



Lightweight aluminum lift up to 80 kg load, equipped with a crane arm with gliding rail and chain

Weighing only 42 kg, this battery-powered mini lift is your perfect partner for quick and efficient lifting tasks. The flexible crane arm with gliding rail (RCA) is ideal when the load needs to be positioned precisely without moving the lift.

The Rail Crane Arm Tool

The crane arm with gliding rail and chain (RCA) is designed to lift a load suspended in a chain connected to the trolley. The trolley can be moved along the rail to enable precise positioning of the load without having to move the lift itself. The connection to the load can be as simple as a hook or carabiner, but more advanced grippers can also be mounted if the load has no eye bolts or similar fittings.

Lift Construction

- Anodized aluminum
- Dust and water protection class IP31
- Electric lift
- Robust European-manufactured motor

Handling

- Electric lifting process controlled via push button on remote control with display
- Lifting speed adjustable via control knob; two speeds: normal (approx. 130 mm/sec) and reduced speed preset on remote (between 10-50% of maximum speed)
- Emergency stop located on remote for increased safety
- Low weight and compact dimensions suitable for use in limited workspace
- Rugged remote control in anodized aluminum and high-quality PU spiral cable for easy one-handed operation
- Ergonomic handle allowing various gripping positions

Safety

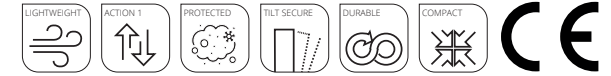
- Self-locking gear system (worm gear): in case of an electrical fault, the mechanical system automatically stops the lift
- Safety slip clutch (single direction clutch): prevents the lift from raising itself and tipping backward during downward movement

Power Supply

- Battery-powered
- Can be connected permanently to mains power (Power supply: 110-230 V AC)
- Intelligent external battery charger – 24V 3.5A, ensures long battery life through on-demand charging. Built-in LED display shows battery charge level

Maintenance

- Low-maintenance AT-10 timing belt
- Very durable Solid-State DC control
- Wear-resistant parts (wheels and maintenance-free standard batteries without memory effect)



Specifications Article ID 1029577

| Lift | Medium B-line 80 kg |
|-------------------------------|-----------------------------|
| Total height mm | 1.973 |
| Stroke length mm | 1.483 |
| Weight | 42 kg |
| Max load without lifting tool | 80 kg |
| IP Protection | 31 |
| Min. - Max. lifting height | 328 - 1808 mm |
| Surface | Anodized aluminum |
| Lifting Speed | 130 mm/s |
| Control unit | Solid State DC control |
| User control system | Remote control |
| Overload protection | Stops on overload |
| Battery charger | External – 24 V 3.5 A |
| Battery capacity | 24 V, 9 Ah |
| Power supply | 230 V, 110 V |
| Charging time | Max. 6 hours |
| Number of lifts 80 kg | 80 per full charge |
| Base size | 1022 x 591 mm |
| Rear wheels | Swivel ø125 mm – with brake |
| Front wheels | Swivel ø50 mm |
| Leg length | 650 mm |
| Leg height | 90 mm |
| Leg width (outer side) | 545 mm |
| Leg width (inner side) | 393 mm |

| Tool | Rail Crane Arm (RCA) |
|-----------------------|----------------------------------|
| Handling needs | Handling of variable items/loads |
| Drive | Manual |
| RTC adapter | Possible |
| Material | Galvanized steel |
| IP Protection | 31 |
| Weight (kg) | 12 |
| Max Lifting capacity | 138 kg |
| Crane Arm length | 700 mm |
| Crane Arm height | 580 mm |
| Trolley stroke length | 479 mm |
| Dimensions | L 700 mm / B 122 mm / H 580 mm |

