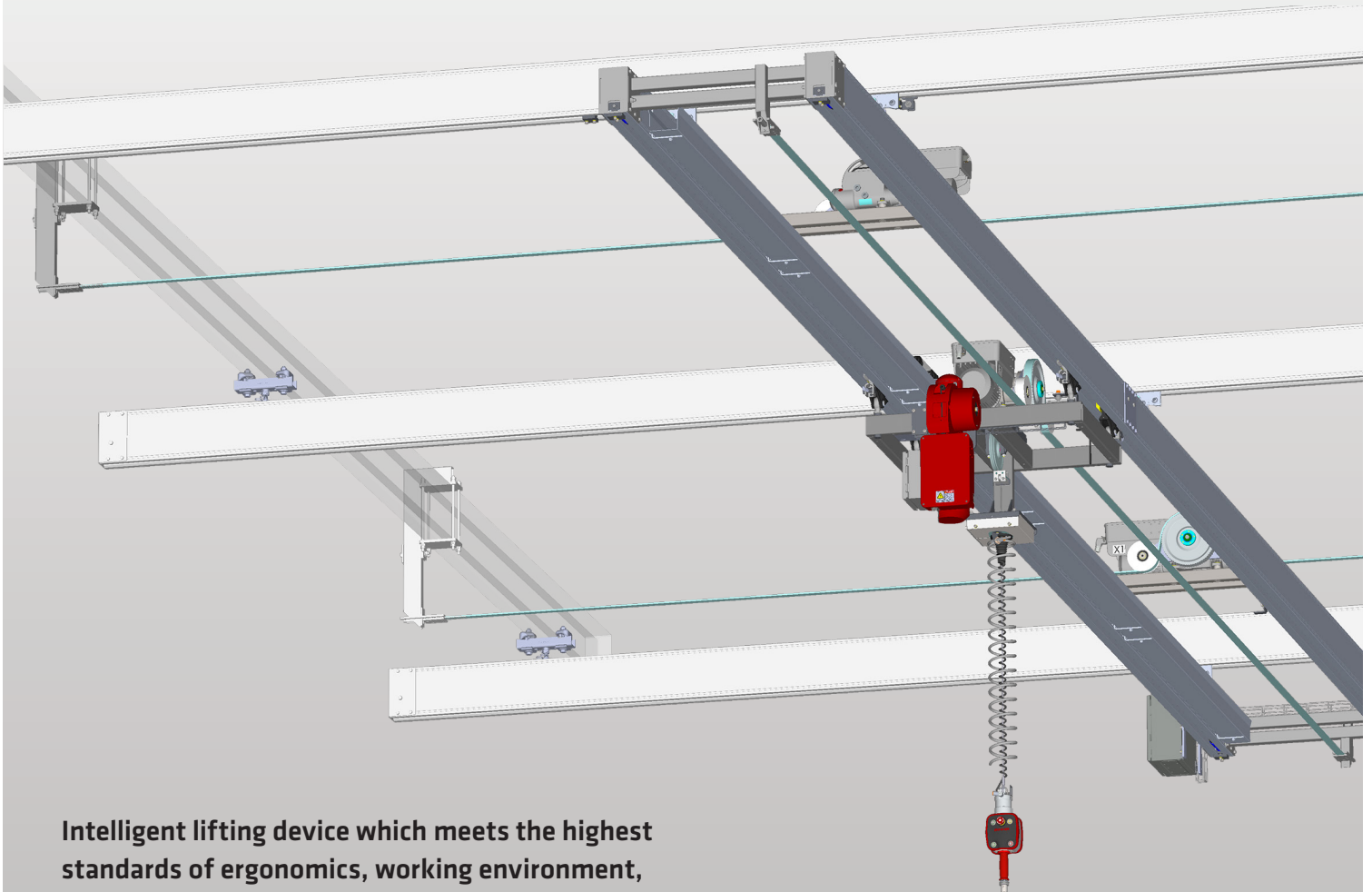


# Quick-Lift Driven

QLD 125i



**Intelligent lifting device which meets the highest standards of ergonomics, working environment, safety and efficiency.**

Easy to use, thanks to outstanding responsiveness, regardless of load weight.

Motorized horizontally and vertically driven system, where the operator gets a smoother handling while covering large working areas as for example production lines.

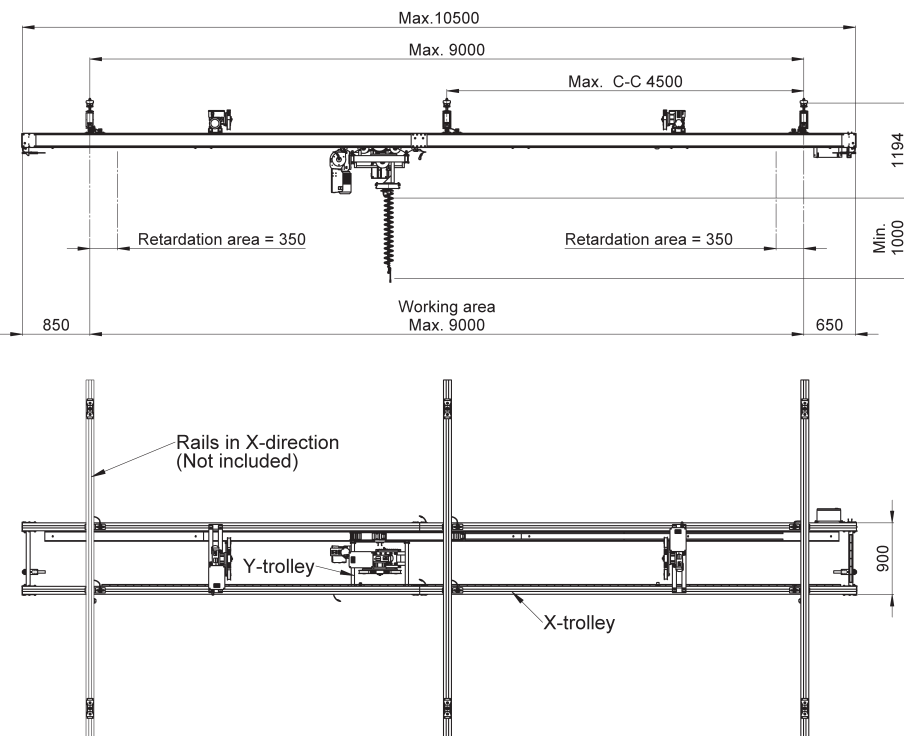
High cost efficiency through high reliability, increased productivity and long durability.

**BINAR**

*Improving your productivity*

# Quick-Lift Driven

# QLD 125i



The rail system, Quick-Lift Driven 125i (QLD 125i) is a unique, motorized lifting device that easily covers large areas horizontally, with a lifting load up to 125kg.

It is an excellent versatile system for production lines as well as for working at various stations simultaneously. With this equipment, you will improve ergonomics and increase productivity without impairing precision and safety.

It is delivered preassembled with one lifting motor and three motors for the movement in X and Y directions. The control handle can be attached to a standardized or customized end effector used to lift and handle a specific object determined by the customer.

Unique integrated mechanical, electrical, pneumatic swivel enables continuous rotation of the end effector.

## TECHNICAL DATA QLD 125i

<b>Lifting capacity</b>	Max 125 kg
<b>Working area</b>	Max width of work area 9,0m Total width of trolley=work area + 1,5m
<b>Stroke length</b>	2,7 meter
<b>Lift motor</b>	Stepless servo-controlled asynchronous motor
<b>Driven System</b>	Three asynchronous motors
<b>Drive</b>	Tooth belt
<b>Power supply</b>	400-480V, 50-60 Hz, 3P+N+E, 16A
<b>Material</b>	Rails made of anodized aluminum.
<b>Attachment</b>	Rails for X-movement can be mounted on floor pillar, wall brackets or ceiling brackets. Max c/c x rails 4,5 m Max c/c supports i x-direction 4,5 m
<b>Manoeuvring</b>	Set in motion by using Binar Handling's patented control handle and rope angle sensors. Both sense the operator's hand/arm movement and give a very exact and even speed control. The rope drifts from the vertical line when the load is guided horizontally. The motor starts and follows in the same direction as the rope. The maximum horizontal speed is 1m/sec.  Only a small force is needed to engage the up/down motion. When the operator let go of the handle, the up/down motion is immediately stopped.
<b>End effector</b>	End effectors are designed to fit customer's need. Intelligent I/O signals are available for optimum functionality.

Binar Handling AB disclaims responsibility for any errors or incomplete information in the published material and reserves the right to make changes

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