

Automatic ratchet lock



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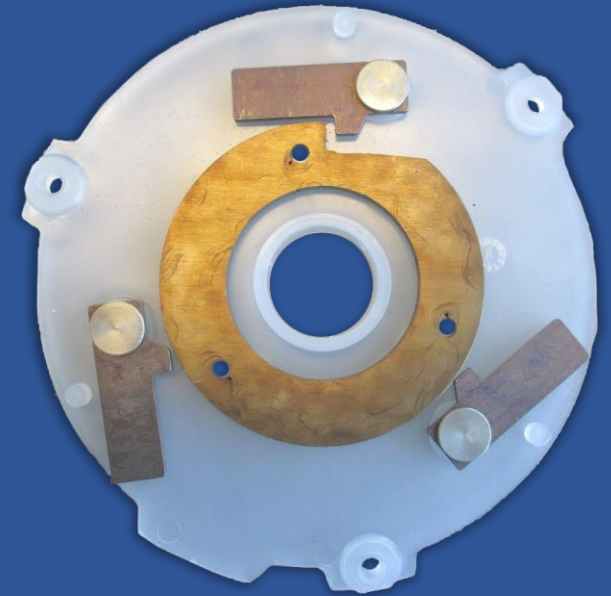
1. Brief description

The automatic ratchet lock system

The ratchet lock is an automatic arresting mechanism that locks the retracting cable in defined positions. It is automatically activated if the working load is moved back slowly. If pushed back fast, the mechanism remains inactive.

This represents a significant ergonomic improvement for some specific applications, for example if it is impractical to return the suspended tool fully to its initial position between jobs or working steps.

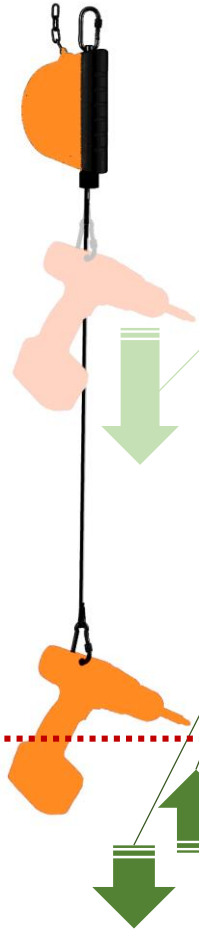
The ratchet lock feature is available for Kromer Type 7212, 7222, 7231 and 7236.



Automatic ratchet lock system
by Kromer

2. How to lock the system

Manual:



Step1

Pull down the tool.

Step2

Now slowly move the tool back a little to lock system. The tool will now remain at a pre-defined position.

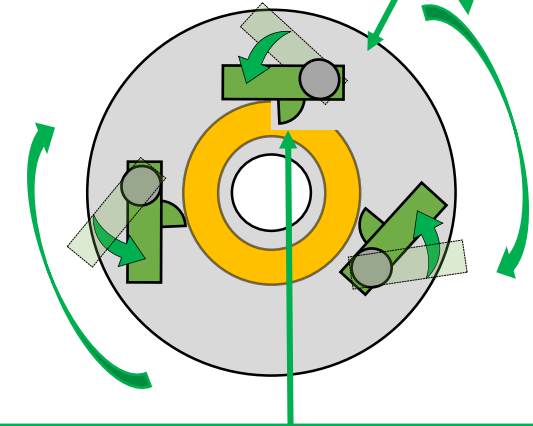
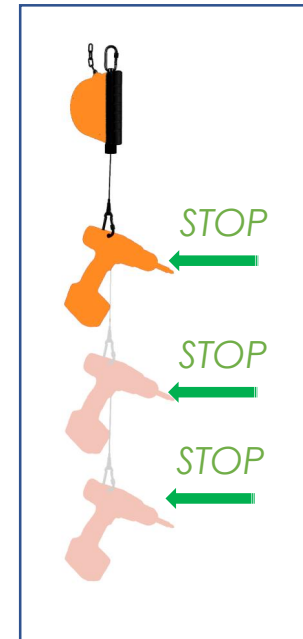
Stop

Remeber:

Lock the system with slow speed

Explained:

By pulling on the tool / cable slowly, the cable drum and the pins turns accordingly slow.



Due to the slow acceleration and the associated low centrifugal force, the pins fall inwards and thus automatically lock the system.

3. How to **unlock** the system

Manual:



Step 1

Pull the tool down a bit.

Step 2

Without stopping (one movement), pull the tool straight upwards again – this time with fast speed.

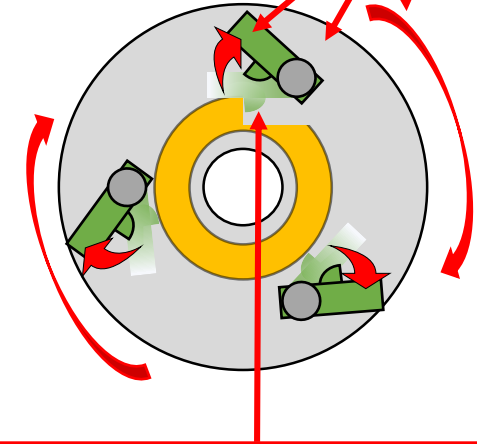
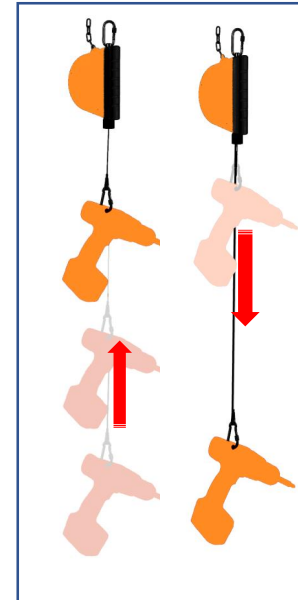
Step 2

Remeber:

Unlock the system with fast speed

Explained:

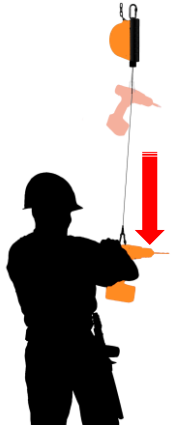
By pulling on the tool / cable **fastly**, the cable drum and the pins turns accordingly **fast**.



Due to the acceleration and the associated higher centrifugal force, the pins are pushed outwards and the ratchet lock is automatically released (unlocked).

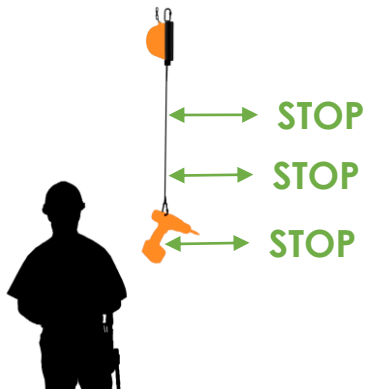
4. Working with / without the system

Working **with** the system



1. Pull down the tool and start working.

Workplace



2. Tool stays automatically at a pre-defined position. This ensures a tool readiness for repeating assembly steps.

Increases ergonomics at the workplace

Working **without** the system



1. Pull down the tool and start working.

Workplace



2. After work, the tool is automatically retracted to its initial position.

Workplace remains clean and safe

5. Availability of the system

Simply effective: The automatic ratchet lock system by Kromer

Availability for:

Retractor
Type 7212

Load range:
0.5 – 5.5 kg
Cable travel:
2.5 m



Further information



Retractor
Type 7222

Load range:
2.0 – 14.0 kg
Cable travel:
3.0 m



Further information



Balancer
Type 7231

Load range:
3.0 – 21.0 kg
Cable travel:
2.0 m



Further information



Balancer
Type 7236

Load range:
15.0 – 55.0 kg
Cable travel:
2.0 m



Further information



This might be also interesting for you:

- **Kromer download area:** User manuals, catalogs, technical drawings and more: [click here](#).
- **Kromer service videos:** Cable replacement, Adjustment of suspension and more: [click here](#).

Further questions?

Contact us, we are happy to help:



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E-support



Contact us for a live-video conference.
We look forward to e-meeting you.