 kg per linear meter Design: Composed of sections with a maximum length of 3 m, supported by adjustable supports. Horizontal curves: Equipped with a specific sprocket for a 100 mm pitch. Degree: 45°, 60°, 90°, and 180°.</p>	<p>Radius: 162 mm, 130 mm, and 240 mm. All horizontal curves can be manufactured with custom radii upon customer request, adapted to the production process, line speed, oven time, etc. Drive units: - 180° drive unit - 90° drive unit Motorized tensioning unit: chain tension adjusted by linear actuator</p>	<p>Tensioning system: Tensioning group with chain tension controlled by a linear actuator. Main chain: The chain advances by sliding on lubricated steel plates. Lubrication: Provided by an inline oiler equipped with 2 to 4 nozzles, operating with a specially formulated oil. Conveyor length: 20 to 200 m</p>
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