

**Binar Handling**

Part of the **SCHMALZ** Group



Binar Handling

# Product Overview

[WWW.BINARHANDLING.COM](http://WWW.BINARHANDLING.COM)

# Company Profile

# Binar Handling

Part of the  Group



Schmalz is a global leader in handling technology, offering a comprehensive range of automation solutions designed to streamline handling tasks.

Schmalz has acquired this Swedish Company **Binar Handling AB**, along with its four branches in Europe and Asia. This strengthens Schmalz's market position in ergonomic handling technology. With this acquisition, Schmalz now offers advanced solutions for sensitive balancing and ergonomic handling like Neo 30, Quick lift Arm and Quick Rail.

## Versatile Solutions for Every Industry

- Automotive
- Plastic
- Battery
- Wood
- Metal Sheet
- Food
- Electronic
- Packaging
- Composites
- Solar
- Glass

## Product overview-



**NEO 30**

The **NEO 30** can be installed effortlessly with a swivel attachment, requiring no extra space or costly media, and runs efficiently on a single battery.



**Quick Lift Arm**

**Quick Lift Arm** is a compact, ergonomic lifting tool that enhances efficiency, safety, and flexibility in material handling.



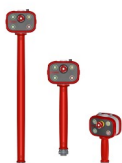
**Quick lift Rail**

**Quick Lift Rail** boosts efficiency with automated loading, reducing wait time and streamlining transport.



## iLab included

Quick-Lifts is powered by iLab software, allowing seamless customization and efficient troubleshooting with an event log. Its user-friendly interface provides guidance while ensuring controlled operations.



## Adjustable Handle

Quick-Lift's adjustable handle ensures ergonomic comfort while converting hand movements into electronic signals for precise control. Auto Balance (Float Mode) allows intuitive positioning and smooth landings up to 600 kg.

# NEO 30

- Fast and easy to install
- Battery-driven
- Mobile, easy to move around and can operate on different working stations
- A wide range of standard end effectors
- Lifts goods up to 30 kg with minimum effort
- Safe and precise, provides users with ergonomic lifting



Technical data	
Height	410 mm
Width	132 mm
Depth	121 mm
Weight	7.5 kg
Max lifting capacity	30 kg
Max stroke	1.4 m
Max speed	0.50-0.25 m/s, depending on load
Lifting strokes on one charge	500-200 depending on load and stroke

## Applications-



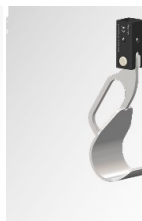
## End Effectors of Neo 30-



Scissor Clamping end effector



Productivity Hook end effector



Canister Hook end effector



Single Vacuum end effector



Dual Vacuum end effector

# Quick lift



## Quick Lift Arm

- Lifting capacity: Handles up to 300 kg efficiently
- Ergonomic control: Patented handle allows precise movement with minimal effort
- 360° swivel: Offers full rotational flexibility for handling workpieces
- UHSS construction: Ensures durability and lightweight handling

Technical data	QLA 50i	QLA 100i	QLA 200i	QLA 300i	QLA 50i OH	QLA 100i OH	QLA 200i OH
Lifting capacity	50 kg	100 kg	200 kg	300 kg	50 kg	100 kg	200 kg
Weight	77 kg	100 kg 147 kg 157 kg	148 kg 225 kg 240 kg	210kg 225 kg	79 kg	102 kg 150 kg 161 kg	153 kg
Arm length	3 and 4 m	3, 4 and 5 m	3, 4 and 5 m	3 and 4 m	3 m	3, 4 and 5 m	3 m
Stroke length	2.7 m						
Adjustable friction brakes	Standard						
Rotation reach	360°						
Adjustable rotation limits	Standard						
Power supply	230V +/-10%						



## Quick Lift Rail

- Rail-mounted lifting: Manual movement in X and Y axes, with precise vertical control.
- Ergonomic handling: Lifts up to 600 kg, with 1 mm precision.
- Integration & safety: Works with crane systems, featuring smart controls.
- Efficiency & customization: Low power use, reliable, with custom grippers & accessories.

Technical data	QLR 50i	QLR 125i	QLR 200i	QLR 300i	QLR 600i	QLRT
Lifting capacity	50 kg	125 kg	200 kg	300 kg	600 kg	350 Nm
Weight	25 kg	25 kg	41 kg	41 kg	65 kg	140 kg
Stroke length	2,7 m	2,7 m	2,7 m	2,7 m	1,4 m /2,4m	2,7 m
Overload protection	Standard (for all units)					
Auto balance	Standard				No	Standard
Stop and go - pneumatic brake	Optional (for all units)					
Power supply	230V +/-10%					

## End Effectors of QLR & QLA-



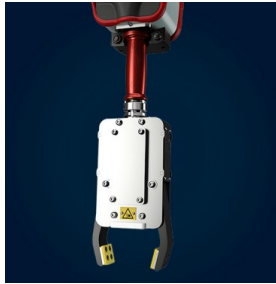
The Quick coupling



The Parallel Grip



The 2 Cup Vacuum



The Axel Grip

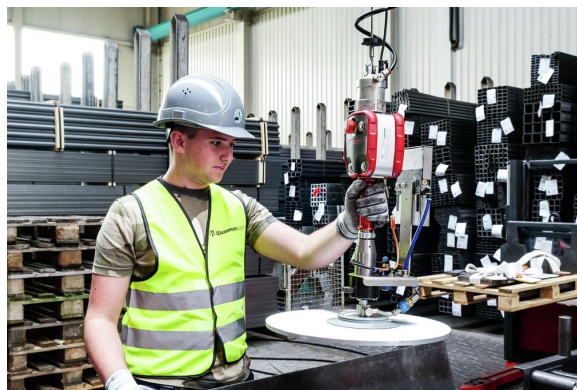


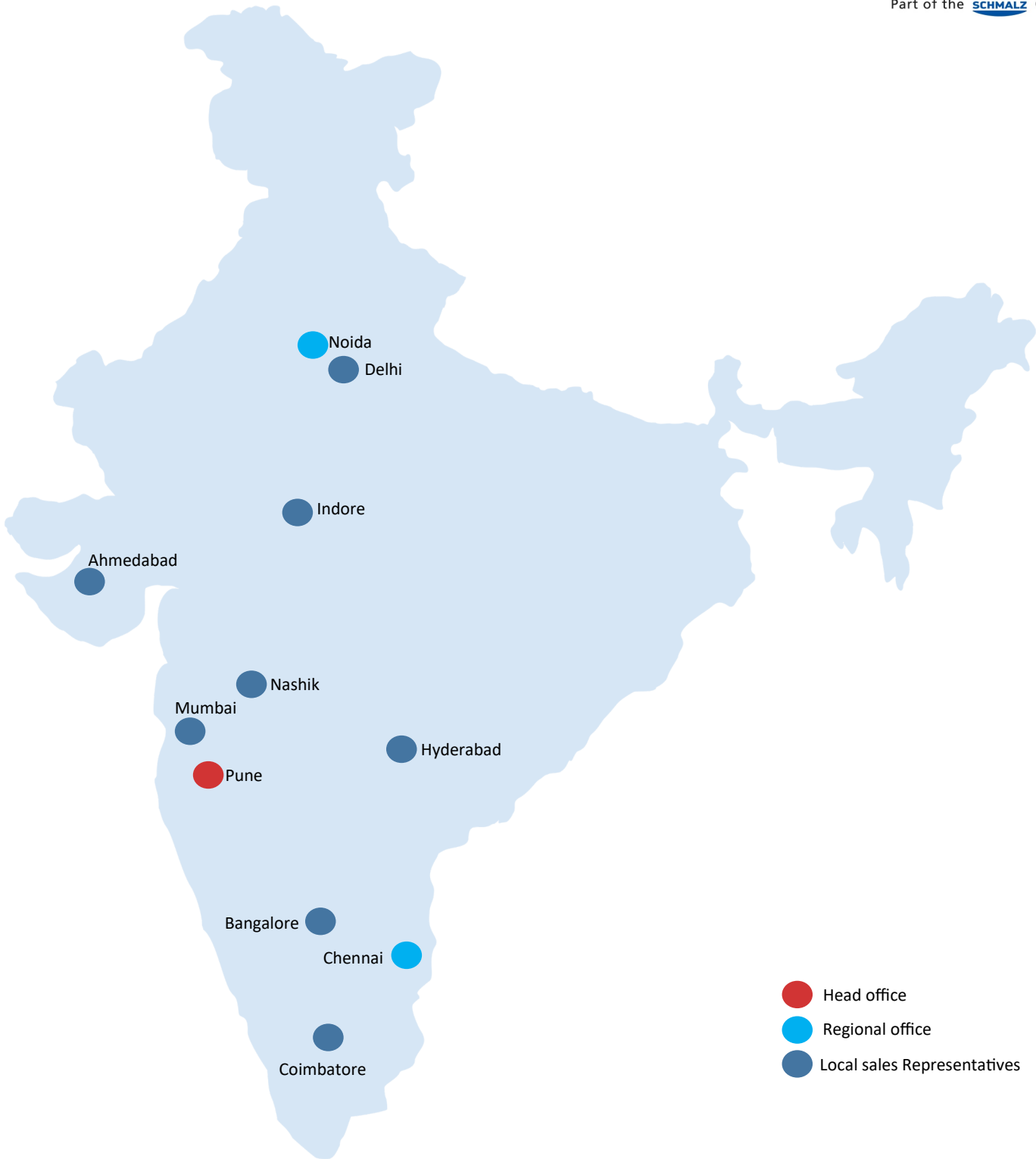
The Versatile End



The Adjustable Scissor Gripper

## Application-





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