



OHMEGA

PRESS INFO 2025

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MOTIVATION

01

USE AND ADDED VALUE

02

OHMEGA VS. OHM

03



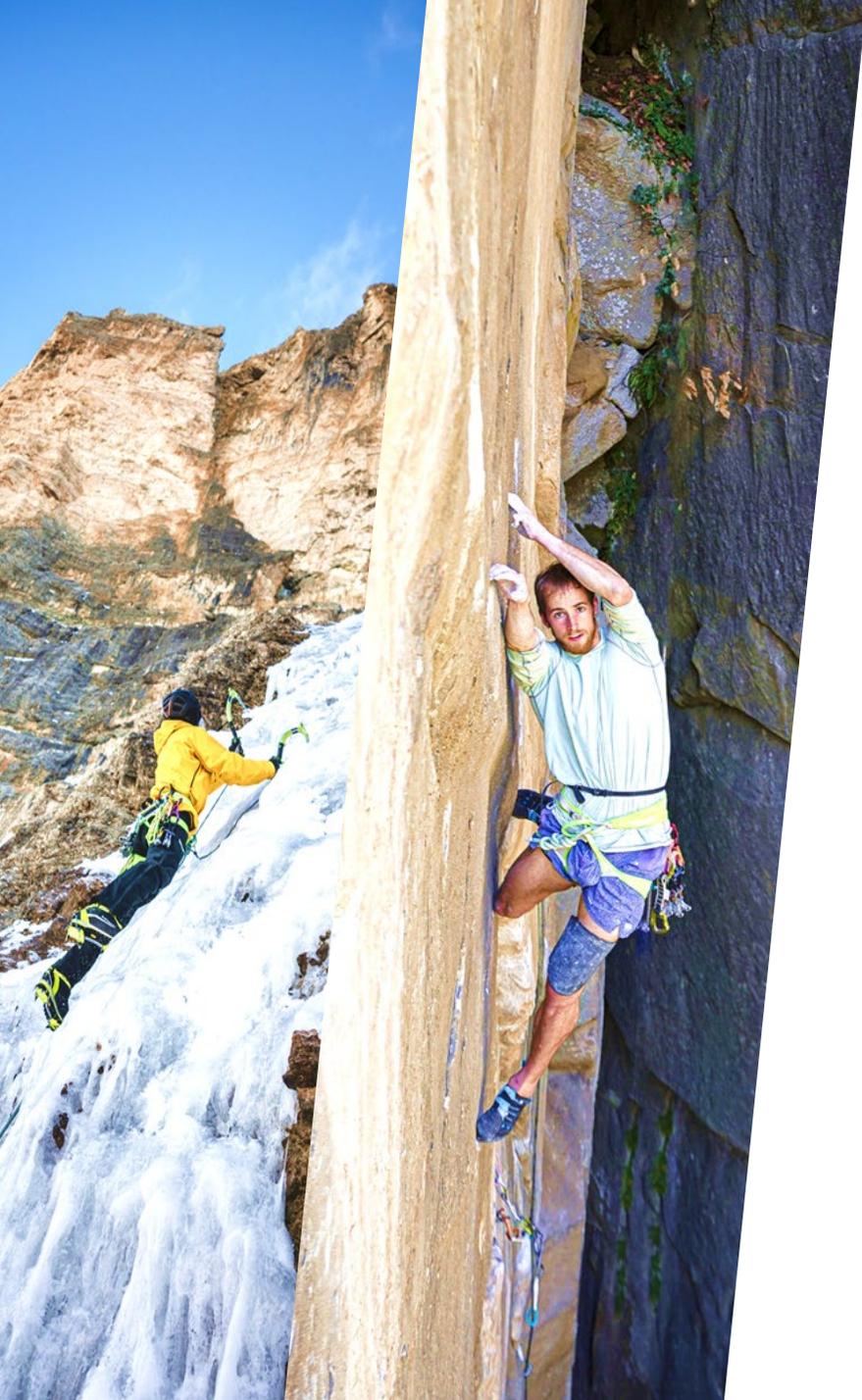
OUR VISION

WE REALIZE IDEAS THAT ENABLE **FREE MOVEMENT** IN THE VERTICAL WORLD



OUR VISION

WE REALIZE IDEAS THAT ENABLE **FREE MOVEMENT** IN THE VERTICAL WORLD



HOW CAN WE FREE MOVEMENT?

FREE MOVEMENT

**TOOLS FOR
PROGRESS**



**UNHINDERED
MOVEMENTS**



**UNNOTICABLE
SAFETY**





RETHINKING

WHAT MAKES BELAYING FEEL FREE?



CLIMBER

BELAYING

BELAYER

USE

- FOR LONG AND SHORT ROUTES
- FOR ALL CLIMBING DISCIPLINES
- FOR ALL WEIGHTS AND SKILL LEVELS

GENERAL

- WEIGHT COMPENSATION
- SOFT CATCHES

DEVICES

- MUST WORK FROM THE 1st BOLT ON
- SHOULDN'T BE HEAVIER THAN WHAT IS NORMALLY USED
- SHOULDN'T INVOLVE CHANGING MY HABITS TOO MUCH

TRADE-OFFS

- MINIMAL ROPE FRICTION
- QUICK CLIPPING ACTION
- UNHINDERLY WORKING ROUTES



HARDER TO CATCH A FALL



DANGER DUE TO ROPE SLACK



DISCOMFORT FOR BELAYER



OUR MISSION

OUR MISSION IS TO **UNDERSTAND** EVERY DETAIL ABOUT THE DEVELOPMENT,
THE USE AND THE IMPACT OF OUR PRODUCTS...

RETHINK BELAYING!

ONCE AGAIN...



2013



2016
2024



2019



2024



2024



2025



2027?

...**BUT**
NEVER WAS THE
LEAP BIGGER
THAN THIS...



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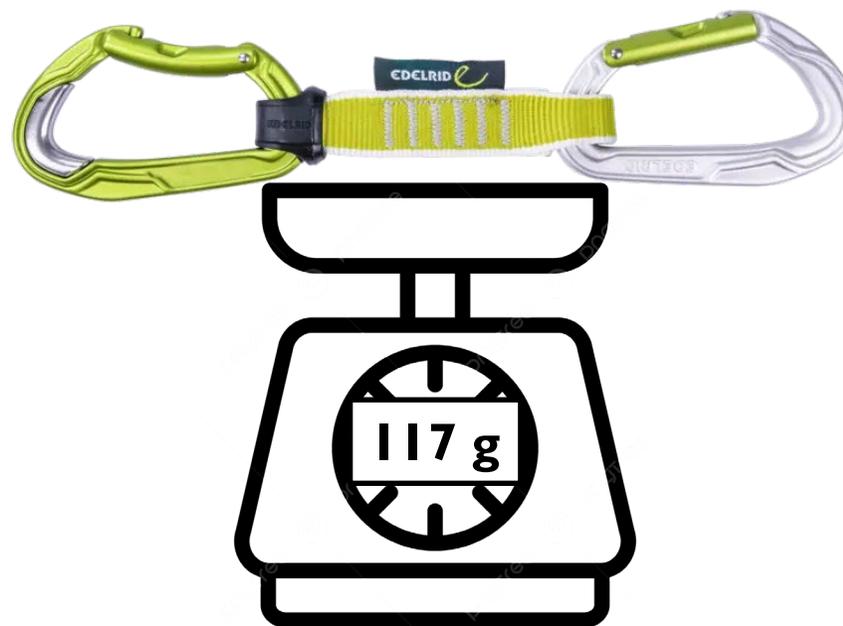
03

THE OHMEGA



EXAMINING WEIGHT

LIGHTWEIGHT...



EXAMINING SIZE

... & COMPACT



EXAMINING FUNCTIONS

PUSH BUTTON
(known from Pinch)



EXAMINING FUNCTIONS



EXAMINING FUNCTIONS



EXAMINING FUNCTIONS



EDELRID OHMEGA



WHAT IT IS AND WHAT IT DOES:

- Extension of our portfolio in the OHM segment / braking resistors
- Changes weight distribution in rope parties („makes belayer heavier“)
- Protects belayer in case of falls of lead climber

WHAT IT OFFERS ON TOP:

- Integrated pulley reduces friction while clipping and climbing
- 3 adjustable braking levels
- Lightweight & compact
- ...and maybe even more?

WHAT IT IS NOT:

- ~~OHM III~~
- ~~Weight compensation only~~

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BELAY ASSISTANT

OHMEGA | INSERTING THE ROPE



OHMEGA | ADJUSTMENT OF BRAKING LEVELS

+



+ min. 10 kg

OHMEGA | ADJUSTMENT OF BRAKING LEVELS

+



+ min. 10 kg

+++



+ min. 30 kg

OHMEGA | ADJUSTMENT OF BRAKING LEVELS

+



+ min. 10 kg

++



+ min. 20 kg

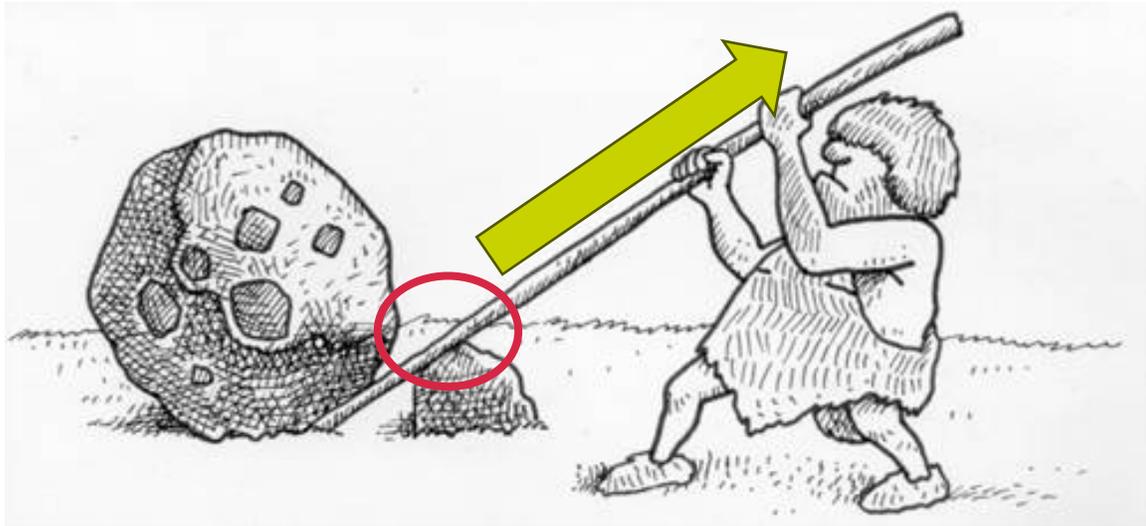
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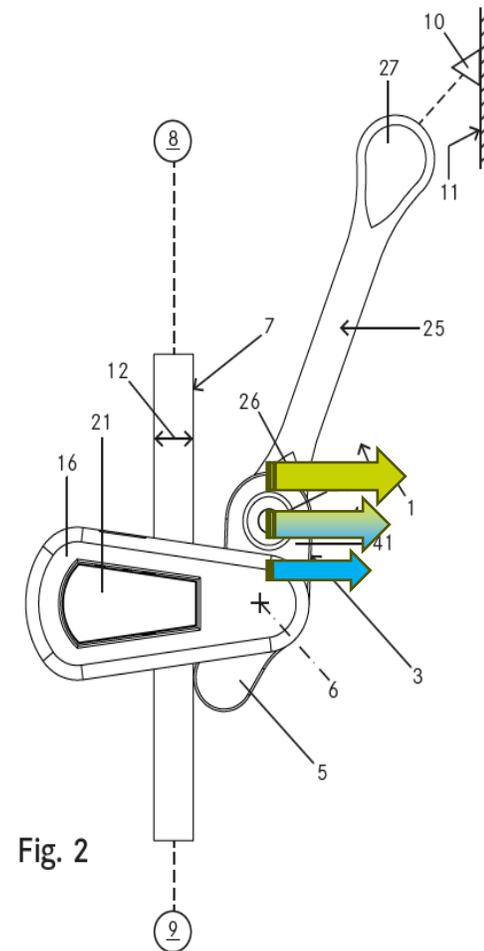
+ min. 30 kg



OHMEGA | ADJUSTMENT OF BRAKING LEVELS



- ✓ OHMEGA braking level settings use the lever principle
- ✓ The longer the lever the more efficiently the force will be applied



PATENTED

OHMEGA | ADJUSTMENT OF BRAKING LEVELS

+



+ min. 10 kg

++



+ min. 20 kg

+++



+ min. 30 kg

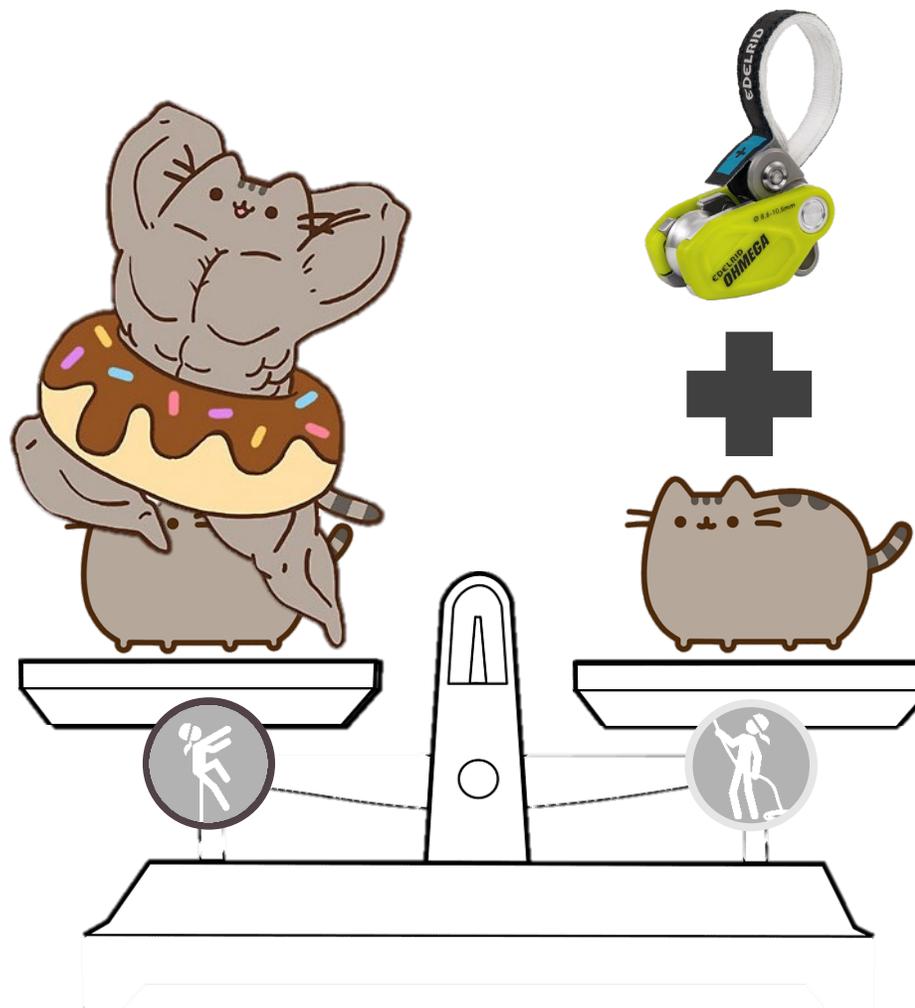


OHMEGA | BRAKE LEVEL TESTS

IN A STANDARD FALL
SCENARIO WITH A PASSIVE
BELAY AND CLIMBER AND
BELAYER WITH THE SAME
WEIGHT

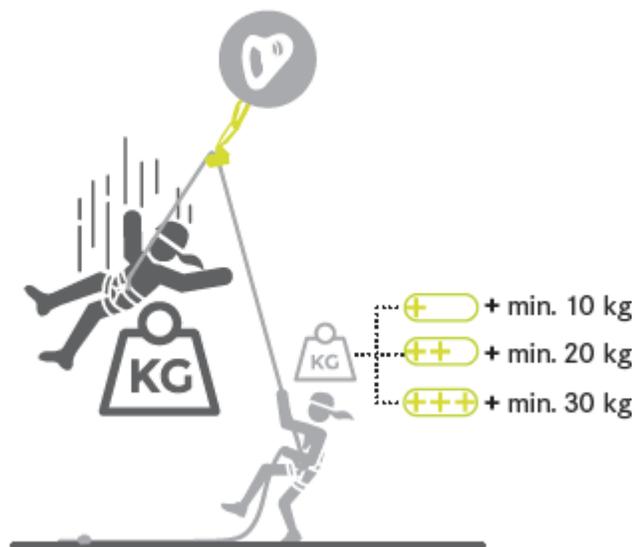


HOW MUCH CAN WE
INCREASE THE CLIMBERS
WEIGHT USING THE OHMEGA
TO GET THE SAME RESULT?

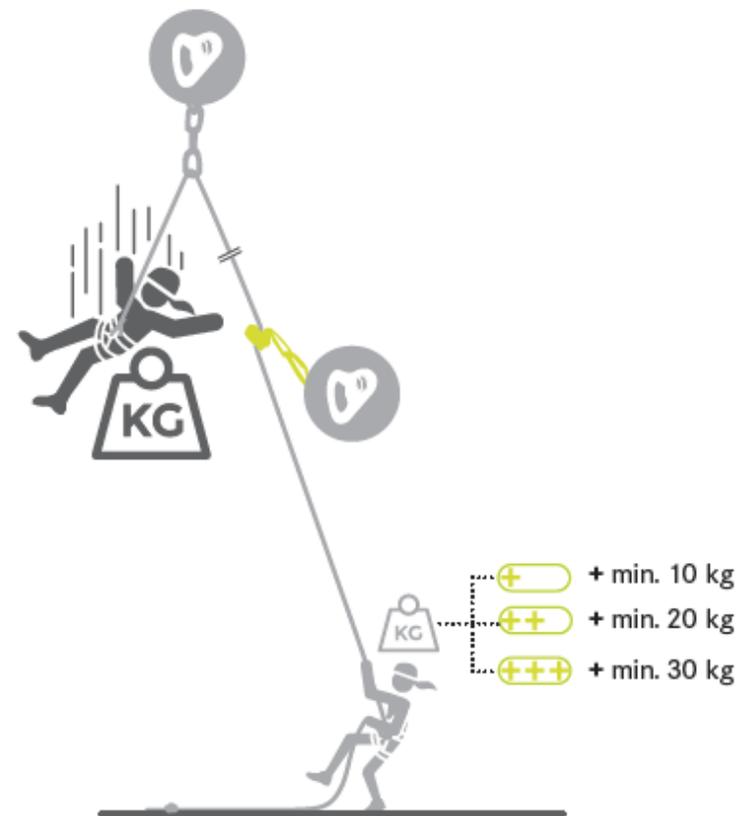


OHMEGA | ACTIVE AND PASSIVE LOADING OF THE DEVICE

active function of the device:

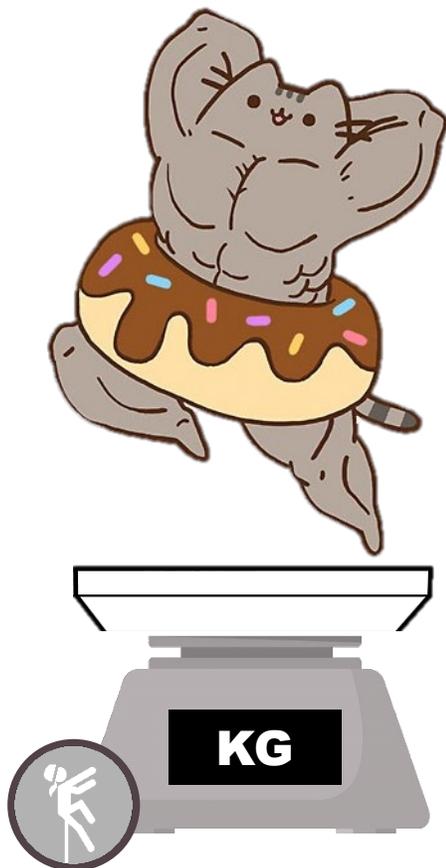


passive function of the device:



Brakes even when climber falls into the device!

OHMEGA | COMMUNICATION OF BRAKING LEVEL



WE REFRAIN FROM COMMUNICATING UP TO WHICH WEIGHT DIFFERENCE THE OHMEGA MAKES CLIMBING “POSSIBLE”.

A CLIMBING PARTY HAS TO DECIDE THEMSELVES WHAT MEASURES TO TAKE FOR THEIR WEIGHT DIFFERENCE.

WE TELL THEM THAT THE OHMEGA - DEPENDING ON THE SETUP - INCREASES THE BELAYERS WEIGHT BY

min. + 10 kg
min. + 20 kg
min. + 30 kg

THIS CAN BE TAKEN INTO ACCOUNT FOR THEIR FURTHER ASSESSMENT.

+ 10 KG
+ 20 KG
+ 30 KG



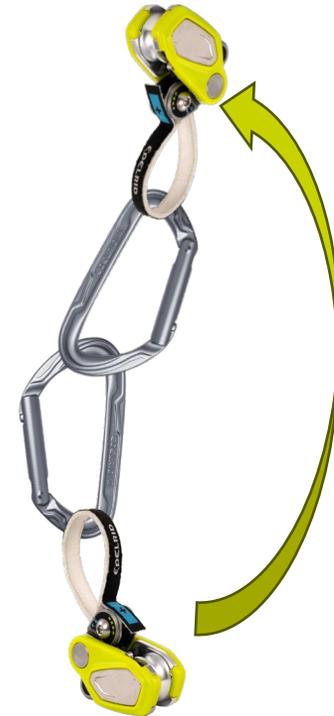
OHMEGA | BRAKING & RELEASING

✓ Deactivates really fast after a fall

✓ Spring loaded braking cam  „tends“ to return into initial position

WHY IS DYNAMIC BELAYING SO EASY WITH THE OHMEGA?

- ✓ Short way of activation
- ✓ 2-step-activation
- ✓ Easy to find right timing for dynamic belaying



OHMEGA | PULLEY

„YOU ONLY FEEL IT
WHEN YOU NEED IT“



Benefits of pulley:

- ✓ No friction when clipping fast & giving slack
- ✓ Less friction than conventional quickdraw in first bolt
- ✓ Easier for belayer to support climber pulling himself up on the rope after a fall / when projecting routes

„Minimum friction while climbing, maximum friction while braking“

Attention:

Pulley is a wear part → Limited Lifetime!

OHMEGA | TOPROPE APPLICATION



- ✓ Toprope - climbing with Ohmega possible
- ✓ Ohmega used in toprope anchor point
- ✓ Backup / Redundancy with quickdraw mandatory

Attention:

Higher wear of pulley in toprope application than with passive loading (use in lead climbing & lowering)



OHMEGA
USE CASES

USE CASES

OHMEGA IN SPORTS CLIMBING

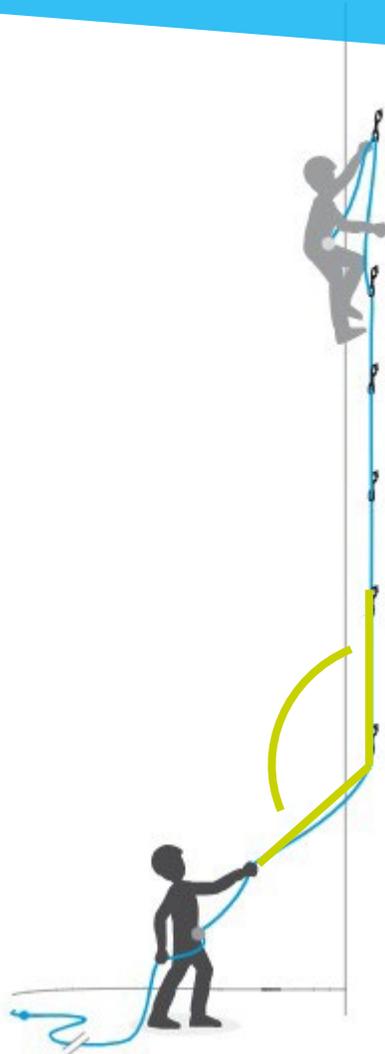
BENEFITS FOR BELAYER

- ✓ Weight compensation:
Protection of belayer in case climber falls
- ✓ 3 adjustable brake levels
- ✓ Easy to pay out slack
- ✓ Dynamic belaying made easy
- ✓ More comfort while climber is projecting a route



USE CASES

OHMEGA IN SPORTS CLIMBING



BENEFITS FOR CLIMBER

- ✓ Low friction
 - ✓ Reduced rope drag in long routes
- ✓ Braking Support
 - ✓ Protection in short routes with crux close to the ground
- ✓ Fast clipping
- ✓ Fast deactivation
- ✓ Soft catches
- ✓ Being supported by the belayer when pulling up on the rope
- ✓ More comfort while projecting routes



USE CASES

OHMEGA IN MULTIPITCH CLIMBING

SCENARIO

- ✓ Alpine sports climbing
- ✓ Multipitch routes
- ✓ Single rope
- ✓ Body belaying
- ✓ Fall scenarios are more static



USE CASES

OHMEGA IN MULTIPITCH CLIMBING

- ✓ Ohmega used as Dummy Runner or in another bolt in the route
- ✓ Protects belayer and enables soft catches
- ✓ Lightweight & compact
no extra weight in backpack

=> No reason to not take the Ohmega with you



OHMEGA | MAIN FEATURES

OHMEGA SLING
3 adjustable
braking levels

ROPE CHANNEL
For single ropes
8,6 – 10,5 mm

PATENTED

PULLEY
For low friction

PUSH BUTTON
known from Pinch

BRAKING CAM
Spring loaded



- ✓ **VERSATILE & FOR ALL ROPE PARTIES**
- ✓ **SUPERIOR BELAY ASSISTANCE WITH 3 BRAKING LEVELS**
- ✓ **LIGHTWEIGHT & COMPACT**
- ✓ **INTEGRATED PULLEY REDUCES FRICTION WHILE CLIMBING & CLIPPING**
- ✓ **BRAKES EVEN WHEN FALLING DIRECTLY TO THE DEVICE**

PATENTED



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TRADE-OFFS

- ✓ MINIMAL ROPE FRICTION
- ✓ QUICK CLIPPING ACTION
- ✓ UNHINDERLY WORKING ROUTES

EASY

- ✓ ~~HARDER TO CATCH A FALL~~
FAST, SMOOTH AND SAFE TO PAY-OUT ROPE
- ✓ ~~DANGER DUE TO ROPE SLACK~~
- ✓ ~~DISCOMFORT FOR BELAYER~~





WE KNOW WHAT YOU ARE THINKING...

REALLY AWESOME, BUT...

... WHY NOW?

... WHAT ABOUT THE OHM?

OHMEGA | WHAT NOW?



2016



MORE MANUFACTURERS ARE AND WILL COME OUT WITH THESE KIND OF DEVICES...



ZORRO



ESPRESSI



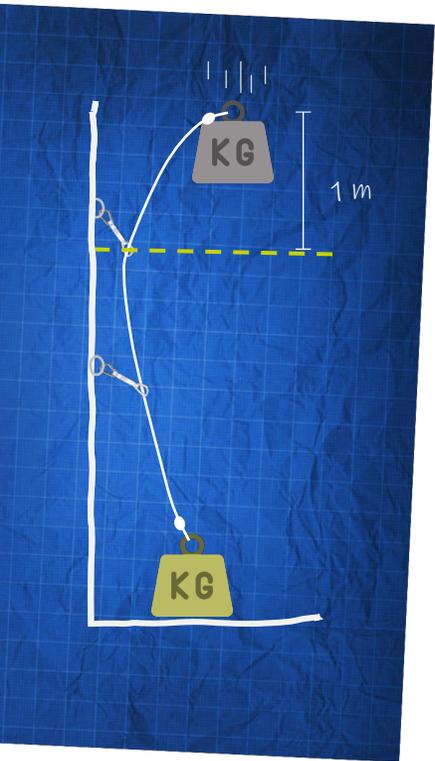
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...

???

- ✓ NO ONE HAS RESEARCHED THIS CLASS OF DEVICES AS MUCH AS WE HAVE.
- ✓ OF COURSE, WE ARE ALREADY FURTHER AHEAD THAN THE STATUS QUO: OHM...
- ✓ **SO, BEFORE OTHERS COME ALONG, WE WANT TO RAISE THE BAR A WHOLE LOT HIGHER.**

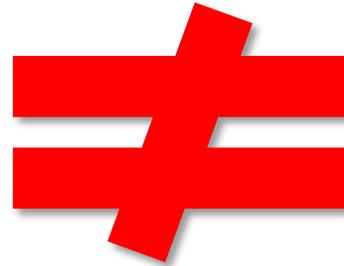


AND WE ALSO NEED TO AGREE ON A FEW THINGS



- ✓ URGENT NEED FOR A STANDARD FOR THESE DEVICES
- ✓ WORKING GROUP HAS ALREADY STARTED ON UIAA LEVEL
- ✓ WORKING GROUP IS FORMING ON CEN LEVEL
- ✓ THE SHOWN TEST SET-UP WILL BE THE BASE TO DETERMINE WEIGHT COMPENSATION LEVELS

! THE OHMEGA IS NOT AN OHM-UPGRADE !



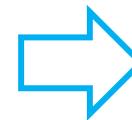
THE FOCUS IS SO MUCH BROADER!

OHMEGA | WHAT ABOUT THE OHM?

WEIGHT COMPENSATOR



WE KEEP THE OHM, AS WE SEE TWO DISTINCT DEVICES HERE!



BELAY ASSISTANT



- STURDY**
NO MOVING PARTS, ROCK SOLID
- SIMPLE**
- PERFECT FOR:**
 - Entrance to Intermediate Level Sports Climbing
 - Lead- and Top-Rope Climbing
 - Commercial Use-Cases (Gyms, Rental...)
- STILL KEEPS UP WITH ALL OTHER DEVICES**

„YOU WILL BE ABLE TO INHERIT THE OHM TO YOUR GRAND KIDS!“



ON STOCK:
AUGUST 2025

DEBRIEF | WHAT HAVE WE JUST WITNESSED?

ANOTHER GRIGRI MOMENT?

THE OHMEGA HAS THE POTENTIAL IN THE FUTURE TO BE USED BY EVERY ROPE PARTY INDEPENDENT OF DISCIPLINE, WEIGHT OR SKILL LEVEL!



2013



2016
2024



2019



2024



2024



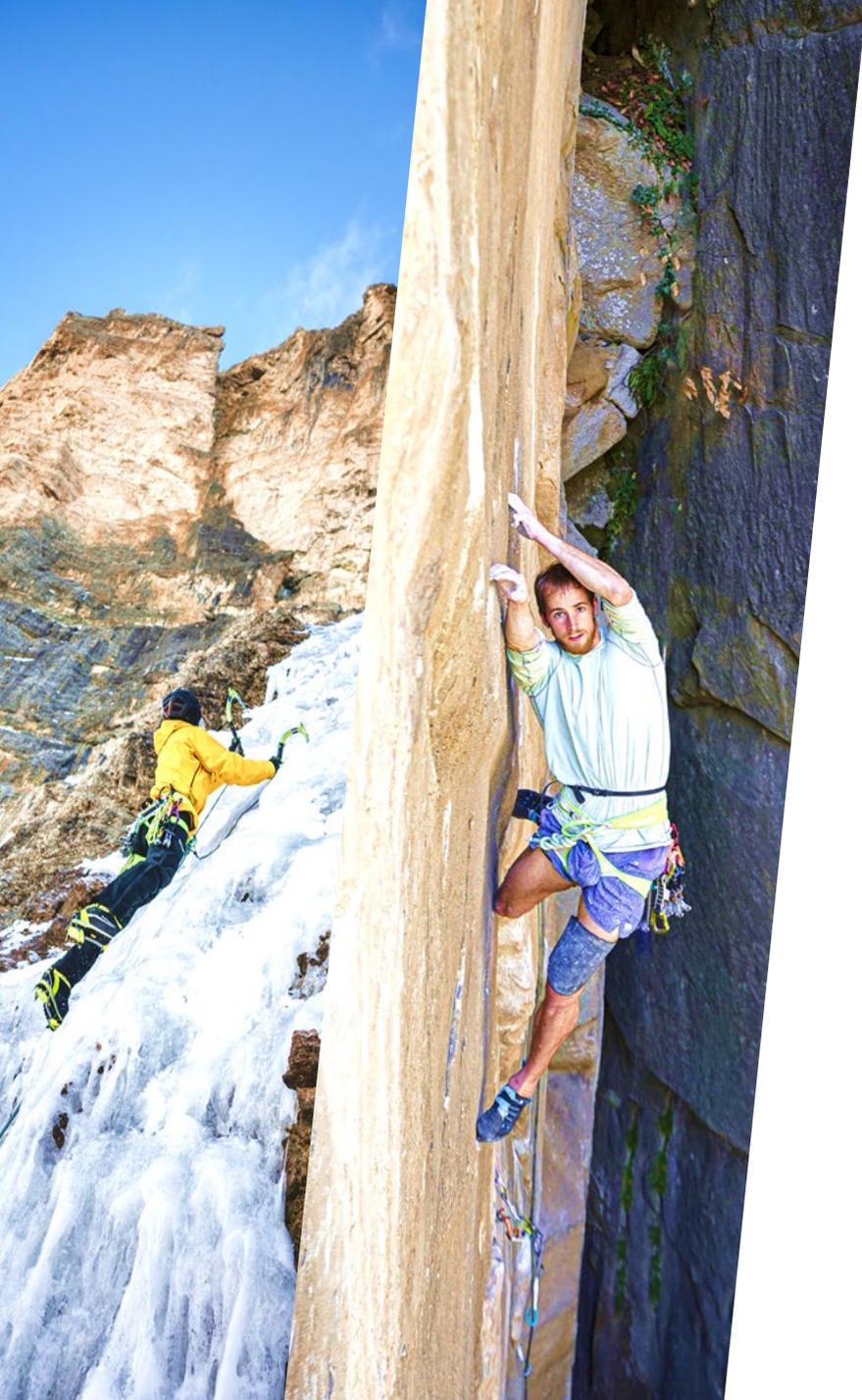
2025

NEVER WAS THE
LEAP BIGGER
THAN THIS...



20??





HOW CAN WE FREE MOVEMENT?

You have questions? Please contact us!

Any product-specific
questions.



Silvia Andres
Product Manager
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All other questions about
the OHMEGA.



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