

**Carl Stahl**  
KROMER



**GENERAL CATALOG**

# KROMER® Spring Balancers

Ergonomic support for industrial environments

PREMIUM QUALITY  
MADE IN GERMANY



**DIN**  
15112







# Contents

Product functions .....	3
International comparison .....	4
Safety and technical features .....	6
Product choice and installation .....	7
Retractors .....	8
Balancers .....	10
Air hose edition .....	14
Positioners .....	16
Accessories .....	17
About us .....	18
About services .....	19
Application list .....	20

## PRODUCT FUNCTIONS

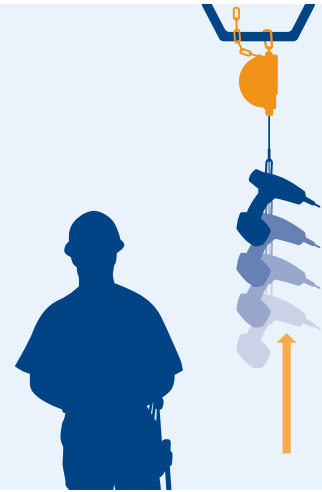
# Our different ergonomic concepts

## Retractors

The retractor holds tools within easy reach for the user, contributing to an orderly work station.

### Facts:

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

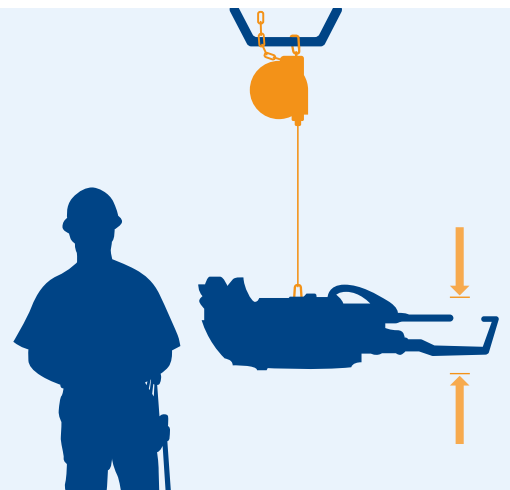


## Balancers

The balancer holds tools and keeps them suspended reliably and safely in the desired position.

### Facts:

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

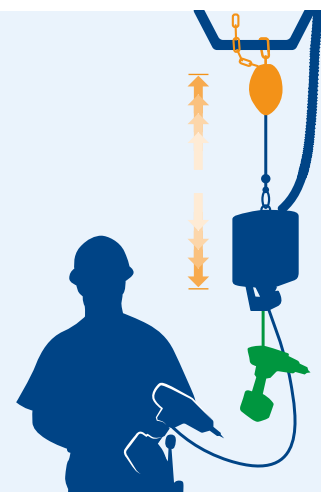


## Positioners

The positioner holds tools reliable at any height, even when adding an extra tool.

### Facts:

- Compact design
- Constant brake force
- Electrically insulated





## INTERNATIONAL COMPARISON

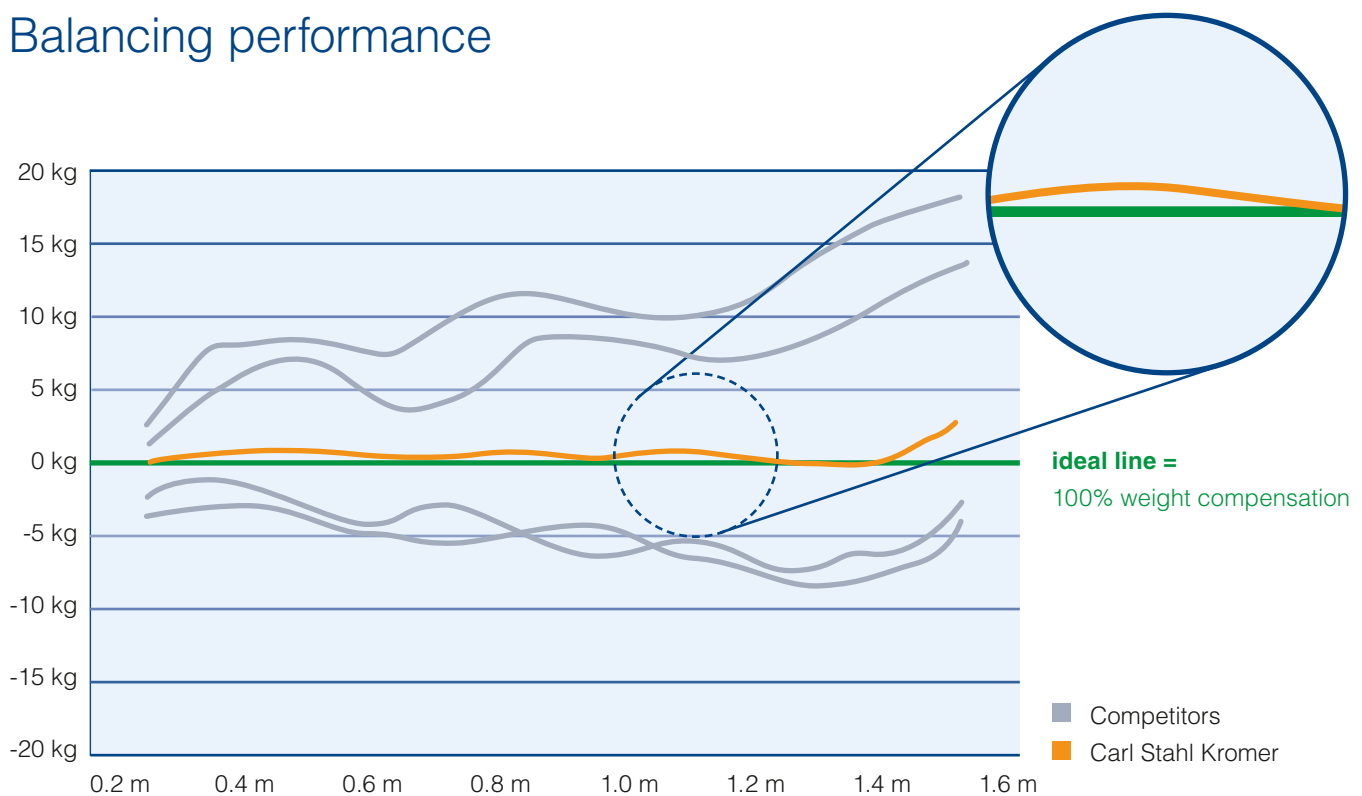
# No rivals for Carl Stahl Kromer balancers worldwide

As indisputably proven by a comparison test conducted by the Esslingen University of Applied Sciences in Germany, Carl Stahl Kromer balancers are global quality leaders. This long-term study was designed to compare the best-known products from all over the world across representative weight classes.

Altogether, 15 parameters were part of the study, including extension force diagram, useful life, spare part availability and delivery time. The result: Our products were second to none. No other manufacturer could rival Carl Stahl Kromer.

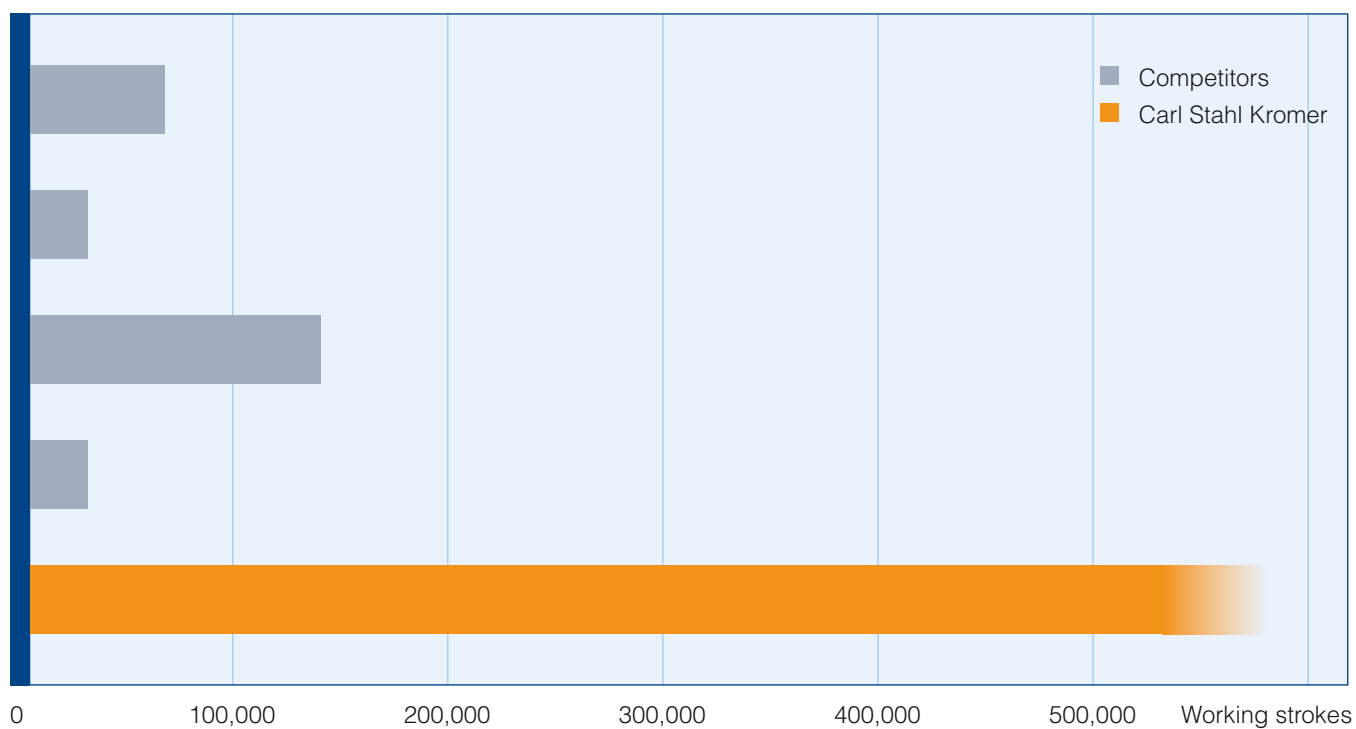
The most convincing result was rendered by the endurance test: Whereas 60 percent of all tested products were not even able to provide zero-failure performance for 100,000 working strokes at a cable travel of 1.5 m, the respective Carl Stahl Kromer balancer achieved no less than 540,000 working strokes without any losses in precision or basic functionality. The best competition product only managed 120,000 working strokes in this fatigue test, thus finishing far behind Carl Stahl Kromer.

## Balancing performance



Force diagram: measurements across a cable extension range of 1.5 m  
Load setting: 85 kg

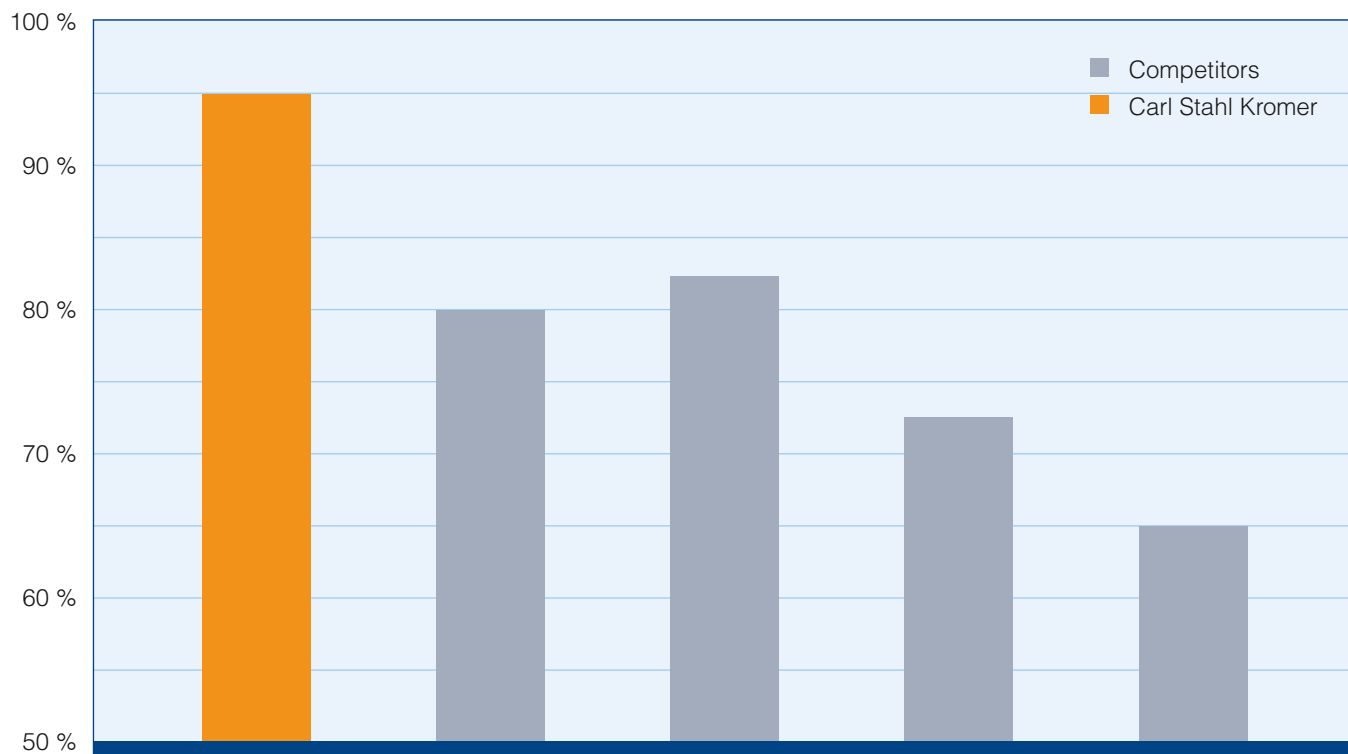
## Durability



Test parameters: cable travel: 1.5 m; load setting: 85 kg

## Conclusion

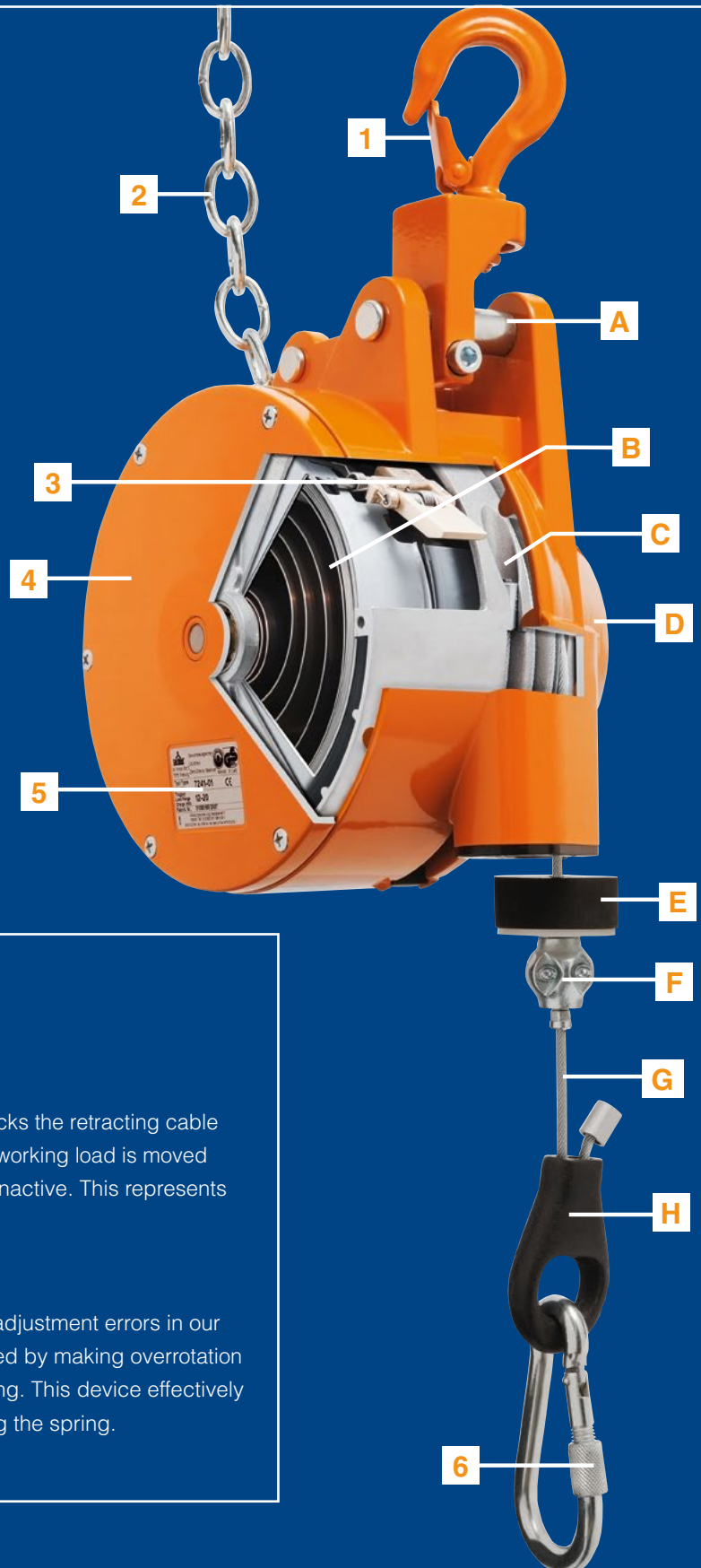
Assessment of the degree of fulfillment to all 15 parameters (page 4).



# Manufactured according to the highest safety standards

## Safety features

- 1 High strength safety hook**  
Above 5-times safety
- 2 Safety chain**  
Fall prevention feature
- 3 Spring fracture safeguard**  
Starting at 3 kg
- 4 Shock proof design**  
Extra impact resistant housing
- 5 Conformity and safety**  
CE, GS-certified (tested for safety)
- 6 Screw type snap hook**  
Safe load attachment



## Further features

### Ratchet lock (optional)

The ratchet lock is an automatic arresting mechanism that locks the retracting cable in predetermined positions. It is automatically activated if the working load is moved back slowly. If pushed back quickly, the mechanism remains inactive. This represents a significant ergonomic improvement for some applications.

### Patented freewheel device

Our patented freewheel feature provides protection against adjustment errors in our balancer models 7241, 7248, 7251 and 7261. This is achieved by making overrotation in the "minus" direction ineffective, with no impact on the spring. This device effectively prevents spring fracture caused inadvertently when releasing the spring.

## Technical features

- A Adjustable alignment**  
Extended life-time
- B Premium spring technology**  
Exclusive long-life steel
- C Easy cable replacement**  
No disassembling required
- D Patented freewheel device**  
Protection against adjustment errors
- E Elastic cable stop buffer**  
Shock absorbing protector
- F Cable clamp**  
Adjustable stroke limiter
- G Special cable design**  
High-strength anti-rotation steel cable
- H Cable wedge**  
Adjustable cable extension

## PRODUCT CHOICE AND INSTALLATION

### How to choose the right product

- Choose the right product function for your application (see page 3).
- Make sure that the weight of your individual application is always within the load range of the respective product.
- Make sure that the working area is covered by the cable travel of the selected product.

### Notes for installation

For safety reasons, read the respective user manual before installation. You can also find the manuals in the download area on our website.

- Check the stability of the hanging point for the spring balancer.
- Check the stability of the hanging point for the fall protection chain.
- Ensure the device is hanging freely and movably.
- Attach the fall protection chain in independent position.

### Video tutorials

- Load adjustment
- Adjustment of suspension
- Cable replacement
- Spring replacement
- Info videos and more



PREMIUM QUALITY



MADE IN GERMANY



# Retractors

TYPE 5200



ID no.	Load range (kg)	Cable travel (m)
5200 0000 01	0.5 - 1.2	2.0
5200 0000 02	1.0 - 2.0	2.0



TYPE 7200\*



ID no.	Load range (kg)	Cable travel (m)
7200 0800 00	0.0 - 0.5	1.6
7200 0800 01	0.3 - 1.5	1.6
7200 0800 02	1.2 - 2.5	1.6



TYPE 7211/7212\*



ID no.	Load range (kg)	Cable travel (m)
7211 0800 01	0.5 - 2.0	2.5
7211 0800 02	1.5 - 3.0	2.5
7211 0800 05	3.0 - 5.5	1.4
7212 0800 01	0.5 - 2.0	2.5
7212 0800 02	1.5 - 3.0	2.5
7212 0800 05	3.0 - 5.5	1.4

■ with ratchet lock



TYPE 7221/7222\*



ID no.	Load range (kg)	Cable travel (m)
7221 0800 01	2.0 - 5.0	3.0
7221 0800 02	4.0 - 8.0	3.0
7221 0800 03	7.0 - 10.0	3.0
7221 0800 04	10.0 - 14.0	3.0
7222 0800 01	2.0 - 5.0	3.0
7222 0800 02	4.0 - 8.0	3.0
7222 0800 03	7.0 - 10.0	3.0
7222 0800 04	10.0 - 14.0	3.0

■ with ratchet lock





# Technical features

Features		Types	5200	7200	7211	7212	7221	7222
General information	Load range (kg)		0.5 - 2.0	0.0 - 2.5	0.5 - 5.5	0.5 - 5.5	2.0 - 14.0	2.0 - 14.0
	Cable travel (m)		2.0	1.6	1.4/2.5	1.4/2.5	3.0	3.0
Top suspension	Screw type trigger snap hook			•	•	•	•	•
	Electrically insulated suspension		•	•	•	•	•	•
	Freely rotating and swiveling			•	•	•	•	•
Safety chain	High-strength steel			•	•	•	•	•
Housing	Impact-resistant plastic			•	•	•	•	•
	Abrasion-resistant plastic		•	•	•	•	•	•
Cable drum	Abrasion-resistant plastic		•	•	•	•	•	•
	Drum lock						•	•
	Automatic ratchet lock					•		•
Load spring	Exclusive long-life steel		•	•	•	•	•	•
	Riveted version				•	•		
	Belted version		•	•			•	•
	Spring fracture safeguard $\geq 3$ kg				•	•	•	•
Load setting	Direct handwheel adjustment		•					
	Secured shaft adjustment			•	•	•		
	Worm gear adjustment						•	•
Cable	Polyamide braided		•					
	Flexible, anti-rotation, steel			•	•	•	•	•
	Adjustable extension length						•	•
	Elastic stop buffer		•	•	•	•	•	•
	Adjustable stroke limiter			•	•	•	•	•
Load suspension	Light-duty spring hook		•	•				
	Screw type trigger snap hook				•	•	•	•
Lubrication	Silicon-free grease		•	•	•	•	•	•
Maintenance	Easy cable replacement						•	•
	Spare part support						•	•
Also available as:	Rust-free edition*			•	•	•	•	•
	Air-hose edition (page 14)				•	•	•	•
	Automatic ratchet lock (page 8)					•		•



Service videos

[www.kromer.com](http://www.kromer.com)

Technical drawings



# Balancers

TYPE 7228



ID no.	Load range (kg)	Cable travel (m)
7228 0000 01	0.4 - 1.2	1.6
7228 0000 02	1.2 - 2.6	1.6
7228 0000 03	2.6 - 3.8	1.6
7228 0000 04	3.8 - 5.2	1.6
7228 0000 05	5.2 - 6.5	1.6



TYPE 7230/7231\*



ID no.	Load range (kg)	Cable travel (m)
7230 0000 01	3.0 - 5.0	2.0
7230 0000 02	4.5 - 7.0	2.0
7230 0000 03	6.0 - 10.0	2.0
7230 0000 04	9.0 - 14.0	2.0
7230 0000 05	13.0 - 17.0	2.0
7230 0000 06	16.0 - 21.0	2.0
7231 0000 01	3.0 - 5.0	2.0
7231 0000 02	4.5 - 7.0	2.0
7231 0000 03	6.0 - 10.0	2.0
7231 0000 04	9.0 - 14.0	2.0
7231 0000 05	13.0 - 17.0	2.0
7231 0000 06	16.0 - 21.0	2.0

■ with ratchet lock



TYPE 7235/7236\*



ID no.	Load range (kg)	Cable travel (m)
7235 0000 01	15.0 - 25.0	2.0
7235 0000 02	25.0 - 35.0	2.0
7235 0000 03	35.0 - 45.0	2.0
7235 0000 04	45.0 - 55.0	2.0
7236 0000 01	15.0 - 25.0	2.0
7236 0000 02	25.0 - 35.0	2.0
7236 0000 03	35.0 - 45.0	2.0
7236 0000 04	45.0 - 55.0	2.0

■ with ratchet lock



## TYPE 7241\*



Manual ratchet lock version

ID no.	Load range (kg)	Cable travel (m)
7241 0800 01	12.0 - 20.0	2.0
7241 0800 02	20.0 - 30.0	2.0
7241 0800 03	30.0 - 45.0	2.0
7241 0800 04	45.0 - 60.0	2.0
7241 0800 05	60.0 - 75.0	2.0
7241 0800 06	75.0 - 90.0	2.0
7241 0800 07	90.0 - 100.0	2.0
7241 0800 81	12.0 - 20.0	2.0
7241 0800 82	20.0 - 30.0	2.0
7241 0800 83	30.0 - 45.0	2.0
7241 0800 84	45.0 - 60.0	2.0
7241 0800 85	60.0 - 75.0	2.0
7241 0800 86	75.0 - 90.0	2.0
7241 0800 87	90.0 - 100.0	2.0

 with Manual ratchet lock


## TYPE 7245



ID no.	Load range (kg)	Cable travel (m)
7245 0000 01	55.0 - 70.0	1.8
7245 0000 02	70.0 - 85.0	1.8
7245 0000 03	85.0 - 95.0	1.8
7245 0000 04	95.0 - 110.0	1.8
7245 0000 05	110.0 - 125.0	1.8



## TYPE 7248

Double cable balancer  
for max. safety

ID no.	Load range (kg)	Cable travel (m)
7248 0800 01	12.0 - 20.0	2.0
7248 0800 02	20.0 - 30.0	2.0
7248 0800 03	30.0 - 45.0	2.0
7248 0800 04	45.0 - 60.0	2.0
7248 0800 05	60.0 - 75.0	2.0
7248 0800 06	75.0 - 90.0	2.0
7248 0800 07	90.0 - 100.0	2.0



\*Also available in rust-free edition, product catalog upon request.

## TYPE 7251\*



1 Single spring

2 Double spring

ID no.	Load range (kg)	Cable travel (m)
7251 0800 01	15.0 - 25.0	3.0
7251 0800 02	25.0 - 35.0	3.0
7251 0800 03	35.0 - 50.0	3.0
1 7251 0800 04	50.0 - 65.0	3.0
7251 0800 05	65.0 - 80.0	3.0
7251 0800 06	80.0 - 90.0	3.0
7251 0800 07	90.0 - 100.0	3.0
7251 0800 08	100.0 - 115.0	3.0
7251 0800 09	115.0 - 130.0	3.0
7251 0800 10	130.0 - 140.0	3.0
2 7251 0800 11	140.0 - 150.0	3.0
7251 0800 12	150.0 - 170.0	3.0
7251 0800 13	170.0 - 180.0	3.0
7251 0800 14	180.0 - 190.0	3.0
7251 0800 15	190.0 - 200.0	3.0



## TYPE 7261



ID no.	Load range (kg)	Cable travel (m)
7261 0800 01	150.0 - 175.0	1.5
7261 0800 02	175.0 - 200.0	1.5
7261 0800 03	200.0 - 225.0	1.5
7261 0800 04	225.0 - 250.0	1.5
7261 0800 05	250.0 - 275.0	1.5
7261 0800 06	275.0 - 300.0	1.5



\*Also available in rust-free edition, product catalog upon request.



# Technical features

Features	Types	7228	7230	7231	7235	7236	7241	7245	7248	7251	7261
<b>General information</b>	Load range (kg)	0.4-6.5	3-21	3-21	15-55	15-55	12-100	55-125	12-100	15-200	150-300
	Cable travel (m)	1.6	2.0	2.0	2.0	2.0	2.0	1.8	2.0	3.0	1.5
<b>Top suspension</b>	Screw type trigger snap hook	•			•	•		•			
	High-strength safety hook		•	•			•		•	•	•
	Electrically insulated suspension	•	•	•							
	Ball bearing embedded		•	•			•		•	•	•
	Freely rotating and swiveling	•	•	•	•	•	•	•	•	•	•
	Adjustable gravity alignment						•		•	•	•
<b>Safety chain</b>	High-strength steel	•	•	•	•	•	•	•	•	•	•
	Shock-absorbing design						•		•	•	•
<b>Housing</b>	Impact-resistant plastic	•	•	•							
	Abrasion-resistant plastic	•	•	•							
	High-strength aluminum				•	•	•	•	•	•	•
<b>Cable drum</b>	Abrasion-resistant plastic	•	•	•							
	High-strength aluminum				•	•	•	•	•	•	•
	Ball bearing embedded				•	•	•	•	•	•	•
	Manual lock	•	•		•			•	•	•	•
	Manual ratchet lock (optional)						•				
	Automatic ratchet lock			•		•					
<b>Load spring</b>	Exclusive long-life steel	•	•	•	•	•	•	•	•	•	•
	Riveted version	•	•	•							
	Containerized version				•	•	•	•	•	•	•
	Patented freewheel protection						•		•	•	•
	Spring fracture safeguard $\geq 3$ kg	•	•	•	•	•	•	•	•	•	•
<b>Load setting</b>	Secured shaft adjustment	•									
	Worm gear adjustment		•	•	•	•	•	•	•	•	•
<b>Cable</b>	Flexible, anti-rotation, steel	•	•	•	•	•	•	•	•	•	•
	Adjustable extension	•	•	•			•		•	•	•
	Adjustable stroke limiter	•	•	•	•	•	•	•	•	•	•
	Elastic stop buffer	•	•	•	•	•	•	•	•	•	•
<b>Load suspension</b>	Screw type trigger snap hook	•	•	•	•	•	•	•	•	•	
	Free rotating hook								•		•
<b>Lubrication</b>	Silicone free grease	•	•	•	•	•	•	•	•	•	•
<b>Maintenance</b>	Easy cable replacement	•	•	•	•	•	•	•	•	•	•
	Spare part support	•	•	•	•	•	•	•	•	•	•
<b>Also available as:</b>	Rust-free edition*		•	•	•	•	•			•	



Service videos

[www.kromer.com](http://www.kromer.com)


Technical drawings



Air hose edition

TYPE 7223

AIR HOSE BALANCER




Operating pressure: max. 10 bar

ID no.	Load range (kg)	Cable travel (m)	kg
7223 0000 01	0.4 - 1.2	0.8	1.3
7223 0000 02	1.2 - 2.2	0.8	1.4
7223 0000 03	2.2 - 3.0	0.8	1.4


1

Air hose version 6x8 mm



TYPE 7211/7212

AIR HOSE RETRACTOR



Operating pressure: max. 10 bar

ID no.	Load range (kg)	Cable travel (m)
7211 0801 01	0.5 - 2.0	2.5
7211 0801 02	1.5 - 3.0	2.5
7211 0801 05	3.0 - 5.5	1.4
7212 0801 01	0.5 - 2.0	2.5
7212 0801 02	1.5 - 3.0	2.5
7212 0801 05	3.0 - 5.5	1.4
7211 0801 11	0.5 - 2.0	2.5
7211 0801 12	1.5 - 3.0	2.5
7211 0801 15	3.0 - 5.5	1.4
7212 0801 11	0.5 - 2.0	2.5
7212 0801 12	1.5 - 3.0	2.5
7212 0801 15	3.0 - 5.5	1.4


2

Air hose version 9x13 mm

3


Air hose version 11x16 mm

with ratchet lock



TYPE 7221/7222

AIR HOSE RETRACTOR



Operating pressure: max. 10 bar

ID no.	Load range (kg)	Cable travel (m)
7221 0801 01	2.0 - 5.0	3.0
7221 0801 02	4.0 - 8.0	3.0
7221 0801 03	7.0 - 10.0	3.0
7221 0801 04	10.0 - 14.0	3.0
7222 0801 01	2.0 - 5.0	3.0
7222 0801 02	4.0 - 8.0	3.0
7222 0801 03	7.0 - 10.0	3.0
7222 0801 04	10.0 - 14.0	3.0
7221 0801 11	2.0 - 5.0	3.0
7221 0801 12	4.0 - 8.0	3.0
7221 0801 13	7.0 - 10.0	3.0
7221 0801 14	10.0 - 14.0	3.0
7222 0801 11	2.0 - 5.0	3.0
7222 0801 12	4.0 - 8.0	3.0
7222 0801 13	7.0 - 10.0	3.0
7222 0801 14	10.0 - 14.0	3.0


2

Air hose version 9x13 mm

3

Air hose version 11x16 mm

with ratchet lock



# Technical features

Features		Types	7223	7211	7212	7221	7222
General information	Load range (kg)		0.4 - 3	0.5 - 5.5	0.5 - 5.5	2.0 - 14.0	2.0 - 14.0
	Cable travel (m)		0.8	1.4/2.5	1.4/2.5	3	3
Top suspension	Screw type trigger snap hook		•	•	•	•	•
	Electrically insulated suspension		•	•	•	•	•
	Freely rotating and swiveling		•	•	•	•	•
Safety chain	High-strength steel		•	•	•	•	•
Housing	Impact-resistant plastic		•	•	•	•	•
	Abrasion-resistant plastic		•	•	•	•	•
Cable drum	Abrasion-resistant plastic		•	•	•	•	•
	Manual drum lock		•			•	•
	Automatic ratchet lock				•		•
Load spring	Exclusive long-life steel		•	•	•	•	•
	Riveted spring		•	•	•		
	Belted spring					•	•
	Spring fracture safeguard $\geq 3$ kg			•	•	•	•
Load setting	Secured shaft adjustment		•	•	•		
	Worm gear adjustment					•	•
Air-hose	Sturdy and flexible design		•	•	•	•	•
	6 x 8 mm		•				
	9 x 13 mm			•	•	•	•
	11 x 16 mm			•	•	•	•
Cable	Flexible, anti-rotation, steel			•	•	•	•
	Adjustable extension					•	•
	Elastic stop buffer		•	•	•	•	•
	Adjustable stroke limiter		•	•	•	•	•
Load suspension	Screw type trigger snap hook			•	•	•	•
Lubrication	Silicon-free		•	•	•	•	•
Maintenance	Easy cable replacement					•	•
	Spare parts support		•			•	•



Service videos

[www.kromer.com](http://www.kromer.com)

Technical drawings



# Positioners

TYPE 5250



ID no.	Load range (kg)	Cable travel (m)
5250 0000 00	0.5 - 6.0	1.5
5250 0000 01	2.0 - 7.0	1.5
5250 0000 02	0.5 - 3.0	1.5

- Impact and abrasion-resistant plastic
- Polyamide braided cable
- Easy brake force adjustment
- Constant brake force
- Freely rotating and swiveling hook
- Screw type spring hook
- Safety chain included



Service videos

[www.kromer.com](http://www.kromer.com)

Technical drawings



## Can't find your product?

We are dedicated to continuously improving our products and are looking forward to developing new tailor-made solutions.

Don't hesitate to contact us.





# Carl Stahl

KROMER



**CARL STAHL KROMER GMBH**

Balanceadores de resorte y  
equilibradores de gravedad cero para  
la industria de procesamiento de carne



# Contenido

Calidad y seguridad	4
Funciones del producto	5
Balanceadores de resorte	6
Balanceadores gravedad cero	8
Know-how de mas de 100 años	10
Servicios completos	11



## BALANCEADORES A RESORTE Y BALANCEADORES GRAVEDAD CERO

# Fabricados con el mas alto standard de calidad.

Los equilibradores de resorte y los equilibradores de gravedad cero Carl Stahl Kromer se caracterizan por su durabilidad y precisión excepcional. Se fabrican con los más altos estándares de calidad, se prueban a largo plazo y son un excelente ejemplo del término de calidad "Made in Germany". En muchas industrias, ya se utilizan para mejorar las condiciones de trabajo y respaldar procesos sin problemas.

En la industria de procesamiento de carne, nuestros equilibradores de resorte originales libres de óxido y equilibradores de gravedad cero se utilizan a menudo en el entorno de procesamiento de carne, especialmente en carnicerías y mataderos. No solo garantizan el cumplimiento de los requisitos higiénicos y medioambientales en esta área, sino también un alto rendimiento en el trabajo.

Con nuestros productos la carga permanece estable en la posición deseada y los equilibradores soportan la carga pesada, por lo que el trabajador no necesita aplicar mucha fuerza. La herramienta suspendida se siente casi ingrátida. En los mataderos, por ejemplo, las sierras que pesan hasta 95 kg se pueden utilizar sin esfuerzo gracias a Carl Stahl Kromer.

## Sus ventajas más importantes de un vistazo:

PREMIUM QUALITY  
MADE IN GERMANY



### Potentes

La fiabilidad y longevidad de los productos garantizan un rendimiento constante y elevado.



### Seguridad

Más seguridad a través de controles de inspección constantes. Manejo seguro de los productos.



### Precision

Especialmente diseñado para trabajos muy sensibles. Garantiza una alta precisión en el trabajo diario.



### Materiales free oxido

Nuestros productos especiales para la industria cárnica se componen exclusivamente de materiales libres de óxido.



### Calidad

Fabricado con los más altos estándares de calidad. Un verdadero líder mundial de calidad.



### Made in Germany

Modelo ejemplar del concepto de valor "Made in Germany". El pensamiento de calidad siempre está en el foco.



### Grasa de grado alimenticio

Utilizamos grasa compatible con NSF para cumplir con los requisitos de la industria cárnica.



### Servicio

Nivel de servicio más alto antes y después de la compra. Entrega rápida de repuestos y mantenimiento de los productos..

## CALIDAD Y SEGURIDAD

Diseñado con los más altos  
estándares de seguridad

### Seguridad

expansion chain

### Alta

### resistencia

Gancho de seguridad

### Confiable

Proteccion de  
rotura de resorte

**NSF** Comfort food  
Grasa grado alimenticio

### Ajustable

Amortiguador de  
parada de cable

### Calidad Premium

Resorte de carga

**Ac. Inoxidable**  
cable

**Cierre a rosca**  
Mosquetón

PREMIUM QUALITY

MADE IN GERMANY

**DIN**  
15112

**CE**





## FUNCIONES DEL PRODUCTO

# Exacto, potente y confiable. Son los asistentes de producción ideales

Todos los productos Carl Stahl Kromer se centran en el uso práctico y siempre apuntan al más alto nivel de satisfacción del usuario. Optimizamos y ampliamos continuamente las funciones y la gama de nuestros productos, invirtiendo creatividad, pasión e innovación para liderar las últimas tendencias. Descubra ahora las características y diferencias más importantes de nuestros equilibradores de resorte originales libres de óxido y equilibradores de gravedad cero para la industria de procesamiento de carne.

## Balanceadores a resorte (Retractors)



Los equilibradores de resorte Carl Stahl Kromer mantienen las cargas de hasta 14 kg al alcance del usuario, lo que contribuye a una estación de trabajo ordenada.

- Forma Cilíndrica
- La fuerza de retracción incrementa
- La carga retrae hasta el punto superior

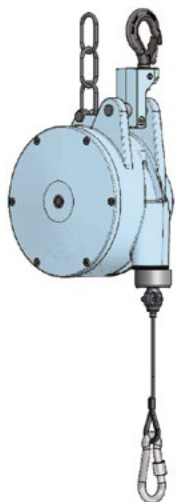
### Rango de carga

Tipo 7200 (0.0–2.5 kg)

Tipo 7211/7212 (0.5–5.5 kg)

Tipo 7221/7222 (2.0–14.0 kg)

## Balanceadores gravedad cero



Los equilibradores de gravedad cero Carl Stahl Kromer mantienen las cargas suspendidas de forma fiable y segura a cualquier altura.

- Forma Conica
- Fuerza de retracción constante.
- Mantiene la carga en la posición elegida.

### Rango de carga

Tipo 7230/7231 (3.0–21.0 kg)

Tipo 7235/7236 (15.0–55.0 kg)

Tipo 7241 (12.0–100.0 kg)

Tipo 7251 (15.0–200.0 kg)

# Balanceadores a resorte

## TIPO 7200

Para cargas livianas  
Rango 0 a 2,5 Kg.



Escanee el código QR  
para obtener más  
información, videos y  
descargas



Item No.	Carrera	Rango de carga (kg)
7200080130	1600 mm	0.0 - 0.5
7200080131	1600 mm	0.5 - 1.5
7200080132	1600 mm	1.2 - 2.5

## TIPO 7211/7212

Rango más usado  
0,5 a 5,5 Kg.



Escanee el código QR  
para obtener más  
información, videos y  
descargas



Item No.	Carrera	Rango de carga (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

## TIPO 7221/7222

Rango 2 a 14 Kg.



Escanee el código QR  
para obtener más  
información, videos y  
descargas



Item No.	Carrera	Rango de carga (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

# Características técnicas

		M O D E L O S				
		7200	7211	7212	7221	7222
<b>Suspension</b>	Mosqueton gatillo con rosca Acero Inoxidable	●	●	●	●	●
	Libre giro y pivoteo	●	●	●	●	●
<b>Cadena seguridad</b>	Acero Inox. Alta resistencia	●	●	●	●	●
<b>Caja</b>	Poliamida resistente de alto impacto	●	●	●	●	●
	Poliamida resistente a la abrasion	●	●	●	●	●
<b>Tambor de cable</b>	Poliamida resistente a la abrasion	●	●	●	●	●
<b>Traba Tambor</b>	Manual				●	●
	Traba automatica tipo trinquete			●		●
<b>Resorte de carga</b>	Acero especial Heavy Duty	●	●	●	●	●
	Remachado de seguridad.	●	●	●		
	Precinto de seguridad de acero				●	●
	Proteccion p/rotura de resorte a partir de 3 kG.		●	●	●	●
<b>Set-up carga</b>	Ajuste directo del eje	●	●	●		
	Ajuste por piñon y cremallera				●	●
<b>Cable</b>	Acero Inoxidable flexible	●	●	●	●	●
	gancho simple para cargas livianas	●				
	Mosqueton gatillo con rosca Acero Inoxidable		●	●	●	●
	Amortiguador de parada de cable ahustable	●	●	●	●	●
	Cambio de cable rápido				●	●
<b>Lubricacion</b>	Grasa grado alimenticio conforme NSF	●	●	●	●	●

# Balanceadores gravedad cero

## TYPE 7230/7231

The problem-solver  
for medium loads



Please scan QR-Code  
for further information,  
videos and downloads



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



Please scan QR-Code  
for further information,  
videos and downloads



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



Please scan QR-Code  
for further information,  
videos and downloads



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



Please scan QR-Code  
for further information,  
videos and downloads



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

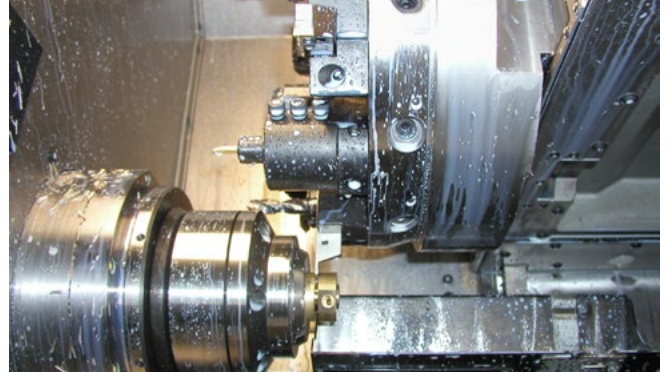
# Know-how over 100 years

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

Follow us:



**CARL STAHL KROMER GMBH**

Nägelseestraße 37  
79288 Gottenheim  
Germany

Tel.: +49 (0) 7665 / 50207-0  
Fax: +49 (0) 7665 / 50207-22  
E-Mail: [kromer@kromer.com](mailto:kromer@kromer.com)

[www.kromer.com](http://www.kromer.com)

# Accessories

## LOAD SUSPENSION / ELECTRICALLY INSULATED SWIVEL



### ID no.

007.415 001

### Suitable for

7241, 7245, 7248, 7251

- Insulation up to 1,000 volts
- Max. load capacity: 200 kg
- Anti-rotation/protection of cable
- Smooth rotation with embedded ball bearing



## LOAD SUSPENSION / SWIVEL



### ID no.

007.415 003

### Suitable for

7235/36, 7241, 7245, 7251

- Max. load capacity: 200 kg
- Anti-rotation/protection of cable
- Smooth rotation with embedded ball bearing



## EXTRA CABLE EXTENSION



With our extra cable extension, the external cable can be extended.

### ID no.

### Extension (m)

### Suitable for

007.335 016	+ 0.5	7200 - 7236
007.335 179	+ 1.0	7200 - 7236
007.335 180	+ 2.0	7200 - 7236
007.335 353	+ 0.5	7241 - 7261
007.335 181	+ 1.0	7241 - 7261
007.335 182	+ 2.0	7241 - 7261



## Customized cables:

- Length variations
- Terminal variations
- Material variations
- Additional features

Further customization upon request.





## CARL STAHL KROMER GMBH

### About us

Carl Stahl Kromer is located close to Freiburg in the south-west of Germany. With over 100 years of experience and a comprehensive range of spring balancers, Carl Stahl Kromer offers the right solution for every application in its fields. In the year 2000, we became a part of the Carl Stahl Group with its international network in 70 locations. We are the proven global quality leader and set the benchmark in spring balancer technology.

### About quality

Quality thinking accompanies every step throughout the entire process. Carl Stahl Kromer stands for sustainable and long-lasting products that benefit our customers and the environment in the long-term. The company has got a professional quality management system according to DIN EN ISO 9001.

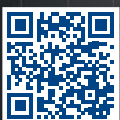


### About environmental protection

Environmental protection and sustainability are important values in our company. We understand that a functioning ecosystem is the basis for the existence of our society and has to be protected. We are dedicated to minimizing waste, conserving resources and limiting our environmental impact as much as possible. Optimized production processes and new digital solutions support us in achieving our vision.



**Carl Stahl Kromer is also certified according to DIN EN ISO 14001 and bears the seal CO<sub>2</sub> neutral company.**



Further information



# We are more than products

Our most important goal is to achieve the greatest level of customer satisfaction. Beyond the products we also provide:



## Priority orders

In case of unexpected and/or urgent demands, we also offer express deliveries.



## Customized solutions

With our experienced R&D, we are able to provide tailor-made concepts and look forward to developing new solutions together with you.



## On-site support

We gladly support you on-site in order to enhance common business results and facilitate discovery of new opportunities.



## Reliable delivery

Thanks to the support of state-of-the-art software and digitized processes, you can always rely on our confirmed delivery dates.



## Individual consulting

Personal, multilingual consulting and information exchange. Choose your preferred communication channel: e-mail, chat, telephone or video conference.



## Commercial support

Extend your marketing capacity and accelerate your success. Whenever you need commercial material, just get in touch with our marketing department.



## Workshops with certificate

Learn all about Kromer devices and enable your maintenance personnel to provide perfect service and prevent production downtimes.



## Spare parts

We believe in sustainable products and have therefore designed them in a modular way. This enables us to supply spare parts to ensure easy replacement.



## After sales

Our experts will be pleased to take care of the maintenance of your Kromer products – providing fast and reliable service.



Do you have any more questions?  
**We look forward to helping you!**

# Common applications

---

Adjustable arms

---

Air tools / pneumatic tools

---

Airbrushes and guns for painting

---

Bottling machines

---

Cable holders in electric cabins

---

Callipers for holes and micrometers

---

Conveyor belts and rails

---

Cutting machines

---

Electrical and pneumatic staplers

---

Exhaust gas / combustion hoses

---

Filling machines for the food industry

---

Guns / airbrushes for spray paint

---

Hand scanners

---

High pressure floor polishers / cleaning equipment

---

Hoses for pumps

---

Industrial sewing machines

---

Machines for cellars

---

Marker machines

---

Monitor suspensions

---

Nailing machines

---

Pipes for petrol pumps

---

Power supply busbars

---

Power tools

---

Push-button panels for cranes

---

Riveters

---

Robots for dimensional control

---

Robot supply cables

---

Screw guns

---

Sheet welding machines

---

Soldering irons

---

Stapling machines

---

Strapping

---

Submersible pumps and stirrers

---

Suction systems

---

Suspension of equipment for leather processing

---

Tools for packing

---

Tools for slaughterhouses

---

Tools for working rock

---

Tools for working wood

---

Torque arms

---

Tying tools for cables

---

Welding guns

---

Welding jigs

---

X-Ray tools

# Carl Stahl

KROMER

## Fields of application

Automotive



Food



Medical



Sun protection



Fitness



Further examples:



## Your benefits

- Very high ergonomics due to the best balancing performance
- Longest service life worldwide thanks to excellent quality
- Increased safety and productivity at the workplace
- Easy and fast maintenance
- No power consumption needed
- Fast and reliable delivery times
- Premium Quality Made in Germany

Follow us:



### CARL STAHL KROMER GMBH

Naegelseestrasse 37  
79288 Gottenheim  
Germany

Phone: +49 (0) 7665 / 50207-0  
Fax: +49 (0) 7665 / 50207-22  
E-Mail: [kromer@kromer.com](mailto:kromer@kromer.com)



Our general terms and conditions of purchase, delivery and payment apply. If these are not available, please request. Subject to change. Reprinting of this catalog, including excerpts, is prohibited.

[www.kromer.com](http://www.kromer.com)