

# Carl Stahl

KROMER



**CARL STAHL KROMER GMBH**

Spring balancers and  
zero gravity balancers for  
the meat processing industry



**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:

PREMIUM QUALITY  
MADE IN GERMANY



**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.

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ABOUT QUALITY AND SAFETY

Designed according to the highest safety standards

**Safety**

expansion chain

**NSF conform**

food grade grease

**Adjustable**

cable stop buffer



**High-strength**

safety hook

**Reliable**

spring fracture safeguard

**Premium quality**

load spring

**Stainless**

steel cable

**Screw type**

snap hook

PREMIUM QUALITY

MADE IN GERMANY

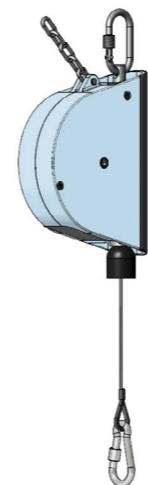


PRODUCT FUNCTIONS

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

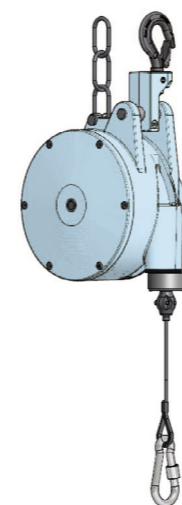
**Product range**

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

# Zero gravity balancers

## TYPE 7230/7231

The problem-solver for medium loads



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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

## 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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Item No.	Cable travel	Working load (kg)
7251080101	3000 mm	15.0 - 25.0
Load capacity from 25 kg to 50 kg. Item number available upon request.		
7251080104	3000 mm	50.0 - 65.0
7251080105	3000 mm	65.0 - 80.0
7251080106	3000 mm	80.0 - 90.0
7251080107	3000 mm	90.0 - 100.0
7251080108	3000 mm	100.0 - 115.0
Load capacity from 115 kg to 190 kg. Item number available upon request.		
7251080115	3000 mm	190.0 - 200.0

# Technical features

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

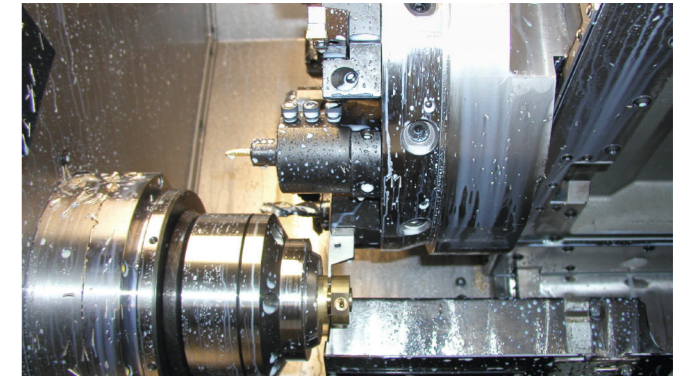
## CARL STAHL KROMER GMBH

# 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.

## 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



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