

## PRESS RELEASE

Key Components for material handling:

- Safety Fencing
- Vertical Conveyors
- Palletising Modules

Harderwijk, April 2013

### *On-site assembly of Prorunner mk1 and mk5*

## Qimarox makes installing vertical conveyors faster and easier

**Qimarox has made the installation of vertical conveyors faster, easier and cheaper. Thanks to the modular design of the Prorunner mk1 and mk5 it is possible to transport the machine in parts and to assemble it on location. This leads to lower transport costs and prevents all kinds of measures being necessary in order to place fully assembled product elevators in the correct place on location. System integrators can optionally take care of assembly themselves.**

A fully assembled product elevator takes up a lot more space than all its loose parts together. This means that delivery in parts entails much lower transport costs than the transport of a fully assembled machine.

This also means that less space is needed on site to install the machine in the right place. All parts fit through any door and no heavy equipment for unloading and erecting the machine is needed.

### **Shorter delivery time**

An additional advantage of delivery in parts is the shorter delivery time, since the product elevator doesn't need to be assembled prior to transport. Because assembly is simple thanks to the modular design of the machine it can be done on the spot by the system integrator himself. It is therefore not necessary to call in the help of Qimarox service engineers.

Qimarox of course still offers the possibility of having the product elevators delivered fully assembled. This might be particularly useful if you have limited time for installation of the machine. In such cases the assembly, but also the testing of the product elevator, will already have been done beforehand.

### **Less setting and adjustment required**

The product elevators of Qimarox can be distinguished from other vertical transport systems through their quick and easy installation. Take, for example, the Prorunner mk5, the patented product elevator that works on the paternoster principle. Due to the unique way in which products are picked up or deposited, it is unlike, say, a spiral conveyor, where it is necessary to synchronise the speed of the elevator with the speed of the infeed and outfeed conveyors. The Prorunner mk5 also doesn't need frequency controllers that need to be accurately adjusted.

It is also no longer necessary to check the oil level as this is taken care of by Qimarox before shipment. Upon delivery of a fully assembled elevator, the chain tension has also already been checked by Qimarox, which makes installation time even shorter. If the elevator should start up in the wrong direction, don't worry, this won't cause any damage problems. The direction of movement can be easily adjusted.

### **Low maintenance and energy efficient**

The Prorunner mk5 is also extremely maintenance friendly during use. Thanks to the patented drive system the chain doesn't need to be shortened already after 200 hours, unlike other vertical transport systems.

If a fork is damaged, it can be easily removed and replaced. If no spare fork is available the elevator can also continue working with one less fork. You do not have to worry about the Prorunner mk5 coming to a standstill, and thus also your production line.

The delivery time for forks and other components is short. Because Qimarox machines are modularly designed, the elevator consists entirely of standard components that are largely available from stock.

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The Prorunner mk5 also uses less energy than other vertical transport systems. Because the ascending and descending forks keep each other in balance the elevator only needs to provide energy to lift the products. This means that a drive mechanism of 0.37 to 0.55 kilowatt is usually quite sufficient.

## **Flexible in use**

Finally, the Prorunner mk5 is very flexible in use. Due to its compact design – no other vertical transport system needs so little space – this machine can easily be used in other locations. The Prorunner mk5 doesn't need to be readjusted if your products change in size, shape or weight. Finally, it is easy to increase the capacity of the Prorunner mk5. All you need to do is add a few product carriers.

## **About Qimarox**

*Qimarox is a leading manufacturer of components for material handling systems that are characterised by robustness and reliability. Innovative concepts, patented technologies, and continuous development allow Qimarox (which emerged from Nedpack) to manufacture product elevators and palletisers that link flexibility and productivity to a low total cost of ownership. System integrators and original equipment manufacturers from across the globe use the machinery of Qimarox in end-of-line systems and storage and order picking systems in various industries. Please visit [www.qimarox.com](http://www.qimarox.com) for more information.*

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## **Note to editors (not for publication)**

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