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

Unique integrated mechanical, electric, pneumatic swivel simplifies use and minimizes maintenance.

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

Exceptional safety achieved using our intelligent control systems.

The best auto balance available regardless of load weight.

High reliability and low power consumption results in superior cost efficiency.
TECHNICAL DATA QLA 100i

Lifting capacity: Max 100 kg

Working area:
- Max recommended working radius \( R_1 = L_1 - 300 \text{ mm} \)
- Min recommended working radius \( R_2 = \) See chart

Stroke length: 2.7 meter

Lift motor: Stepless servo-controlled asynchronous motor

Power supply: 230V, 50-60 Hz, 1-phase with ground protection, 10A

Hinged arm:
- Arm profiles in Ultra High Strength Steel (UHSS)
- Available in 3 standard lengths; 3, 4 and 5 m

Suspension:
- Floor pillar in painted steel with a standard height of 3 m. Optional pillar heights up to 5 m

Manoeuvring:
- Manoeuvring is done with Binar Quick-Lifts patented control handle. 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

End effector:
- End effectors are designed to fit customers need. Intelligent I/O signals are available for optimum functionality

Options:
- Middle link, 200 mm for triple hinged arm.
- Note: The maximum working radius does not increase.
- Pneumatic parking brake for arm. The brake function is activated via a manual push button on the control handle.
- Middle link and pneumatic parking brake can not be combined.

Binar Quick-Lift Systems AB disclaims responsibility for any errors or incomplete information in the published material and reserves the right to make changes.

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Pillar and control handle are ordered separately.