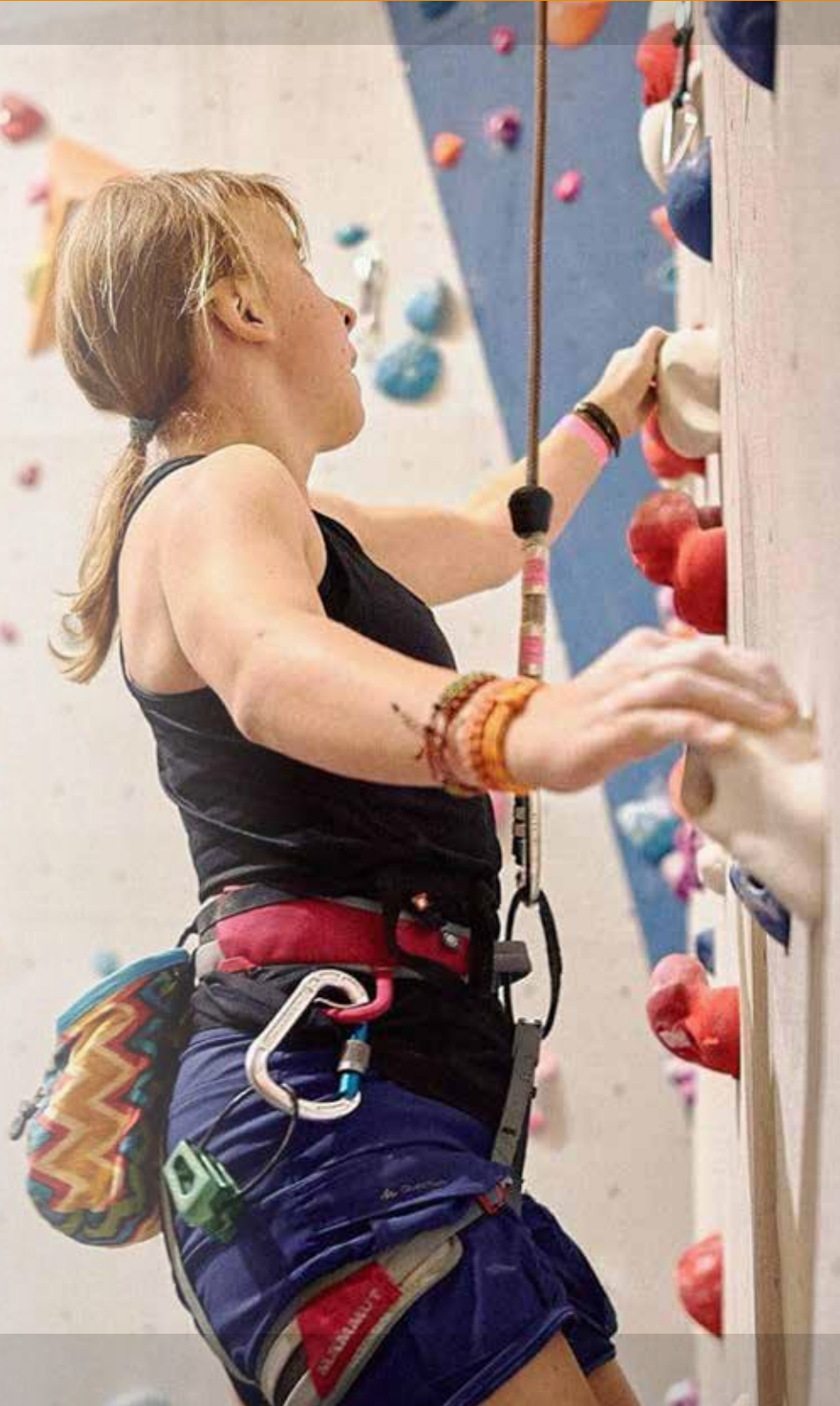


Auto Belay | STAR[®]-belay *Climbing Wall Descenders*



DUTCH DESIGN
HIGH QUALITY



Safety: a vital investment!



AUTO BELAY

YOUR PERSONAL SAFETY

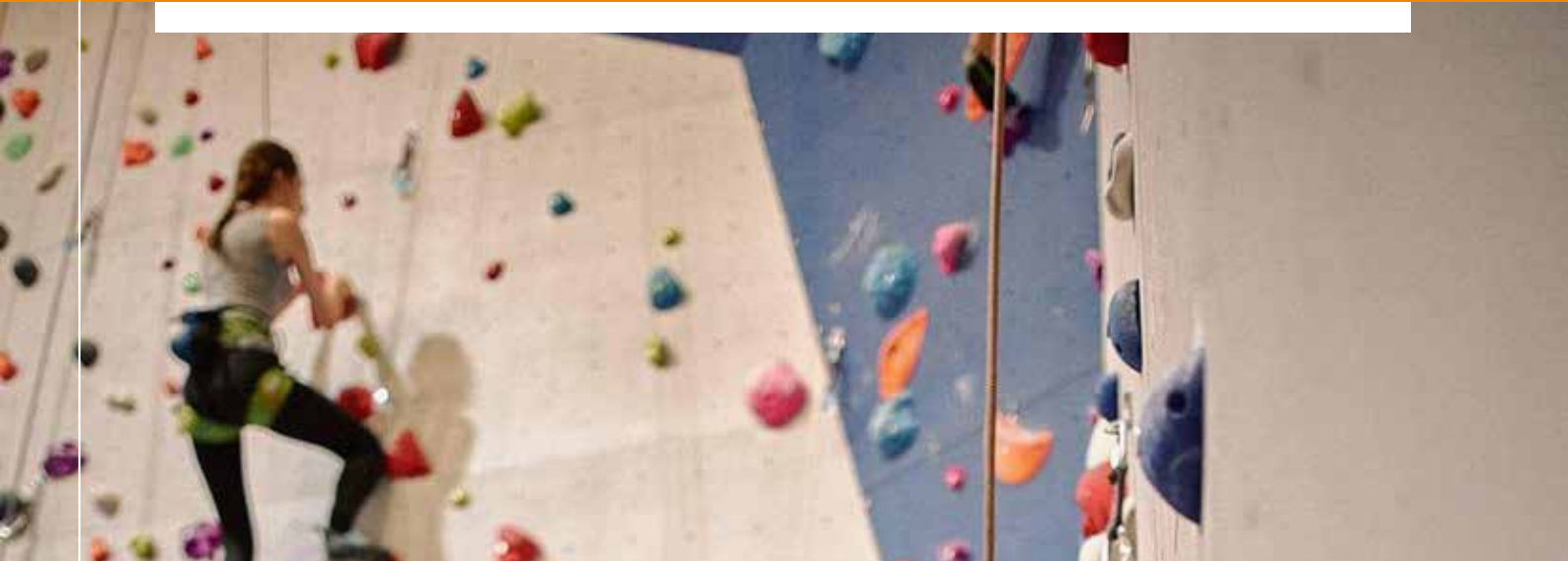
We've put over 70-years safety engineering experience in our STAR-series auto belay!

Auto belays contribute to the safety of climbers while enjoying the freedom and fun of their sport or hobby. Whether seriously training, staying in shape or experiencing to climb up or descend a very first time you're free to go on any facility in a safe way. HONOR STAR-series auto belays facilitate individual climbers up to large groups while costs are lowered.

The STAR-belay types are safety devices and part of a range of 19 different types comprising fall arrest blocks, recovery devices, automatic descenders, evacuation and rescue devices, load arrestors, etc. The STAR-belay auto belay devices are specially designed for climbers and in use in climbing gyms, ropes courses and zip line tours all over the world.

HONOR's modular STAR-series range of safety devices also comprises 3 types of auto belay: CWD9, CWD16 and 1 speed-version; the CWD20 SPEED.





Safety equipment specialist: development, manufacturing and expert advice

Since our foundation in 1948, HONOR Safety & Consultancy is an international orientated Dutch company experienced developing and manufacturing high-end height safety, evacuation and rescue solutions. From this starting point we've also developed climbing auto belay devices.

HONOR Safety & Consultancy is located in Almere (close to Amsterdam), the Netherlands. Our present premises built in the year 2000 on 'new land' (bottom of the former Southern Sea) illustrates the innovative way we operate. Working together with industrial designers, end-user customers and export distributors many HONOR-solutions are internationally patented, often nominated and even won the international prestigious Dutch Design Award! Our products are MADE IN HOLLAND, genuine and virgin

materials used, sustainable produced under the right working conditions! Although HONOR is an international operating private company, we hold a direct sales organisation to our end-user customers in the Netherlands. This always has been a strategic decision to be able to understand the solutions needed by users in all relevant market segments. We are convinced that, with the know-how and experience we develop this way, this enables us to introduce better solutions internationally.

HONOR is certified to ISO 9001 and SCC ('SCC' is the abbreviation for SHE {Safety, Health and the Environment} Checklist Contractors and is managed by the Foundation Cooperation for Safety {SSW}).

Enjoy your Safety high-up!

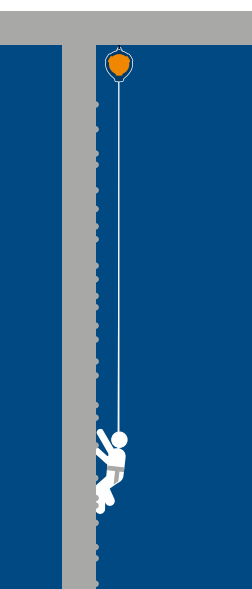
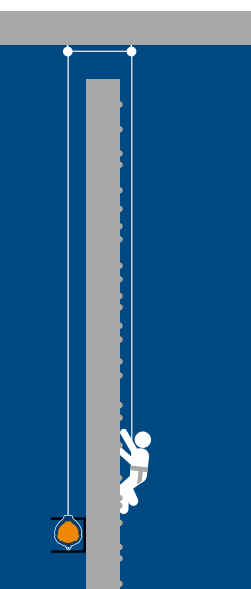
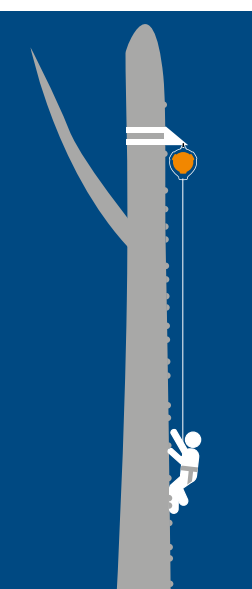


Approved fall arrest device and safe descender

The main hazard while climbing is falling!

So, based on risk analysis, every climber in a climbing gym or high ropes course etc. has to use approved fall arrest equipment and of course gear to descent safely after reaching the top or a fall while climbing. That's why the STAR-belay CWD-type devices are approved according:

- **European PPE Regulation 2016/425**
- **EN 360:2002:** Retractable type fall arresters - Personal protective equipment against falls from a height
- **EN 341:2011/1A:** Automatic descender devices for rescue Class-A (highest classification) - Personal fall protection equipment

| Wall-Top/Ceiling Mount Auto Belay | Inspection Height Mount Auto Belay | Wall/Tree/Pole Mount Auto Belay | MOUNTING EXAMPLES |
|---|---|--|---|
|  |  |  | <p>Wall-Top/Ceiling Mount Lifeline Exit pointed down, by carabiner or special Mounting Bracket on Anchor Device.</p> <p>Ergonomic Height Inspection Mount Floor level - Lifeline Exit pointed up using a special Mounting Bracket. Lifeline lead over a pulley-block(s) mounted on top of the climbing wall - extended rope length on device.</p> <p>Wall/Tree/Pole Mount Lifeline Exit pointed down, by carabiner or special Mounting Bracket on Anchor Device.</p> |

- 
- A low-angle photograph of a person climbing a tall, tree-like structure. The climber is wearing a blue jacket and a harness, and is positioned on a dark, vertical panel with several blue and green climbing holds. The structure is made of large, textured logs and has green, leaf-like decorations. A red rope is visible, running vertically down the side of the structure. The background is a clear blue sky.
- + RESEARCH, DEVELOPMENT AND **MADE IN HOLLAND**
 - + FOR **ADULTS AND CHILDREN**
 - + SIMPLE TO INSTALL AND **EASY** TO RELOCATE
 - + HIGH QUALITY **KERNMANTEL** ROPE
 - + **AUTOMATIC DESCENT** - SMOOTH DESCENT
 - + **FALL ARREST**
 - + UP TO **20 METER** (65.6 FT) DESCENT HEIGHT
 - + **CLIMBERS** FRIENDLY
 - + MEETS INTERNATIONAL FALL ARREST
& DESCENDING **SAFETY STANDARDS**

STAR[®]-belay type CWD9

Auto Belay Kernmantel rope

Climbing wall descender with 9 meter (29.5 ft) descent height, integrated descent module and counter. Cost effective auto belay especially developed for fun and kids climbing walls.



Specifications CWD9:

- STAR[®]-belay design
- Modular automatic descent-brake
- Descent speed: appr. 1.2 m/s (150 kg)
- Retraction speed: appr. 0.95 m/s
- Descent height: max. 9 meter (29.5 ft)
- Very low examination & inspection costs
- Lightweight, robust alloy housing & modules – powder coated (16 kg - 35.3 lbs)
- Length or distance of use Counter
- Corrosion-resistant stainless steel & alloy internal components
- Lifeline: Kernmantel rope (orange/blue), 9.5 mm - EN 1891 Type-A
- Capacity:
 - Max. climbers weight: 150 kg - 331 lbs
 - Min. climbers weight: 10 kg - 22 lbs
- Temperature range: - Min. -10 °C, Max. +55 °C
 - Min. 14 °F, Max. 130 °F
- Handle Mount and Top-Eye available

PPE Regulation: **2016/425**

European standards:

EN 360:2002 (Personal protective equipment against falls from a height - Retractable type fall arresters)

EN 341:2011/1A (Personal fall protection equipment - Descender devices for rescue)

US-Standard: Z359.14-2012-A pending

Art.no: R013.015.100 – CWD9 with Handle Mount

Art.no: R013.015.000 – CWD9 with Top-Eye

European patent no: 002503698-001

USA Patent: 23-0825-0576900

STAR[®]-belay type CWD16

Auto Belay Kernmantel rope

Auto descending belay with 16 meter (52.5 ft) descent height, integrated descent module and counter. The perfect auto belay for sport and recreational climbing.



Specifications CWD16:

- STAR[®]-belay design
- Modular automatic descent-brake
- Descent speed: appr. 1.0 m/s (150 kg)
- Descent height: max. 16 meter (52.5 ft)
- Very low examination & inspection costs
- Lightweight, robust alloy housing & modules – powder coated (17.7 kg – 39 lbs)
- Length or distance of use Counter
- Corrosion-resistant stainless steel & alloy internal components
- Lifeline: Kernmantel rope (orange/blue), 9.5 mm - EN 1891 Type-A
- Capacity:
 - Max. climbers weight: 150 kg - 331 lbs
 - Min. climbers weight: 10 kg - 22 lbs
- Temperature range: - Min. -4 °C, Max. +55 °C
 - Min. 24.8 °F, Max. 130 °F
- Handle Mount and Top-Eye available

PPE Regulation: **2016/425**

European standards:

EN 360:2002 (Personal protective equipment against falls from a height - Retractable type fall arresters)

EN 341:2011/1A (Personal fall protection equipment – Descender devices for rescue)

US-Standard: Z359.14-2012-A pending

Art.no: R013.022.100 – CWD16 with Handle Mount

Art.no: R013.022.000 – CWD16 with Top-Eye

European patent no: 002503698-001

USA Patent: 23-0825-0576900



**STAR®-SERIES TYPE
CWD20 SPEED**

**+ THE FASTEST RETRACTING
(OLYMPIC) SPORT CLIMBING
AUTO BELAY!**



STAR[®]-belay type **CWD20 SPEED**

SPEED Belay Kernmantel rope

SPEED auto belay with 20 meter (65.6 ft) descent height, integrated descent module and counter. The fastest retracting (Olympic) sport climbing auto belay!



Specifications CWD20 SPEED:

- SPEED version
- STAR[®]-belay design
- Modular automatic descent-brake
- Descent speed: appr. 1.0 m/s (150 kg)
- Retraction speed: appr. 5.0 m/s
- Descent height: max. 20 meter (65.6 ft)
- Very low examination & inspection costs
- Lightweight, robust alloy housing & modules – powder coated (23 kg - 50.7 lbs)
- Length or distance of use Counter
- Corrosion-resistant stainless steel & alloy internal components
- Lifeline: Kernmantel rope (orange/blue), 9.5 mm - EN 1891 Type-A
- Capacity:
 - Max. climbers weight: 150 kg - 331 lbs
 - Min. climbers weight: 10 kg - 22 lbs
- Temperature range: - Min. -4 °C, Max. +55 °C
 - Min. 24.8 °F, Max. 130 °F
- Handle Mount and Top-Eye available

PPE Regulation: **2016/425**

European standards:

EN 360:2002 (Personal protective equipment against falls from a height - Retractable type fall arresters)

EN 341:2011/1A (Personal fall protection equipment – Descender devices for rescue)

US-Standard: Z359.14-2012-A pending

Art.no: **R013.025.100** – CWD20 SPEED with Handle Mount

Art.no: **R013.025.000** – CWD20 SPEED with Top-Eye

European patent no: 002503698-001

USA Patent: 23-0825-0576900

Accessories



Anchor Device
Wall/Tree/Pole Mount

Art.no: R010.210.039
Wall/Tree/Pole
Anchor Device Auto Belay



Mounting bracket
Inspection Mount

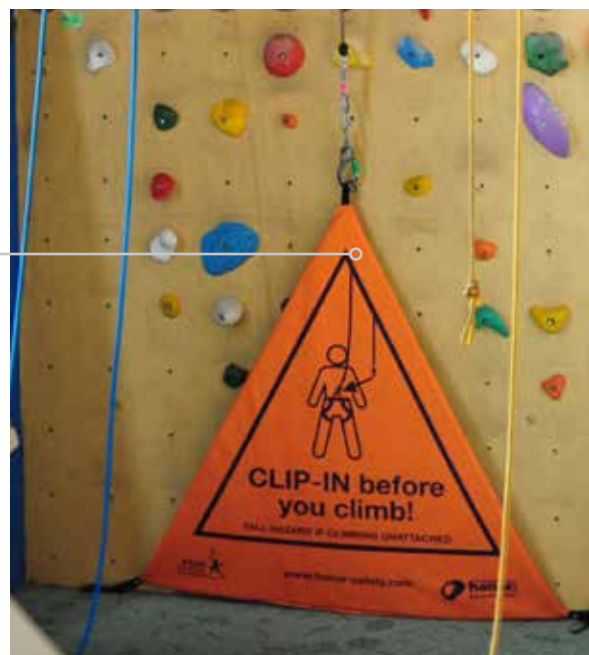
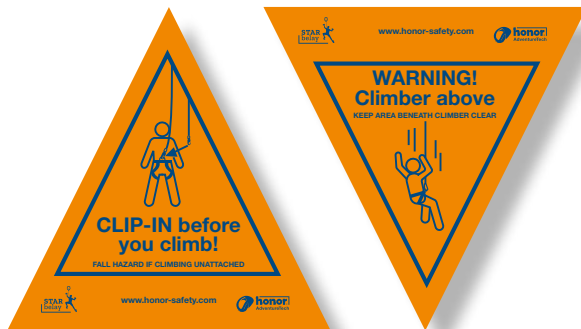
Ergonomic Height Inspection - Auto Belay
Mounting bracket

Art.no: R010.210.032 – Top-Eye STAR-belay
Art.no: R010.210.033 – Handle Mount STAR-belay

Belay Gate

Dimensions: 140 x 130 cm / 55.1 x 51.2 inch

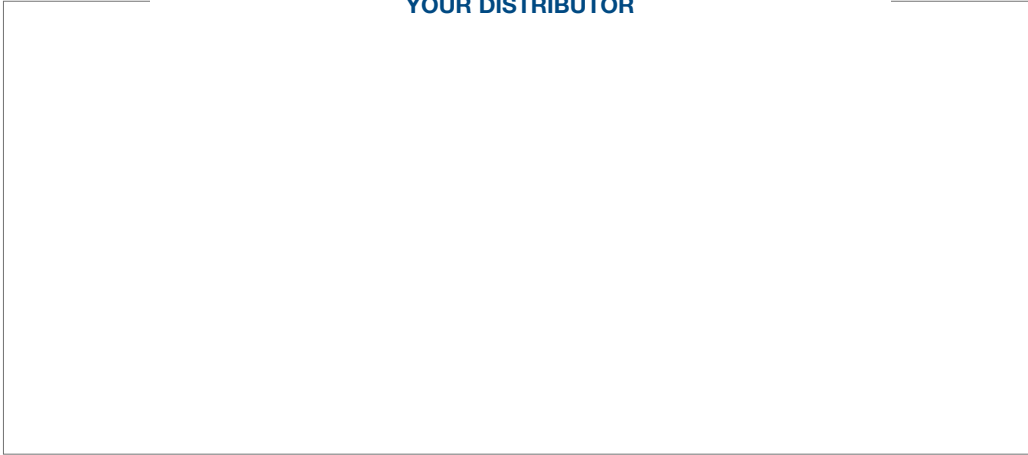
Art.no: R010.210.050 – Belay Gate





Enjoy your *Safety* high-up!

YOUR DISTRIBUTOR



MANUFACTURER



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