



SPRING BALANCERS AND ZERO GRAVITY BALANCERS

Manufactured to the highest quality standards

Carl Stahl Kromer spring balancers and zero gravity balancers are characterized by their durability and exceptional precision. They are manufactured to the highest quality standards, are long-term tested and a prime example of the quality term "Made in Germany". In many industries, they are already used to improve working conditions and support smooth processes.

In the meat processing industry, our original rust-free spring balancers and zero gravity balancers are often used in the meat processing environment, especially in butcher shops and slaughterhouses. They do not only ensure compliance with hygienic and environmental requirements in this area, but also high work performance.

With our products the load remains stable in the desired position and the balancers carry the heavy load, so the worker does not need to apply much force. The suspended tool feels nearly weightless. In slaughterhouses, for instance, saws weighing up to 95 kg thus can be used effortlessly thanks to Carl Stahl Kromer.

Your most important advantages at a glance:





Power

Reliability and longevity of the products guarantee a steady and high performance.



Safety

More security through constant inspection checks. Safe handling of the products.



Precision

Specially designed for very sensitive work. Ensures high precision in daily work.



Rust-free materials

Our special products for the meat industry consist exclusively of rust-free materials.



Quality

Manufactured to the highest quality standards.
A true worldwide quality leader.



Made in Germany

Exemplary example of the value concept "Made in Germany". Quality thinking is always in the focus.



Food grade grease

We use NSF compliant grease to meet the requirements of the meat industry.



Service

Highest service level before and after purchase. Fast spare parts delivery and maintenance of the products.

Designed according to the highest safety standards

Safety

expansion chain

NSF conform

food grade grease

Adjustable cable stop buffer

Highstrength safety hook

Reliable

spring fracture safeguard

Premium quality

load spring

Stainless steel cable

Screw type snap hook





PRODUCT FUNCTIONS

Exact, powerful and reliable – just the ideal production assistants

All Carl Stahl Kromer products focus on practical usage and always aim to the highest level of user satisfaction. We continuously optimize and expand the functions and range of our products – investing creativity, passion and innovation to lead the latest trends. Discover now the most important features and differences of our original rust-free spring balancers and zero gravity balancers for the meat processing industry.

Spring balancers



Carl Stahl Kromer spring balancers keep loads weighing up to 14 kg within easy reach to the user, contributing to an orderly work station.

- Cylindrical shape
- Increasing retraction force
- Retracts the attached load to its initial position

Product range

Type 7200 (0.0-2.5 kg)

Type 7211/7212 (0.5-5.5 kg)

Type 7221/7222 (2.0-14.0 kg)

Zero gravity balancers



Carl Stahl Kromer zero gravity balancers keep loads suspended reliably and safely at any height.

- Conical shape
- Constant retraction force
- Holds the attached load in the chosen position

Product range

Type 7230/7231 (3.0-21.0 kg)

Type 7235/7236 (15.0-55.0 kg)

Type 7241 (12.0-100.0 kg)

Type 7251 (15.0-200.0 kg)

Spring balancers

TYPE 7200

For light weights



| Item No. | Cable travel | Working load (kg) | | | | |
|------------|--------------|-------------------|--|--|--|--|
| 7200080130 | 1600 mm | 0.0 - 0.5 | | | | |
| 7200080131 | 1600 mm | 0.5 - 1.5 | | | | |
| 7200080132 | 1600 mm | 1.2 - 2.5 | | | | |



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YPE 7211/7212

The workhorse



| Item No. | Cable travel | Working load (kg) |
|------------|--------------|-------------------|
| 7211080131 | 2500 mm | 0.5 - 2.0 |
| 7211080132 | 2500 mm | 1.5 - 3.0 |
| 7211080135 | 1400 mm | 3.0 - 5.5 |
| 7212080131 | 2500 mm | 0.5 - 2.0 |
| 7212080132 | 2500 mm | 1.5 - 3.0 |
| 7212080135 | 1400 mm | 3.0 - 5.5 |



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TYPE 7221/7222

Our biggest



| Item No. | Cable travel | Working load (kg) | | | |
|------------|--------------|-------------------|--|--|--|
| 7221080131 | 3000 mm | 2.0 - 5.0 | | | |
| 7221080132 | 3000 mm | 4.0 - 8.0 | | | |
| 7221080133 | 3000 mm | 7.0 - 10.0 | | | |
| 7221080134 | 3000 mm | 10.0 - 14.0 | | | |
| 7222080131 | 3000 mm | 2.0 - 5.0 | | | |
| 7222080132 | 3000 mm | 4.0 - 8.0 | | | |
| 7222080133 | 3000 mm | 7.0 - 10.0 | | | |
| 7222080134 | 3000 mm | 10.0 - 14.0 | | | |



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Technical features

| | | 7200 | 7211 | 7212 | 7221 | 7222 |
|----------------|---|------|------|------|------|------|
| Top suspension | Stainless steel screw type trigger snap hook | • | • | • | • | • |
| | Freely rotating and swiveling | • | • | • | • | • |
| Safety chain | High strength stainless steel | • | • | • | • | • |
| Housing | High impact-resistant plastic | • | • | • | • | • |
| | Abrasion-resistant plastic | • | • | • | • | • |
| Cable drum | Abrasion-resistant plastic | • | • | • | • | • |
| Drum lock | Manuell | | | | • | • |
| | Automatic ratchet | | | • | | • |
| Load spring | Long life special steel | • | • | • | • | • |
| | Savety riveted spring | • | • | • | | |
| | Savety belted spring | | | | • | • |
| | Spring fracture safeguard above 3 kg capacity | | • | • | • | • |
| Load setting | Direct shaft adjustment | • | • | • | | |
| | Worm gear adjustment | | | | • | • |
| Cable | Flexible stainless steel | • | • | • | • | • |
| | Light-duty spring hook | • | | | | |
| | Stainless steel screw type trigger snap hook | | • | • | • | • |
| | Adjustable cable stop buffer | • | • | • | • | • |
| | Quick cable change | | | | • | • |
| Lubrication | Food graded grease (NSF conform) | • | • | • | • | • |

Zero gravity balancers

TYPE 7230/7231

The problem-solver for medium loads



| Item No. | Cable travel | Working load (kg) |
|------------|--------------|-------------------|
| 7230000131 | 2000 mm | 3.0 - 5.0 |
| 7230000132 | 2000 mm | 4.5 - 7.0 |
| 7230000133 | 2000 mm | 6.0 - 10.0 |
| 7230000134 | 2000 mm | 9.0 - 14.0 |
| 7230000135 | 2000 mm | 13.0 - 17.0 |
| 7230000136 | 2000 mm | 16.0 - 21.0 |
| 7231000131 | 2000 mm | 3.0 - 5.0 |
| 7231000132 | 2000 mm | 4.5 - 7.0 |
| 7231000133 | 2000 mm | 6.0 - 10.0 |
| 7231000134 | 2000 mm | 9.0 - 14.0 |
| 7231000135 | 2000 mm | 13.0 - 17.0 |
| 7231000136 | 2000 mm | 16.0 - 21.0 |



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TYPE 7235/7236

Systematically optimized device



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| Item No. | Cable travel | Working load (kg) |
|------------|--------------|-------------------|
| 7235000131 | 2000 mm | 15.0 - 25.0 |
| 7235000132 | 2000 mm | 25.0 - 35.0 |
| 7235000133 | 2000 mm | 35.0 - 45.0 |
| 7235000134 | 2000 mm | 45.0 - 55.0 |
| 7236000131 | 2000 mm | 15.0 - 25.0 |
| 7236000132 | 2000 mm | 25.0 - 35.0 |
| 7236000133 | 2000 mm | 35.0 - 45.0 |
| 7236000134 | 2000 mm | 45.0 - 55.0 |

TYPE 7241

The global market benchmark



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| Item No. | Cable travel | Working load (kg) |
|------------|--------------|-------------------|
| 7241080131 | 2000 mm | 12.0 - 20.0 |
| 7241080132 | 2000 mm | 20.0 - 30.0 |
| 7241080133 | 2000 mm | 30.0 - 45.0 |
| 7241080134 | 2000 mm | 45.0 - 60.0 |
| 7241080135 | 2000 mm | 60.0 - 75.0 |
| 7241080136 | 2000 mm | 75.0 - 90.0 |
| 7241080137 | 2000 mm | 90.0 - 100.0 |

TYPE 7251

Heavy loads made light



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| Cable travel | Working load (kg) |
|-----------------------------|---|
| 3000 mm | 15.0 - 25.0 |
| m 25 kg to 50 kg. Item nun | nber available upon request. |
| 3000 mm | 50.0 - 65.0 |
| 3000 mm | 65.0 - 80.0 |
| 3000 mm | 80.0 - 90.0 |
| 3000 mm | 90.0 - 100.0 |
| 3000 mm | 100.0 - 115.0 |
| n 115 kg to 190 kg. Item nu | ımber available upon request. |
| 3000 mm | 190.0 - 200.0 |
| | 3000 mm om 25 kg to 50 kg. Item nur 3000 mm 3000 mm 3000 mm 3000 mm 3000 mm 115 kg to 190 kg. Item nu |

Technical features

| | | 7230 | 7231 | 7235 | 7236 | 7241 | 7251 |
|----------------|--|------|------|------|------|------|------|
| Top suspension | Stainless steel screw type trigger snap hook | • | • | • | • | | |
| | Stainless steel safety hook | | | | | • | • |
| | Ball bearing embedded | | | | | • | • |
| | Freely rotating and swiveling | • | • | • | • | • | • |
| | Adjustable gravity alignement | | | | | • | • |
| Safety chain | High strength stainless steel | • | • | • | • | • | • |
| Housing | High impact-resistant plastic | • | • | | | | |
| | Abrasion-resistant plastic | • | • | | | | |
| | Uncoated high strength aluminum | | | • | • | • | • |
| Cable drum | Abrasion-resistant plastic | • | • | | | | |
| | Uncoated high strength aluminum | | | • | • | • | • |
| | Closed ball bearing embedded | | | • | • | • | • |
| Drum lock | Manuell | • | • | • | • | • | • |
| | Automatic ratchet | | • | | • | | |
| Load spring | Long life special steel | • | • | • | • | • | • |
| | Savety riveted spring | • | • | • | • | | |
| | Savety containerized spring | | | | | • | • |
| | Spring fracture safeguard | • | • | • | • | • | • |
| Load setting | Worm gear adjustment | • | • | • | • | • | • |
| | Patented freewheel protected | | | | | • | • |
| Cable | Flexible stainless steel | • | • | • | • | • | • |
| | Stainless steel screw type trigger snap hook | • | • | • | • | • | • |
| | Adjustable cable stop buffer | • | • | • | • | • | • |
| | Quick cable change | • | • | • | • | • | • |
| Lubrication | Food graded grease (NSF conform) | • | • | • | • | • | • |

CARL STAHL KROMER GMBH

Know-how over 100 years

Carl Stahl Kromer is located in Gottenheim, near Freiburg im Breisgau, Germany. We are the internationally leading manufacturer in the area of spring balancers and zero-gravity balancers for many years.

In 2000, we became part of the global acting and family owned Carl Stahl Group. The history of Kromer reaches back to the 19th century – in the long process of establishing ourselves, we gained great knowledge and experience.

Today, our great expertise is reflected in the outstanding quality of our premium products "Made in Germany". Furthermore, the most important goal of our company is achieving the greatest level of customer satisfaction.







Top quality and cutting-edge technology

All Carl Stahl Kromer products are manufactured at our location in southwest Germany, where they are subjected to daily analysis and optimization. Quick, smooth manufacturing processes, cutting-edge machines, and constant, careful quality checks by our motivated staff ensure that each final product is of outstanding quality. Thus Carl Stahl Kromer is of course certified according to the international standard of quality management ISO 9001:2015.

Modern work environment and sustainability

An optimized and modern work environment at Carl Stahl Kromer ensures constant high quality products. This is why we try to keep our operations at state-of-the-art condition in every respect including a good production plant, modern office equipment and of course the well-being of our employees. Environmental protection and sustainability are also values that we care about. Carl Stahl Kromer is environmentally certified according to ISO 14001:2015.







Comprehensive services

The most important goal of our company is achieving the greatest level of customer satisfaction. That is why we offer services that go beyond our product range. Competent, personal consulting and comprehensive answers to all questions are provided as a matter of course. We are also happy to work closely with our customers to develop precisely tailored solutions. Unique training services are provided in our Carl Stahl Academy in Suessen, Germany. Also in-house courses on site are available upon request.



Spare parts

Original Carl Stahl Kromer parts ensure a long lifetime of the products and smooth work flow in the production.



Repair

If needed, our specialists are pleased to take care of the maintenance and repair. Convenient, fast and reliable.



Qualification

Get your certification as qualified technician with our special trainings. Prevent costs and down time in your production.

Carl Stahl KROMER

Your benefits

- Rust-free materials
 - Stainless steel
 - Aluminum
 - Synthetic
- Food grade grease (NSF conform)
- Long-life cycle
- Extreme high degree of accuracy
- Highest safety standards
- Failure-free process flow
- Easy and fast maintenance and repair

Follow us:









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