



Ergonomic support for industrial environments

Fields of applications



Automotive



Food



Medical



Fitness



Sun protection

Our different ergonomic concepts

Retractors:

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

Facts

- Increasing retraction force
- Cylindrical shape
- 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

Key Benefits

- **High strength safety hooks**
- **Rust free material**
- **Spring fractured safeguard**
- **CE certified**
- **Shock proof design**
- **No power consumption needed**
- **Easy and fast maintenance**

Common applications

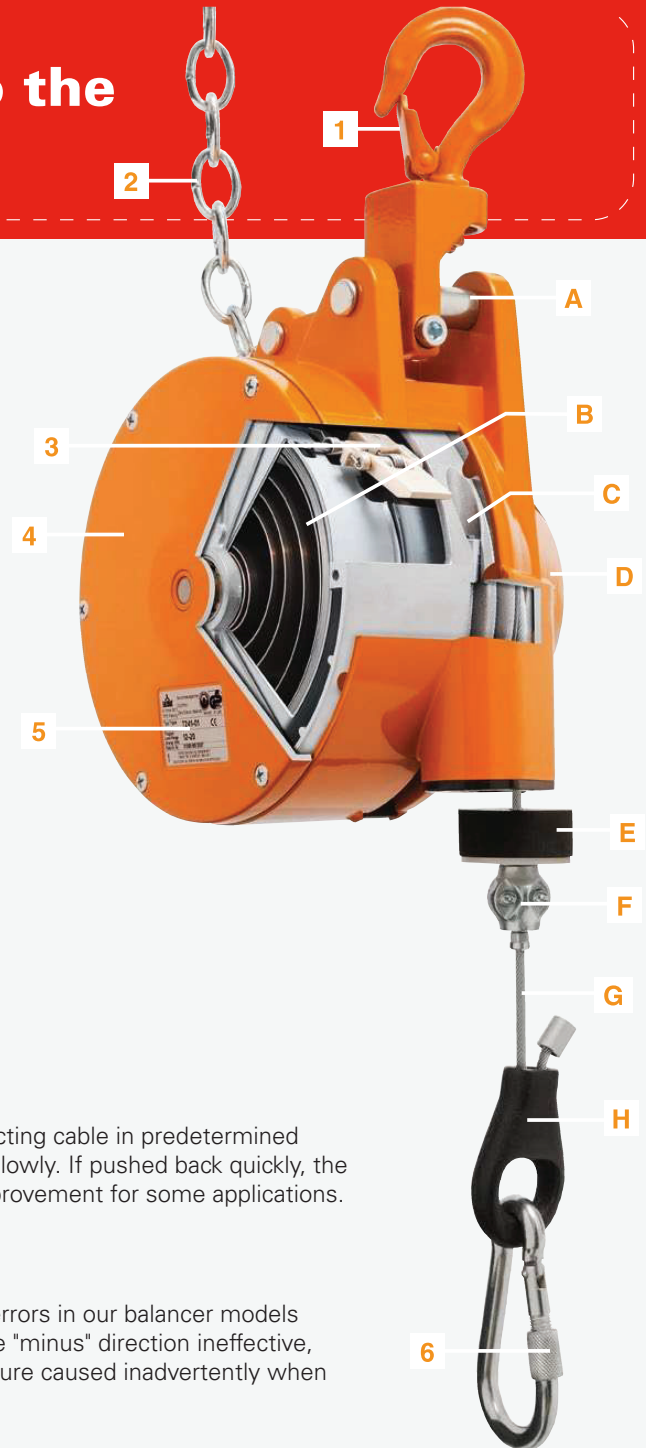
- Adjustable arms
- Air tools/pneumatic tools
- Airbrushes and guns for painting
- Bottling machines
- Cable holders in electric cabins
- Callipers for holes and micrometers
- Conveyor belts and rails
- Cutting machines
- Electrical and pneumatic staplers
- Exhaust gas combustion hoses
- Filling machines 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 or 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

| TYPE | TYPE 7228 | TYPE 7230 TYPE 7231 | TYPE 7235 TYPE 7236 | TYPE 7241 | TYPE 7245 | TYPE 7248 | TYPE 7251 | TYPE 7261 |
|------------------|-----------|-----------------------|-----------------------|-------------|--------------|------------|--------------|-------------|
| Load range (kg) | 0.4 - 6.5 | 3.0 - 21.0 | 15.0 - 55.0 | 12.0 - 55.0 | 55.0 - 125.0 | 12.0 - 100 | 15.0 - 100.0 | 100.0 - 200 |
| Cable travel (m) | 1.6 | 2.0 | 2.0 | 2.0 | 1.8 | 2.0 | 3.0 | 3.0 |

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.

All our products undergo rigorous manufacturing in-house, utilizing state-of-the-art facilities for design, machining, casting, assembly, welding, and surface treatment. Electrical components are sourced from CE-certified suppliers, and final products undergo ISO quality testing before delivery.

