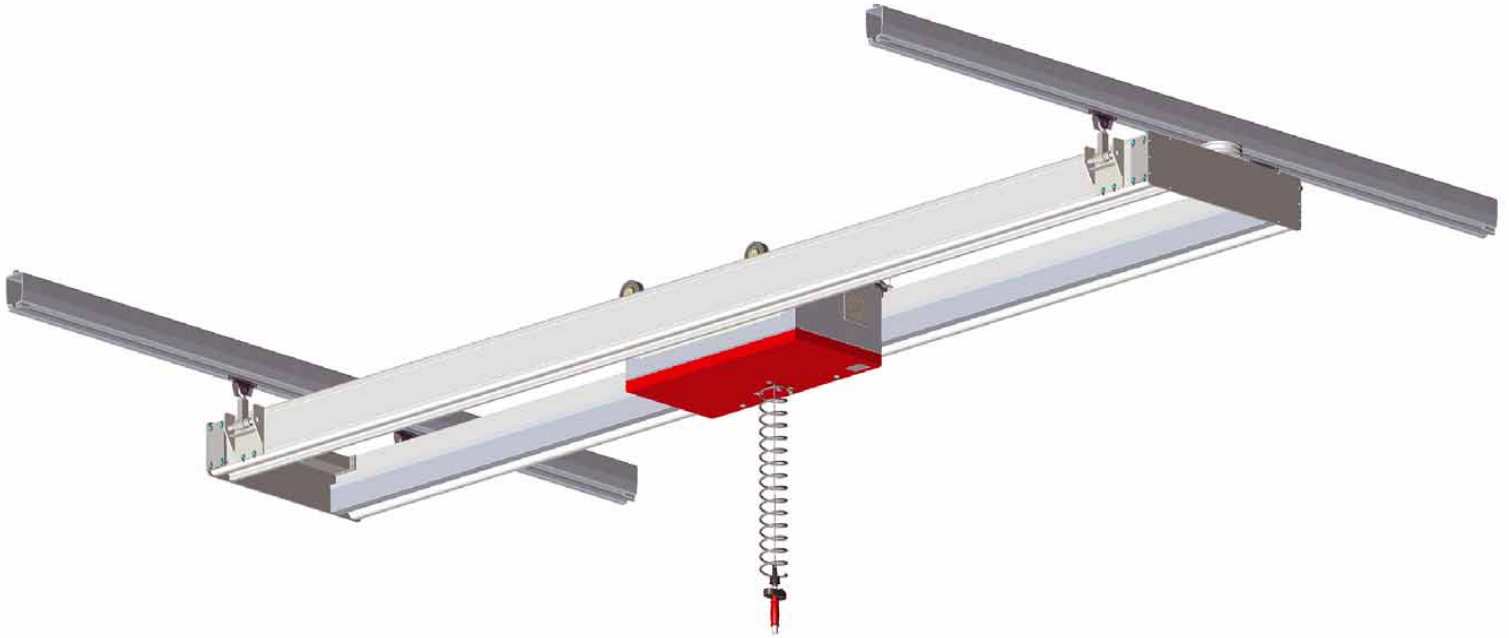


# ***Quick-Lift Line***

***QL 2000***



***Ergonomic lifting  
aid with unique  
manoeuvrability  
and flexible use***

***Lifts up to 300 kg***





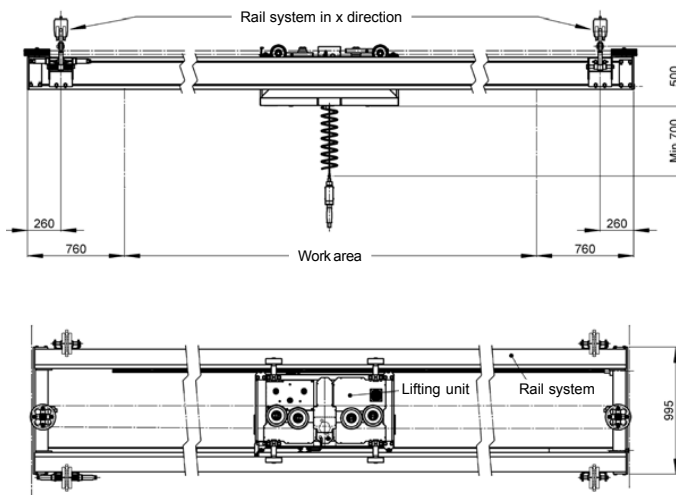
# QL 2000

QL 2000 is a new generation of Quick-Line. Comes pre-assembled and includes one lifting unit, two crane rails for Y movement and one ergonomic manoeuvre handle. Crane rails for X movement is optional.

The manoeuvre handle is attached to a tailor made gripping device that is made specifically for the object to be lifted and handled. QL 2000 is a unique crane system that is motorized for horizontal movement and can cover large areas.

With the QL 2000 you can ergonomically lift, move and handle loads up to 300 kg (including gripping device). The system runs smoothly and easily within the complete work area.

Due to the narrow design, the QL 2000 can easily be mounted in to all ready existing crane rails. This device is also equipped with Blue Tooth Technology, which provides the operator with a wireless connection between the service computer and the



QL 2000 motherboard, which in turn gives easy access for maintenance and service.

QL 2000 is a flexible system that is excellent to use in moving production lines and work in multiple stations. With the QL 2000 you can increase productivity without Compromising precision and safety.

Lifting capacity	Max 300 kg
Lift motor	Stepless controlled servomotor
Drive system	Two asynchronous motors
Manoeuvring	Manoeuvring is done with KAHLMAN's patented manoeuvring handle and wire angle sensor. Only a force equivalent to 20 gram is needed to engage the Up/down motion. When the operator let go of the handle, the up/down motion is immediately stopped.  QL 2000 also follows the operator's movement horizontally. Horizontal movements of the load make the lifting wire to deviate from its vertical line. The drives on the QL 2000 then starts and moves in the same direction as the wire have deviated from its vertical line. 1 m/s is the maximum speed horizontally. QL 2000 is equipped with electronic end of work area damper.

Power supply	400-480V, 50-60 Hz, 3-phase, 10A
Stroke length	2,5 meter
Work area	Standard unit suspended in two crane rails for x-movement, max c-c 4m, or with three crane rails for x-movement, max c-c 9,4 m.
Material	Crane rails for x-movement in painted steel. Crane rails in carrier in anodized aluminium and painted steel.
Suspension	Crane rails for x-movement mounted on floor pillar or brackets for wall or ceiling mount.
Gripping device	Grippers are designed to fit customer's need. Intelligent I/O signals are available for optimum functionality.



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