

▶ Vertical Elevators

Qimarox®

Prorunner® MK1

The **Prorunner® MK1** is a robust, discontinuous vertical conveyor designed for efficiency and reliability within a compact footprint. Its durable steel frame ensures exceptional stability under all operating conditions, making it a dependable solution for vertical transport in a wide range of industrial environments.

Thanks to its **flat belt drive system**, the Prorunner mk1 operates with **virtually silent movement**, enhancing workplace comfort and reducing noise pollution. Unlike chain-driven systems, the flat belt requires **minimal maintenance**, no lubrication, no tension adjustments, resulting in lower operating costs and reduced downtime.

Its space-saving design allows seamless integration into almost any factory layout, making it an ideal choice for facilities where floor space is at a premium.



Prorunner® MK1 – Modular Vertical Conveyor with Custom Integration

Thanks to its **modular design**, the **Prorunner® MK1** seamlessly adapts to a wide range of operational environments. It comes equipped with a **standard roller conveyor** (optionally motorized) as the default product carrier, which can be easily replaced with a **belt conveyor** or other custom carriers, **without altering the core structure**. This flexibility ensures optimal integration with your existing production or distribution systems.

Find out more
on our website



Flexible Infeed and Outfeed Configuration

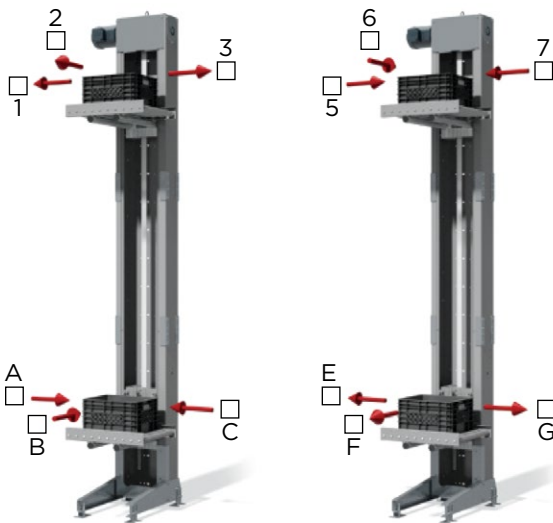
The **infeed and outfeed heights** are fully customizable and, in principle, not limited by maximum elevation. The Prorunner mk1 can also be configured to serve **multiple infeed or outfeed points**, allowing it to function as a **vertical sorter**, ideal for complex routing or multi-level distribution setups.

Durable, Low-Maintenance Components

Built with **high-quality, low-maintenance materials**, the Prorunner mk1 is engineered for long-term reliability and minimal upkeep. Its design reduces downtime and operating costs, making it a smart investment for any facility focused on efficiency and performance.

Configurations

The Prorunner® MK1 is designed for seamless integration into virtually any existing setup. Its adaptable design allows products to be transferred from the left, right, or even the front, provided the appropriate product carrier is installed. This flexibility makes it easy to tailor the elevator to your specific layout and workflow.



Advantages of the Prorunner® MK1

- ▶ Minimum footprint
- ▶ No lubrication or chain tensioning required
- ▶ Suitable for vertical sorting (several heights)
- ▶ Solid steel construction
- ▶ Right-angle arrangement also possible
- ▶ Robust and low maintenance
- ▶ Boxes, crates and bags up to 100kg
- ▶ Low noise level

Key Benefits:

▶ Ultra-Compact Design

Occupying less than 0.7m², the Prorunner® MK1 is perfect for space-constrained environments and integrates easily into existing layouts.

▶ Durable & Maintenance-Free

Its solid steel frame and flat-belt drive eliminate the need for lubrication or tensioning, ensuring long-term reliability with minimal maintenance.

▶ Quiet & Energy-Efficient

The flat belt enables silent operation, while the discontinuous motion conserves energy compared to continuous systems like spiral conveyors.

▶ High Performance

Supports loads up to 100kg (220lb) per lift and achieves 360–420 cycles/hour, making it ideal for medium-duty lifting, sorting, and accumulation.

▶ Flexible Configuration

Customizable infeed/outfeed heights and multi-level sorting options allow tailored setups for complex material flows.

▶ Seamless System Integration

Compatible with the Interroll Modular Conveyor Platform, it connects effortlessly to roller conveyors, belt conveyors, curves, and diverters via standardized interfaces.

▶ Industrial-Grade Stability

Engineered for demanding environments, the MK1 maintains exceptional stability under varying loads and conditions.

▶ Built-In Safety

Equipped with an automated drop-down locking mechanism, the system prevents platform descent in case of malfunction, protecting both equipment and personnel.

Specification	Standard Model	Options
Min. In/Outfeed	60cm	36cm
Min. In/Outfeed	2.6m	14m
Throughput p/hour	400mm	1740mm ²
Product (Max. L x W)	60cm x 60cm	91cm x 60cm
Weight	30kg	100kg



CSL Automation

3 Highwall Business Park, Tetron Way,
Swadlincote, Derbyshire, DE11 0AF

+44 (0)1283 55 22 55

sales@cslautomation.co.uk