





ARMBURY

At ARMBURY, we are all about healthy, freedom, adventure, athleticism and mental fortitude.

The vertical world never being static and ARMBURY is the dynamic force into it. We achieve this through relentless attention to quality and thoughtful innovation. Utilizing industry standard equipment and materials, ARMBURY has developed a better and more agile process for product production. Our team of expert climbers and professionals are in constant communication, to translate user's concepts into successful products with improvements of functionality.

We're passionate about climbing and the complexities of working at height and difficult access. We support our customers in these activities by building reliable, high quality products that meet or exceed the rigorous standards for safety assurance. Beyond the basic objective on quality even in most demanding conditions, we are committed to providing the exceptional experience of simplicity and ergonomic alongside the best cost effective and possible service.

When extreme matters.

ARMBURY TEAM

# STANDARDS

EN166	Personal eye protection		
EN341	Descender devices for rescue		
EN353	Guided type fall arresters		
EN354	Lanyards		
EN355	Energy absorbers		
EN358	Belts and lanyards for work positioning or restraint		
EN360	Retractable type fall arresters		
EN361	Full body harnesses	EN567	Rope clamps
EN362	Connectors	EN795	Anchor devices
EN388	Protection gloves against mechanical risks	EN813	Sit harnesses
EN397	Industrial safety helmets	EN892	Dynamic mountaineering ropes
EN420	Protective gloves	EN1496	Rescue lifting devices
EN564	Accessory cords	EN1497	Rescue harnesses
EN565	Tapes	EN1498	Rescue loops
EN566	Slings	EN1891	Low stretch kernmantel ropes
		EN12275	Connectors
		EN12277	Harnesses
		EN12278	Pulleys
		EN12492	Helmets for mountaineers
		EN12841	Rope access systems
		EN15151	Braking devices

## MEMBER OF



Industrial rope access has been developed by IRATA International for many years to a point where it is the chosen means of access for much of the work in the offshore oil and gas industry as well as a range of projects in construction, civil engineering, the built and natural environment and much more.



The International Climbing and Mountaineering Federation (UIAA) was founded in 1932 and has a global presence on six continents representing 90 member associations and federations in 67 countries. The UIAA promotes the growth and protection of mountaineering and climbing worldwide.



As a charitable organization directly funding specific projects, the 'not-for profit' association wants to show that the European outdoor industry is committed to putting something back into the environment, and all working together a real difference can be made.



<b>ROPES</b>	<b>7</b>
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<b>TACTICAL</b>	<b>55</b>

The Tree Care Industry Association (TCIA) is the foremost business management resource for tree care companies, providing tree care professionals with tools which can use every day to increase profits, lower training costs, retain quality employees, and stay a step ahead of continually evolving regulatory issues.



The Society of Professional Rope Access Technicians (SPRAT) is a member-driven organization that advances the safe use of rope access through education, standards development, and certification administration.



The International Powered Access Federation (IPAF) promotes the safe and effective use of powered access equipment worldwide in the widest sense - through providing technical advice and information; through influencing and interpreting legislation and standards; and through safety initiatives and training programmes.



# INNOVATIVE TECHNOLOGIES DRIVED BY ARMBURY

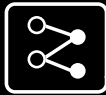


## THERMO SHEATH

Thermo sheath treatment is a standard treatment to all the dynamic and static ropes to bring component balance and better handling properties.

## SYNX

Unique physical treatment on both sheath and core during braiding process to minimize the rope slippage which significantly prolong the rope lifespan.



## MAXIM TENSION

Supreme tension management of each single yarn during the manufacturing stabilized the rope with a consistent balance. Thus gives the rope a better parameter, handling and durability.

## TBS

Twill braiding system enables each strand braided into the sheath separately. It increases the resistance to abrasion and improves the rope more compact and smoother.



## DRY PRO

The top level of dry treatment on both sheath and core by Teflon® layer. Water and dust repellence extend the lifespan of ropes. Meet the UIAA 101 requirement for water repellent test.

## DUOCOLOR

A permanent mid point made by change of color pattern during braiding process which is more safe and distinctive.



## INTERCORE

A security technology of bonding sheath and core by particular material to reach 0% slippage that ensures longer lifespan.

## MID POINT MARKING

The signal shows the middle of the rope for easy checking and safe improvement.



## READY HANK

Special hanking process ensures the dynamic ropes can be used immediately without uncoiling and flaking before climbing to extend its lifespan and save time and energy for climbers.



***ROPES***

## STATIC 9



A lightweight semi-static rope that offers good handling and flexibility. Ideal for canyon, rope access and other light rescue loads.



- 411211
- 411212

### EN1891

Diameter	9	mm
Tenacity	24.4	kN
Tenacity With Knots	15.6	kN
Impact Force	4	kN
No. of Falls	10	
Elongation	4.8	%
Shrinkage	2.3	%
Sheath Slippage	0	%
Sheath Percentage	41	%
Weight	54	g/m
Material	PA	

### TYPE B

## STATIC 10



The rope is particularly designed for canyon purpose. Based on its weight/breaking strength ratio, this rope can be used in many places.

### EN1891

Diameter	10	mm
Tenacity	29	kN
Tenacity With Knots	17.6	kN
Impact Force	5.2	kN
No. of Falls	7	
Elongation	4.1	%
Shrinkage	2.3	%
Sheath Slippage	0.2	%
Sheath Percentage	38	%
Weight	62	g/m
Material	PA	

### TYPE A



- 411221
- 411222

## STATIC 10.5



The most popular semi-static rope with excellent cost performance. The rope can be widely used for sports and vertical works.



- 411231
- 411232

### EN1891

Diameter	10.5	mm
Tenacity	29	kN
Tenacity With Knots	17.8	kN
Impact Force	5.1	kN
No. of Falls	9	
Elongation	4.5	%
Shrinkage	3.3	%
Sheath Slippage	0.1	%
Sheath Percentage	39	%
Weight	64	g/m
Material	PA	

### TYPE A

## STATIC 11



The rope with low elongation and high breaking strength gives good use on caving and other heavy duty use.



■ 411241  
□ 411242

### EN1891

Diameter  
Tenacity  
Tenacity With Knots  
Impact Force  
No. of Falls  
Elongation  
Shrinkage  
Sheath Slippage  
Sheath Percentage  
Weight  
Material

### TYPE A

11	mm
31	kN
19.2	kN
5.8	kN
16	
2.4	%
5	%
0.2	%
34	%
72	g /m
PA	

## STATIC 12



The thicker size rope designed to meet the needs for heaviest work. The high abrasion resistance alongside high number of falls make this toughest rope for any difficult tasks.

### EN1891

Diameter  
Tenacity  
Tenacity With Knots  
Impact Force  
No. of Falls  
Elongation  
Shrinkage  
Sheath Slippage  
Sheath Percentage  
Weight  
Material

### TYPE A

12	mm
38	kN
25	kN
5	kN
20	
3.2	%
4	%
0.3	%
37	%
87	g /m
PA	



■ 411251  
□ 411252

## STATIC 10.5 TPS



Semi-static rope made of polyester sheath for a better performance on the conditions of humidity, chemicals and UV rays. The common size remains the rope compatible with most mechanical gears.



411239  
411249

### EN1891

Diameter  
Tenacity  
Tenacity With Knots  
Impact Force  
No. of Falls  
Elongation  
Shrinkage  
Sheath Slippage  
Sheath Percentage  
Weight  
Material

### TYPE A

10.5	mm
25.5	kN
16	kN
5.9	kN
9	
3.2	%
-2	%
0.8	%
40	%
75	g /m
PA/PES	

## STATIC 11 TPS



Semi-static rope made of polyester sheath for a better performance on the conditions of humidity, chemicals and UV rays. The thicker size rope meet the demand of higher strength requirement.



411249

### EN1891

### TYPE A

Diameter	11	mm
Tenacity	28.5	kN
Tenacity With Knots	17.5	kN
Impact Force	5.9	kN
No. of Falls	10	
Elongation	3.5	%
Shrinkage	-2.5	%
Sheath Slippage	1	%
Sheath Percentage	38	%
Weight	78	g /m
Material	PA/PES	

## STATIC 10.5 INTERCORE



The semi-static rope manufactured with INTERCORE technology that significantly improves the connection between the sheath and core, reducing sheath slippage, and enhancing the rope's overall lifespan and performance.

### EN1891

### TYPE A

Diameter	10.5	mm
Tenacity	30.3	kN
Tenacity With Knots	19.5	kN
Impact Force	5.5	kN
No. of Falls	20	
Elongation	4.5	%
Shrinkage	3.1	%
Sheath Slippage	0	%
Sheath Percentage	42 / 58	%
Weight	72	g /m
Material	PA	



411201

## STATIC 11 INTERCORE



The semi-static rope manufactured with INTERCORE technology that significantly improves the connection between the sheath and core, reducing sheath slippage, and enhancing the rope's overall lifespan and performance.



411202

### EN1891

### TYPE A

Diameter	11	mm
Tenacity	32	kN
Tenacity With Knots	20.8	kN
Impact Force	5.6	kN
No. of Falls	20	
Elongation	4.5	%
Shrinkage	3.3	%
Sheath Slippage	0	%
Sheath Percentage	44 / 56	%
Weight	75	g /m
Material	PA	

## GUARDIAN 11



The aramid sheath makes resistance to heat possible. Together with the resistance to cutting and abrasion property, the ropes can be applied to fireman or army when there are emergency conditions.



411243

### EN1891

Diameter	11	mm
Tenacity	33.7	kN
Tenacity With Knots	21.4	kN
Impact Force	5.4	kN
No. of Falls	15	
Elongation	4.2	%
Shrinkage	1.2	%
Sheath Slippage	0	%
Sheath Percentage	62/38	%
Weight	84	g /m
Material	PA	

### TYPE A

## WARRIOR 10.5,11



High strength, low stretch and designed color make the rope suitable for police and army.

### EN1891

Diameter	10.5	11	mm
Tenacity	29	31	kN
Tenacity With Knots	17.8	19.2	kN
Impact Force	5.1	5.8	kN
No. of Falls	9	16	
Elongation	4.5	2.4	%
Shrinkage	3.3	5	%
Sheath Slippage	0.1	0.2	%
Sheath Percentage	39	34	%
Weight	64	72	g /m
Material	PA	PA	

### TYPE A



411237



411236



411248



411245

## CHASER 10.5,11



The rope with low elongation and high breaking strength gives good use on caving and other heavy duty use.



411234

### EN1891

Diameter	10.5	11	mm
Tenacity	29	31	kN
Tenacity With Knots	17.8	19.2	kN
Impact Force	5.1	5.8	kN
No. of Falls	9	16	
Elongation	4.5	2.4	%
Shrinkage	3.3	5	%
Sheath Slippage	0.1	0.2	%
Sheath Percentage	39	34	%
Weight	64	72	g /m
Material	PA	PA	

### TYPE A

## STATIC 9.6



Type A static rope designed by dedicated construction of three braided cores and plain braided sheath to ensure high performance on strength, slippage and sustainability. Ideal for using with rescue devices comply with EN341.



411282

### EN1891

	9.6	mm
Diameter	26.5	kN
Tenacity	16	kN
Tenacity With Knots	5.5	kN
Impact Force	12	
No. of Falls	3.5	%
Elongation	1.5	%
Shrinkage	0	%
Sheath Slippage	39	%
Sheath Percentage	64	g/m
Weight	PA	
Material		

### TYPE A

## GAMUT 11.5



A light weight arborist climbing rope designed for use with the newest mechanical devices. Thanks to the 24-strand double braid construction with polyester sheath and polyamide core, the rope performs well at flexibility and knotability to make it runs well in hardware and be good at footlocking. Tight eye spliced termination available.

### EN1891

	11.5	mm
Diameter	25	kN
Tenacity	17	kN
Tenacity With Knots	5.9	kN
Impact Force	20	
No. of Falls	3.3	%
Elongation	0.5	%
Shrinkage	0	%
Sheath Slippage	43 / 57	%
Sheath Percentage	93	g/m
Weight	Polyester / Polyamide	
Material		

### TYPE A



411279  
411270

## TREER 12



The 12mm arborist climbing rope has a tough and durable 16 strand polyester cover making the rope a better abrasion resistance with easy grip and knot-holding capability. Spliced loop available.



4112602  
4112692

### EN1891

	12	mm
Diameter	36	kN
Tenacity	20.8	kN
Tenacity With Knots	5.7	kN
Impact Force	20	
No. of Falls	4.1	%
Elongation	2	%
Shrinkage	0.4	%
Sheath Slippage	63	%
Sheath Percentage	100	g/m
Weight	PA/PES	
Material		

### TYPE A

## GIANT 11



Large diameter brings maximum safety with significant long lifespan. Designed for heavy use in training centers and emergency conditions.



- 411181
- 411182
- 411183

### EN892

1

Diameter	11	mm
Impact Force	9	kN
No. of Falls	14	
Static Elongation	6.9	%
Dynamic Elongation	32	%
Sheath Slippage	0.2	%
Sheath Percentage	40	%
Weight	73	%
Material	PA	g/m

## EDGE 10.5



Thanks to the thicker sheath with great abrasion resistance, the durable single rope designed for frequent use at indoor gym climbing and crags.

### EN892

1

Diameter	10.5	mm
Impact Force	9.1	kN
No. of Falls	10	
Static Elongation	8.5	%
Dynamic Elongation	33	%
Sheath Slippage	0.1	%
Sheath Percentage	33	%
Weight	66	g/m
Material	PA	



- 411171
- 411172
- 411173

## SUMMIT 10.2



Mixed of durability and handling. With the DRY PRO option, the rope can be almost the ultimate versatile. Suitable for rentals and climbing schools.



- 411161
- 411162
- 411163

### EN892

1

Diameter	10.2	mm
Impact Force	8.5	kN
No. of Falls	8	
Static Elongation	8.5	%
Dynamic Elongation	35	%
Sheath Slippage	0	%
Sheath Percentage	34	%
Weight	63	g/m
Material	PA	

## BLIZZARD 9.8



Designed for all-round climbers due to the balance of weight and durability, the waterproof treatment can be applied for a longer lifespan. Perfect for indoor and outdoor climbing.



- 411151
- 411152
- 411153
- 411154

### EN892

1

Diameter	9.8	mm
Impact Force	8.9	kN
No. of Falls	8	
Static Elongation	7.5	%
Dynamic Elongation	31	%
Sheath Slippage	0.1	%
Sheath Percentage	35	%
Weight	60	g/m
Material	PA	

## GYMASTER 9.7



Developed specifically for hard conditions of gym climbing and adventure parks where need more abrasion resistance and long lasting. The construction of compact sheath and braided core make the rope remain supple and round under every day use. The single rope also benefits from INTERCORE technology that bonds sheath to core for reduced slippage that increase the durability.

### EN892

1

Diameter	9.7	mm
Impact Force	9.1	kN
No. of Falls	5	
Static Elongation	6.8	%
Dynamic Elongation	28	%
Sheath Slippage	0	%
Sheath Percentage	36	%
Weight	64	g/m
Material	PA	



411191

## RAGE 9.4



A lightweight single rope designed for sport climbers. Based on smoother sheath and waterproof ability, it is ideal for both rock climbing and ice climbing.



- 411141
- 411142
- 411143
- 411144

### EN892

1

Diameter	9.4	mm
Impact Force	8.9	kN
No. of Falls	6	
Static Elongation	8.9	%
Dynamic Elongation	33	%
Sheath Slippage	0.1	%
Sheath Percentage	34	%
Weight	56	g/m
Material	PA	

## SALUTE 9



A hybrid rope can be used as single, half and twin rope. Thanks to the DRY PRO treatment, the rope increases the waterproof and abrasion resistance which extend the lifespan. The triple performance rope can be used at sport climbing, Alpine climbing and other adventure terrain routes.



- 411131
- 411132
- 411133

### EN892

	1	1/2	⊙	
Diameter	9	9	9	mm
Impact Force	9	6.6	10.1	kN
No. of Falls	5	18	25	
Static Elongation	6.9	6.9	6	%
Dynamic Elongation	31	29	27	%
Sheath Slippage	0	0	0	%
Sheath Percentage	34	34	34	%
Weight	54	54	54	g/m
Material	PA	PA	PA	

## MOUNTAL 8.3



Half and twine rope with great handling and knotability, along with lightweight and waterproof property, the ropes are recommended for classic climbing and ice climbing.

### EN892

	1/2	⊙	
Diameter	8.3	8.3	mm
Impact Force	6	9.9	kN
No. of Falls	7	20	
Static Elongation	8.5	6.5	%
Dynamic Elongation	30	27	%
Sheath Slippage	0.1	0.1	%
Sheath Percentage	41	41	%
Weight	43	43	g/m
Material	PA	PA	



- 411121
- 411122
- 411123

## OUZET 7.7



A light weight, easy to handle and DRY PRO treated half and twin rope suitable for ice climbing, Alpine adventure and mountain ski.



- 411111
- 411112
- 411113

### EN892

	1/2	⊙	
Diameter	7.7	7.7	mm
Impact Force	6.2	10	kN
No. of Falls	5	14	
Static Elongation	11.3	8.1	%
Dynamic Elongation	33	30	%
Sheath Slippage	0	0	%
Sheath Percentage	38	38	%
Weight	40	40	g/m
Material	PA	PA	

## WAL LITE

Both sheath and core are made of 100% high tenacity polypropylene, float on water and easy to handle. Together with high visibility color, good choice for water rescue application.



Diameter	8 mm	10 mm
Weight	28 g/m	51 g/m
Tenacity	6 kN	11 kN
Material	PP	PP
Product code	4114121 (15m) 4114128 (100m)	4114131 (15m) 4114138 (100m)

## WAL

The rope consists of polypropylene sheath for floatation and polyamide core for strength. This buoyant rope could use in specific conditions like flood and ice rescue.

Diameter	10 mm
Weight	51 g/m
Tenacity	19.1 kN
Material	PP/PA
Product code	4114231 (15m) 4114238 (100m)



## WAL PRO

Combined from Polypropylene sheath and HMPE core gives the rope with superior strength and very low stretch. These characteristics enables the rope meet extreme conditions.



Diameter	6mm	8 mm	10 mm
Weight	26 g/m	35 g/m	51 g/m
Tenacity	14.5 kN	25 kN	35 kN
Material	PP / HMPE	PP / HMPE	PP / HMPE
Product code	4114311 (15m) 4114318 (100m)	4114321 (15m) 4114328 (100m)	4114331 (15m) 4114338 (100m)

## ACCESSORY CORD



Multipurpose polyamide accessory cords come in a variety of diameter and colors. They can widely used for climbing, rescue, and utility applications due to excellent knotability.

Available on package length and roll length.

Warning: Accessory cords are not for use as climbing ropes.

Tip: The diameter of the accessory cords can be identified from 2mm to 6mm by the number of tracers.

Only size from 4mm to 8mm certified to EN564.

### EN564

Diameter	2	3	4	5	6	7	8	mm
Weight	3.6	6.5	11.8	17.5	24.4	31.1	41.4	g/m
Tenacity	1	2.5	3.2	7	9.5	12.9	20.4	kN
Material	PA	PA	PA	PA	PA	PA	PA	







***HELMETS***



## COMBI 397

Strong and comfortable helmet consists of ABS outer shell and EPS inner shell. Equipped with headlamp clips to secure the lighting and the buckle is designed with a safety release to break away between 15 and 25 kg. The UP/DOWN adjustable size system suited for men, women and kids. Very quick fastening and opening by designed release buckle. Adjustable headband and chinstrap ensures more comfortable. Recommended used for working at height, rescue and industrial.

5121111

 54 – 62 cm

 345 g


CE - EN 397

## DYNAMO VOLT

Professional shock-absorbing helmet consists of ABS outer shell and EPS inner shell. The outer shell is fully closed to protect against electrical risks and molten metal splash. Equipped with headlamp clips to secure the lighting and the buckle is designed with a safety release to break away between 15 and 25kg. The UP/DOWN adjustable size system suited for men, women and kids. Very quick fastening and opening by designed release buckle. Adjustable headband and chinstrap ensures more comfortable. Recommended used for working at height, rescue and industrial.

5121212

 54 – 62 cm

 390 g

CE - EN 397 - EN 50365



**COMBI VISOR - LC**  
5122111



**COMBI VISOR - SC**  
5122121



**DYNAMO VISOR - LC**  
5122211



**DYNAMO VISOR - SC**  
5122221



**DYNAMO VISOR - LT**  
5122212



**DYNAMO VISOR - ST**  
5122222



**MESH VISOR**  
5122311



**PELTOR OPTIME II**  
PELTOR OPTIME II for COMBI 397.  
5122411



**PELTOR OPTIME II HI VIZ**  
PELTOR OPTIME II HI VIZ for DYNAMO VOLT.  
5122421



REF.NR	MODEL	SIZE	MATERIAL	WEIGHT g	STANDARDS
5121111	COMBI 397	54 - 62	ABS	345	EN397:2012
5121212	DYNAMO VOLT	54 - 62	ABS	390	EN397:2012 EN50365:2002

REF.NR	MODEL	COLOR	MATERIAL	WEIGHT g	STANDARDS
5122111	LONG VISOR FOR COMBI 397	CLEAR	PC	75	EN166:2001
5122121	SHORT VISOR FOR COMBI 397	CLEAR	PC	65	
5122211	LONG VISOR FOR DYNAMO VOLT	CLEAR	PC	75	
5122221	SHORT VISOR FOR DYNAMO VOLT	CLEAR	PC	65	
5122212	LONG VISOR FOR DYNAMO VOLT	TONED	PC	75	
5122222	SHORT VISOR FOR DYNAMO VOLT	TONED	PC	65	



**HARNESSES**

## HORN FAST

Full adjustable and ergonomic harness with 5 attachment points, specially designed for work positioning and suspension. The harness is comfortable thanks to its reinforced padded waist belt and leg loops. Equipped with smart strap for securing chest ascender. 4 gear loops included and 2 horizontal straps placed on the shoulder straps for hooks temporary storage. 2 fast buckles on legs for easy dressing.

5111111 / 5111112

 XS-M / L-XXL

 2130 g / 2200 g

CE – EN361 - EN358 - EN813



## HORN

Full adjustable and ergonomic harness with 5 attachment points, specially designed for work positioning and suspension. The harness is comfortable thanks to its reinforced padded waist belt and leg loops. Equipped with smart strap for securing chest ascender. 4 gear loops included and 2 horizontal straps placed on the shoulder straps for hooks temporary storage.

5111211 / 5111212

 XS-M / L-XXL

 2070 g / 2150 g

CE – EN361 - EN358 - EN813



## SECURA

Ergonomic work harness with 2 attachment points (sternal and dorsal) for use in fall arrest system. Reflective strap on the back support to increase the visibility in dark workplace. Light alloy sternal ring and fast buckle make the harness easy to put on and off. Come with 2 gear loops on the waist belt. Can be combined with Rex belt for work positioning purpose.

5113213

 UNI

 1100 g

CE – EN361



## COMSA

Full body work harness with 2 attachment points (sternal and dorsal) for use in fall arrest system. Can be combined with Rex belt for work positioning purpose.

5113113

 UNI

 740 g

CE – EN361




## REX BELT

Work positioning waist belt with 2 side attachment points made of steel. Come with two gear loops and fast buckle for easy dressing. Can be combined with fall arrest harnesses Secura and Comsa.

5117111 / 5117112

 XS-M / L-XXL

 500 g / 580 g

CE – EN358



## DELTA RES

Evacuation triangle with shoulder straps designed for easy and rapid evacuation of an injured person. Equipped with shoulder straps for a better fitting.


5116133

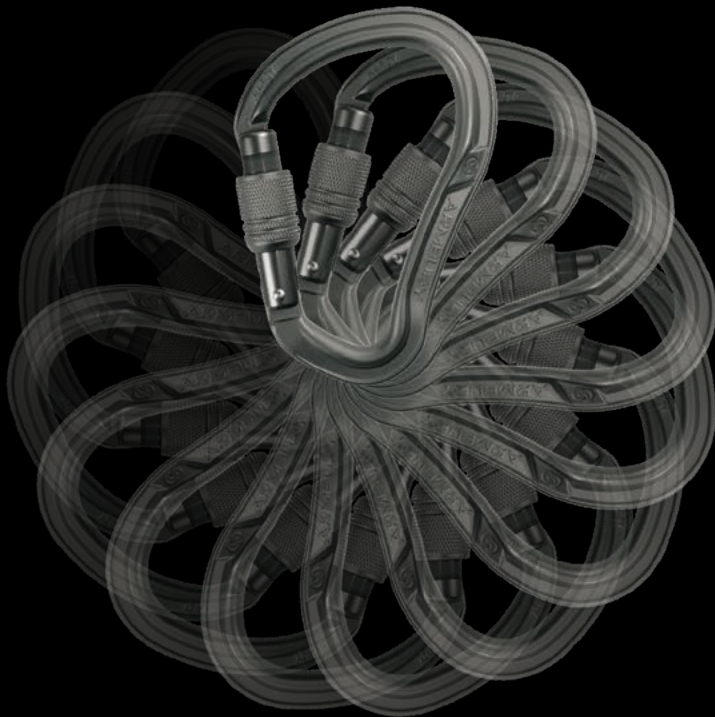
 UNI

 1170 g

CE – EN1497 – EN1498



REF.NR	MODEL	SIZE				MAX.LOAD kg	WEIGHT g	STANDARDS
			A (cm)	B (cm)	C (cm)			
5111111	HORN FAST	XS-M	70-110	45-65	160-180	140	2130	EN361:2002 EN358:2018 EN813:2008
5111112		L-XXL	80-130	55-75	175-200		2200	
5111211	HORN	XS-M	70-110	45-65	160-180	140	2070	EN361:2002 EN358:2018 EN813:2008
5111212		L-XXL	80-130	55-75	175-200		2150	
5113213	SECURA	UNI	70-130	45-75	160-200	140	1100	EN361:2002
5113113	COMSA	UNI	70-130	45-75	160-200	100	740	EN361:2002
5117111	REX BELT	XS-M	70-110			100	500	EN358:2018
5117112		L-XXL	90-130				580	
5116133	DELTA RES	UNI				150	1170	EN1497:2007 EN1498:2006



**CONNECTORS**

## HARDY

Large versatile pear-shaped HMS carabiners designed for multiple uses mainly for mountaineering and working at heights. Hot-forged I-Beam construction and ergonomic design make the carabiner balance of weight, strength and size. Large basket allow use with the M $\ddot{u}$ nter hitch or other belay devices. The red indicator or lock marking provides a visual warning when the carabiner is unlocked. Keylock nose avoid tangling during use. Each carabiner is individually tested for a strength of 10 kN and has an unique series number for better traceability and inspection.



### HARDY SG

4131214

 121 x 82 mm


28kN 10kN 8kN

 26 mm

 81 g

CE - EN12275 - EN362 - UIAA



### HARDY SGW

4131213

 121 x 82 mm


28kN 10kN 8kN

 26 mm

 83 g

CE - EN12275 - EN362 - UIAA



### HARDY TG

4131224

 121 x 82 mm


28kN 10kN 8kN

 26 mm

 86 g

CE - EN12275 - EN362 - UIAA



### HARDY AG

4131234

 121 x 82 mm


28kN 10kN 8kN

 26 mm

 86 g

CE - EN12275 - EN362 - UIAA

## DOMAIN

Large versatile D-shaped light alloy carabiners designed for anchors and rigging. The directional shape keeps the load along the major axis maximizing strength. The red indicator or lock marking provides a visual warning when the carabiner is unlocked. Large gate opening and keylock nose make clipping ropes and webbing easy. Each carabiner is individually tested for a strength of 10 kN and has an unique series number for better traceability and inspection.



### DOMAIN SG

4131314

 120 x 77 mm


28 mm

 82 g

CE - EN12275 - EN362 - UIAA



### DOMAIN TG

4131324

 120 x 77 mm


28 mm

 87 g

CE - EN12275 - EN362 - UIAA



### DOMAIN AG

4131334

 120 x 77 mm


28 mm

 87 g

CE - EN12275 - EN362 - UIAA

## OASIS

Full size oval-shaped light alloy carabiners designed to be used especially with pulleys, ascenders and descenders. Hot-forged I-Beam construction and ergonomic design make the carabiner balance of weight, strength and size. The symmetrical shape provides effective loading and the fully rounded bearing parts increase the lifespan of carabiner and rope. The red indicator or lock marking provides a visual warning when the carabiner is unlocked. Keylock nose avoid tangling during use. Each carabiner is individually tested for a strength of 10 kN and has an unique series number for better traceability and inspection.



### OASIS SG

4131414

 110 x 63 mm

 26 kN
  10kN
  8kN

 22 mm

 72 g

CE - EN12275 - EN362 - UIAA



### OASIS TG

4131424

 110 x 63 mm

 26 kN
  10kN
  8kN

 22 mm

 72 g

CE - EN12275 - EN362 - UIAA



### OASIS AG

4131434

 110 x 63 mm

 26 kN
  10kN
  8kN

 22 mm

 78 g

CE - EN12275 - EN362 - UIAA

## SOAK

Hot forged aluminum connector with double gate to ensure a high level safety and ease of use. Ideal for positioning lanyards.



### SOAK

5141111

 137 x 72 mm

 33 kN
  8kN
  12kN

 25 mm

 132 g

CE - EN12275 - EN362

## H60

Aluminum alloy connector with large opening and double gate system ensures a high level safety and ease of use. Ideal for using on metal structures.



### H60

5141222

 234 x 110 mm

 22kN

 60 mm

 470 g


CE - EN12275 - EN362

**D STEEL**


D-shaped steel carabiners available with screw lock gate and triple lock gate. Catch-free nose for smooth clipping and unclipping. Zinc-plated finish prevents rust from moist environment. Asymmetric shape significantly increases the strength. Ideal for industrial safety and rescue.


**D STEEL SC**

5141111

 119 x 78 mm

 53 kN
  16kN
  18kN

 27 mm

 261 g

CE - EN12275 - EN362 - UIAA

**D STEEL TR**

4132331

 119 x 78 mm

 53 kN
  16kN
  18kN

 26 mm

 279 g

CE - EN12275 - EN362 - UIAA

**O STEEL**

Oval shape steel carabiners available with screw lock gate and triple lock gate. Catch-free nose for smooth clipping and unclipping. Zinc-plated finish prevents rust from moist environment. Designed to be used with mobile devices like pulleys, ascenders and descenders.

**O STEEL SC**

4132411

 107 x 57 mm

 30kN
  16kN
  8kN

 17 mm

 179 g

CE - EN12275 - EN362 - UIAA

**O STEEL TR**

4132431

 107 x 57 mm

 30kN
  16kN
  8kN

 17 mm

 198 g

CE - EN12275 - EN362 - UIAA

## QUICK LINK STEEL OVAL



Manufactured from zinc plated steel. Used for fixed quick draws, industrial safety and rescue. Available in 8mm and 10mm.



### QUICK LINK OVAL 8MM

4132681

 74 x 34 mm

 <math>\langle \text{O} \rangle</math> 35kN  10kN

 11 mm



 79 g

CE - EN12275 - EN362

### QUICK LINK OVAL 10MM

4132691

 89 x 44 mm

 <math>\langle \text{O} \rangle</math> 55kN  10kN

 12 mm

 137 g

CE - EN12275 - EN362

## QUICK LINK D 10MM


Manufactured from zinc plated steel. Used for attach the harness for rope access or speleology.



### QUICK LINK D 10MM

4132891

 86 x 67 mm

 <math>\langle \text{D} \rangle</math> 45 kN  10 kN

 10 mm

 153 g

CE - EN12275 - EN362

## QUICK LINK DELTA


Manufactured from zinc plated steel. Used for attach the harness for rope access or speleology.



### QUICK LINK DELTA 8MM

4132581

 56 x 73 mm

 <math>\langle \text{D} \rangle</math> 27 kN  10 kN

 10 mm



 88 g

CE - EN12275 - EN362

### QUICK LINK DELTA 10MM

4132591





 66 x 87 mm

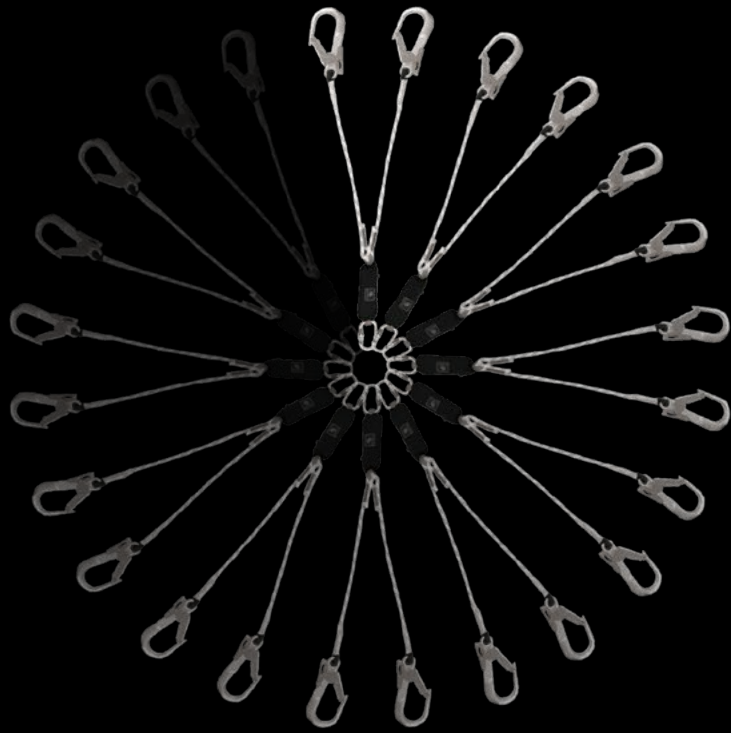
 <math>\langle \text{D} \rangle</math> 45 kN  10 kN

 12 mm

 153 g

CE - EN12275 - EN362

REF.NR	MODEL	 kN	 kN	 kN	 mm	MATERIAL	WEIGHT	EN12275 2013	EN362:2004
4131214	HARDY SG	28	10	8	26	AL	81	H	B
4131213	HARDY SGW	28	10	8	26	AL	83	H	B
4131224	HARDY TG	28	10	8	26	AL	86	H	B
4131234	HARDY AG	28	10	8	26	AL	86	H	B
4131314	DOMAIN SG	30	10	10	28	AL	82	B	B
4131324	DOMAIN TG	30	10	10	28	AL	87	B	B
4131334	DOMAIN AG	30	10	10	28	AL	87	B	B
4131414	OASIS SG	26	10	8	22	AL	72	B	B
4131424	OASIS TG	26	10	8	22	AL	72	B	B
4131434	OASIS AG	26	10	8	22	AL	78	B	B
4132311	D STEEL SC	53	16	18	27	S	261	B	B
4132331	D STEEL TR	53	16	18	26	S	279	B	B
4132411	O STEEL SC	30	16	8	17	S	179	B	B
4132431	O STEEL TR	30	16	8	17	S	198	B	B
5141111	SOAK	33	8	12	25	AL	132	T/K	A/T
5141222	H60	22			60	AL	470	T	A
4132681	QUICK LINK OVAL 8mm	35	10		11	S	79	Q	Q
4132691	QUICK LINK OVAL 10mm	55	10		12	S	137	Q	Q
4132581	QUICK LINK DELTA 8mm	27	10		10	S	88	Q	Q
4132591	QUICK LINK DELTA 10mm	45	10		12	S	153	Q	Q
4132891	QUICK LINK D 10mm	45	10		10	S	153	Q	Q



**LANYARDS**



## MAX

Compact and light weight energy absorber to be used with lanyards for a fall arrest purpose. Equipped with durable textile pouch helps the energy absorber from abrasion and potential contamination. Zipper on the pouch gained easy inspection.

5131111

 211 g

CE – EN355




## MAX - 1 00

Single lanyard constructed from 10.5mm polyamide static rope with a compact energy absorber designed for protection on a horizontal lifeline or other platforms.

5132132 / 5132142

Connectors – O steel SC + D steel SC

 160 cm / 200 cm

 731 g / 764 g

CE – EN355




## MAX - 1

Single lanyard constructed from 10.5mm polyamide static rope with a compact energy absorber designed for protection on a horizontal lifeline or other platform.

5132113 / 5132123 / 5132143

Connectors – O steel SC + H60

 100 cm / 150 cm / 200 cm

 913 g / 955 g / 998 g

CE – EN355





## MAX - 4

Double lanyards constructed from 10.5mm polyamide static rope with a compact energy absorber designed for protection on metal structures.

5132213 / 5132223/5132233

Connectors – O steel SC + 2 x H60

 100 cm / 150 cm / 200 cm

 1025 g / 1110 g / 1195 g

CE – EN355





## MAX - Y LARGE

Double lanyards constructed from 10.5mm polyamide static rope with a compact energy absorber designed for protection on metal structures.

5132214 / 5132224 / 5132234

Connectors – O steel SC + 2 x H110

 100 cm / 150 cm / 200 cm

 1525 g / 1610 g / 1695 g

CE – EN355



## POINT

Adjustable lanyard is used in work positioning system and available in 4 different lengths without terminal connectors. Fitted with sliding protective cover protects the rope from abrasion.

5133111 / 5133121 / 5133131 / 5133141

 2 m / 3 m / 4 m / 5 m

 450 g / 585 g / 675 g / 765 g

CE – EN358




## POINT SOAK

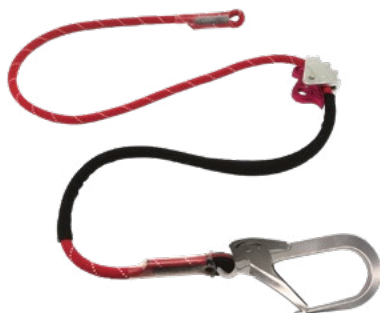
Adjustable lanyard is used in work positioning system and available in 4 different lengths with connector SOAK. Fitted with sliding protective cover protects the rope from abrasion.

5133112 / 5133122 / 5133132 / 5133142

 2 m / 3 m / 4 m / 5 m

 606 g / 696 g / 786 g / 876 g

CE – EN358



## POINT H60

Adjustable lanyard is used in work positioning system and available in 4 different lengths with connector H60. Fitted with sliding protective cover protects the rope from abrasion.

5133113 / 5133123 / 5133133 / 5133143

 2 m / 3 m / 4 m / 5 m

 956 g / 1046 g / 1136 g / 1226 g

CE – EN358



## STAK I

Lanyard for connecting and anchoring device made from 11mm static rope. Both ends of the rope are stitched and protected by plastic cover.

5133111 / 5133121 / 5133131 / 5133141

 60 cm / 80 cm / 120 cm / 150 cm

 22 kN

 108 g / 126 g / 160 g / 186 g

CE – EN354 – EN795/B




## STAK I ANCHOR

Lanyard for connecting and anchoring device made from 11mm static rope. Both ends of the rope are stitched and protected by plastic cover.

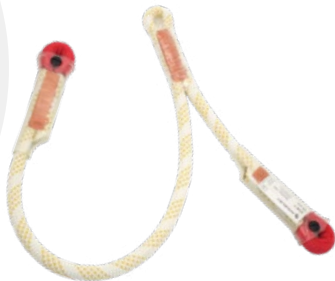
5134211 / 5134221 / 5134231 / 5134241 / 5134251 / 5134261 / 5134271 / 5134281 / 5134291

 2 m / 2.5 m / 3 m / 5 m / 10 m / 15 m / 20 m / 25 m / 30 m

 22 kN

 228 g / 270 g / 313 g / 483 g / 908 g / 1333 g / 1758 g / 2183 g / 2608 g


CE – EN795/B




## STAK 4

Lanyard for connecting and anchoring device made from 11mm static rope. Both ends of the rope are stitched and protected by plastic cover.

5134311 / 5134321 / 5134331

 30 + 45 cm / 30 + 65 cm / 100 + 100 cm

 22 kN

 127 g / 144 g / 234 g


CE – EN354 – EN795/B



## DYNK I

Lanyard for connecting and anchoring device made from 11 mm dynamic rope. The impact force can be decreased by its energy absorption capacity. Both ends of the rope are stitched and protected by plastic cover.

5135111 / 5135121 / 5135131 / 5135141

 60 cm / 80 cm / 120 cm / 150 cm

 22 kN

 114 g / 131 g / 165 g / 190 g

CE – EN354 – EN795/B

## DYNK 4



Lanyard for connecting and anchoring device made from 11 mm dynamic rope. The impact force can be decreased by its energy absorption capacity. Both ends of the rope are stitched and protected by plastic cover.

5135211

 35 + 65 cm

 22 kN

 145 g

CE – EN354 – EN795/B

REF.NR	MODEL	LENGTH cm	GATE OPENING mm	WEIGHT g	STANDARDS
5131111	MAX	22		211	EN355:2002
5132132	MAX – I OD	160	25	731	
5132142		200	25	764	
5132113	MAX – I	100	60	913	
5132123		150	60	955	
5132143		200	60	998	
5132213	MAX – Y	100	60	1025	
5132223		150	60	1110	
5132233		200	60	1195	
5132214	MAX – Y LARGE	100	110	1525	
5132224		150	110	1610	
5132234		200	110	1695	

REF.NR	MODEL	LENGTH cm	GATE OPENING mm	WEIGHT g	STANDARDS
5133111	POINT	200		450	EN358:2018
5133121		300		585	
5133131		400		675	
5133141		500		765	
5133112	POINT SOAK	200	24	606	
5133122		300	24	696	
5133132		400	24	786	
5133142		500	24	876	
5133113	POINT H60	200	60	956	
5133123		300	60	1046	
5133133		400	60	1136	
5133143		500	60	1226	

REF.NR	MODEL	LENGTH cm	STRENGTH kN	WEIGHT g	STANDARDS
5134111	STAK I	60	22	108	EN354:2010 EN795:2012-B
5134121		80		126	
5134131		120		160	
5134141		150		186	
5134211	STAK I	200	22	228	EN795:2012-B
5134221		250		270	
5134231		300		313	
5134241		500		483	
5134251		1000		908	
5134261		1500		1333	
5134271		2000		1758	
5134281		2500		2183	
5134291	3000	2608			
5134311	STAK Y	30 / 45	22	127	EN354:2010 EN795:2012-B
5134321		30 / 65		144	
5134331		100 / 100		234	
5135111	DYNK I	60	22	114	EN354:2010 EN795:2012-B
5135121		80		131	
5135131		120		165	
5135141		150		190	
5135211	DYNK Y	30 / 65	22	145	





## LORY SMART

Robust multi purpose device for use in industrial access and sport climbing applications. Its functionality spans the range from rope access and rescue descender device through semi-automatic belay device.

5152211

 10 mm – 12 mm

 10 – 12 mm – max. load 225 kg

 365 g


CE - EN12841/C – EN341/A - EN15151-1




## LIBERTY

Guided type fall arrestor with swiveling side plate. Smooth cam design reduces the abrasion to ropes under load.

5153111

 11 – 12 mm

 11 – 12 mm – max. load 100 kg

 174 g

CE - EN12841/A - EN353-2



## LIBERTY LANYARD

Lanyards with two attachment points to be used with the Liberty mobile fall arrestor. Available in length 20cm and 40cm.

5164111 / 5164121

 20 cm / 40 cm

 22 kN

 34 g / 53 g

CE - EN354 – EN795/B




## DSD PLUS

Self - braking descender with double locking positions. The longer rubber coated handle, curvy side plates allow a comfortable and reliable grip. The possibility of incorrect insertion of the rope is small and it will not result in a fall. A wear indicator was integrated into the pivoting pulley. The descending speed can be controlled at 2 m/s. Ideal for single and assisted descents, intervention techniques, evacuations, rescue, plain rope access as well as sport use.

5152111

 9mm – 12mm

 9 mm – max. load 130 kg , 10 – 12 mm – max. load 200 kg

 430 g

CE - EN12841/C – EN341/A

## FIGURE 8



4153131

 7.7 - 11 mm

 35 kN


 132 g

CE - EN15151-2

## FIGURE 8 RES



4153252

 9 - 16 mm


 40 kN

 299 g

CE - EN15151-2



4152111

 8 - 13 mm

 165 g

CE - EN567 - EN12841/B - UIAA

## LIFT



Light alloy hand ascender with ergonomic rubber grip for rope ascent. The stainless steel cam insures a high resistance to wear and tear. Eyelet at top for clipping a carabiner. Very simple and quick manipulation. Available in models for left hand and right hand. Ideal for climbing, rescue and rope access.

LIFT L 4152221 / LIFT R 4152232

 8 - 13 mm

 235 g

CE - EN567 - EN12841/B - UIAA



## TAST

Light alloy single pulley with fixed plates and brass bearings for quick pulley system installation. For use with ropes up to 12mm. Suited for hauling and load deviations.

4151111

 12 mm

 26 kN

 110 g

CE - EN12278 - UIAA



## SID

Light alloy single pulley with mobile plates and brass bearings for lighter weight applications. For use with ropes up to 12mm and accommodate up to two carabiners on the upper eyelet. Suited for hauling and rescue.

4151211

 12 mm

 20 kN

 115 g

CE - EN12278 - UIAA



## HURTH

Light alloy single pulley with mobile plates and brass bearings for multiple use. For use with ropes up to 16mm and accommodate up to three carabiners on the upper eyelet. Suited for heavy hauling and complex operations.

4151311

 16 mm

 30 kN

 270 g

CE - EN12278 - UIAA



## SENG

Light alloy double pulley with mobile plates and brass bearings for hosting of heavy loads. For use with ropes up to 16 mm and accommodate up to three carabiners on the upper eyelet and one in the lower eyelet. With bottom becket to use in complex block and tackle systems.

5151411

 16 mm

 30 kN

 490 g

CE - EN12278 - UIAA



## HEST

Light alloy double pulley with stainless steel wheels and ball bearings for intensive use on rope up to 13mm and steel cables up to 13mm. Large eyelet can accommodate up to three carabiners. Suited for using in adventure park or rescue.

4151521

 13 mm

 28 kN

 245 g

CE - EN12278 - UIAA



## VULCAN

The VULCAN pulley is specifically engineered to facilitate the smooth passage of joining knots. It features a large-diameter sheave equipped with sealed ball bearings, which ensures exceptional operational efficiency.

4151621

 8-19 mm

 40 kN

 893 g


CE - EN12278 - UIAA



## ASCOP

A foot loop made of durable HMPE rope for rope ascent. Adjustable in length with steel buckles. Ideal for mountaineering and caving.

4164111

 88 - 130 cm

 54 g



## FLADER

A foot ladder made of robust polyamide for aid climbing. 4 foot steps enforced with extra webbing for abrasion resistance.

4165111

 150 cm

 118 g




## MONTER


MONTER 6 to 1 pulley system has been designed for moving an injured person unweighted to transfer from suspension system to a rescue system.

MONTER rescue pulley system is NOT PPE. It must be used with complete fall arrest systems.

5183111 / 5183112

 1 m / 2 m

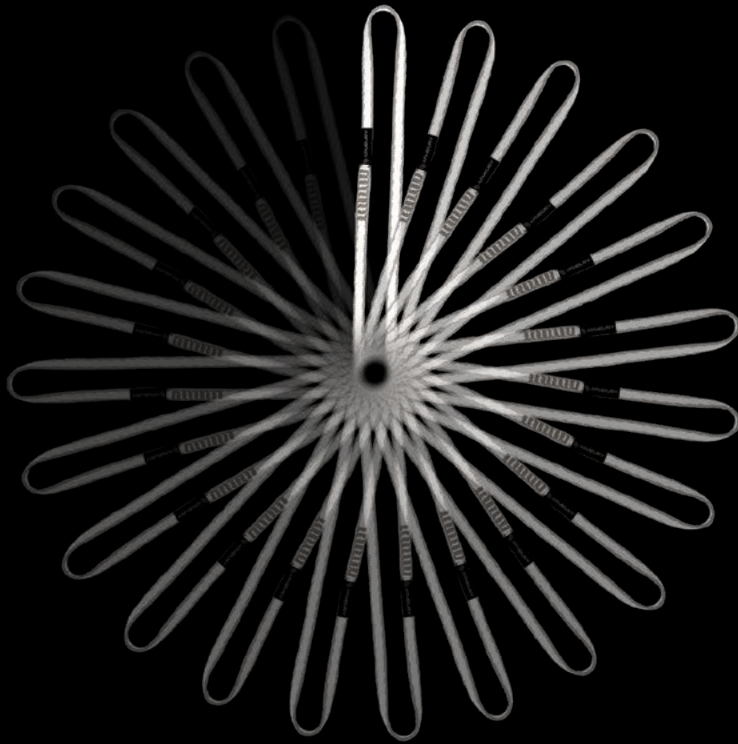
 6 kN

 535 g / 679 g

REF.NR	MODEL	ROPE SIZE mm	WEIGHT g	STANDARDS
4152111	ABOVE	8 - 13	165	EN567:2013 EN12841:2006-B
4152221	LIFT LEFT	8 - 13	235	
4152232	LIFT RIGHT	8 - 13	235	

REF.NR	MODEL	ROPE SIZE mm	STRENGTH kN	WEIGHT g	STANDARDS
4153131	FIGURE EIGHT	7.7 - 11	35	132	EN15151:2
4153252	FIGURE EIGHT RES	9 - 16	40	299	

REF.NR	MODEL	MAX.ROPE SIZE mm	CABLE mm	STRENGTH kN	WEIGHT g	STANDARDS
4151111	TAST	12	NO	26	110	EN12278:2007
4151211	SID	12	NO	20	115	
4151311	HURTH	16	NO	30	270	
4151411	SENG	16	NO	30	490	
4151521	HEST	13	YES	28	245	
4151621	VULCAN	19	YES	40	893	



***ANCHORS***



## OX SLING PA

16 mm robust polyamide sling are multiple used at belay station or runner extension. Available in different colors to match different lengths from 30 cm to 180cm.

4161241 / 4161252 / 4161263 / 4161271 / 4161282

 30 cm / 60 cm / 80 cm / 120 cm / 180 cm

 22 kN

 23 g / 42 g / 55 g / 80 g / 118 g

CE - EN566 - EN354 - EN795/B



## WORK SLING

Robust multi-use sling made of 25 mm polyamide webbing. The color webbing liner acts as wear indicator.

5161111 / 5161121 / 5161131 / 5161141 / 5161151 / 5161161

 30 cm / 60 cm / 80 cm / 120 cm / 150 cm / 180 cm

 38 kN

 49 g / 104 g / 142 g / 216 g / 271 g / 327 g

CE - EN354 - EN795/B



## EYE WORK SLING

Robust multi-use sling made of 25 mm polyamide webbing. The color webbing liner acts as wear indicator. Come with connecting buckle.

5161211 / 5161221 / 5161231 / 5161241

 60 cm / 80 cm / 120 cm / 150 cm

 45 kN

 123 g / 160 g / 235 g / 290 g


CE - EN354 - EN795/B



## FIXO

Robust webbing anchor fixed with steel rings both end. Ideal for constructing high - strength anchor.

5161311 / 5161321 / 5161331

 100 cm / 150 cm / 200 cm

 40 kN

 395 g / 488 g / 581 g

CE - EN354 - EN795/B



## FITO

Adjustable anchor strap with steel rings on each end. Ideal for a quick rigging point with variable length from 80 to 130 cm.

5161411

 80 - 130 cm

 25 kN

 414 g


CE - EN354 - EN795/B



## CAPA

An anchor loop to be used on the tree branches. The rings in different color and size applied for easy installation and removal and protect the tree from damage.

5161611 / 5161621 / 5161631

 90 cm / 120 cm / 150 cm

 25 kN

 220 g / 257 g / 298 g

CE - EN795/B



## HETY SLING

Engineered for maximum strength, our super heavy-duty sling integrates robust load-bearing yarns within a compact, protective tube. Ideal for critical applications like anchor slings and safety lanyards.

5161711 / 5161721 / 5161731 / 5161741

 50 cm / 100 cm / 150 cm / 200 cm

 100 kN

CE - EN354 - EN795/B



## HETY SLING WIRE

The heavy-duty anchoring device integrates a wound steel wire rope core within a protective tube, delivering greater mechanical durability than standard textile slings. Its unique inspection hole with a pocket allows for complete internal condition checks, ensuring ongoing safety and reliability.

5161712 / 5161722 / 5161732 / 5161742

 50 cm / 100 cm / 150 cm / 200 cm

 60 kN


CE - EN354 - EN795/B




## WESEN SLING

The eye to eye prusiks made from 50% aramid and 50% polyester results in a better heat and mechanical resistance. Widely used by arborists for self-locking hitch.

5163111 / 5163112 / 5163113 / 5163114 / 5163121 / 5163122 / 5163123 / 5163124

 8 mm - 70 cm / 8 mm - 80 cm / 8 mm - 90 cm / 8 mm - 100 cm / 10 mm - 70 cm / 10 mm - 80 cm / 10 mm - 90 cm / 10 mm - 100 cm

 8 mm - 18 kN / 10 mm - 22 kN

 67 g / 74 g / 81 g / 87 g / 88 g / 95 g / 103 g / 112 g


CE – EN566 – EN795/B




## WESEN LOOP

The prusik loops made from 50% aramid and 50% polyester results in a better heat and mechanical resistance. Suited for wide purpose for arborists.

5163211 / 5163212 / 5163213 / 5163221 / 5163222 / 5163223

 8 mm - 50 cm / 8 mm - 60 cm / 8 mm - 70 cm / 10 mm - 50 cm / 10 mm - 60 cm / 10 mm - 70 cm /

 8 mm - 25 kN / 10 mm - 27 kN

 70 g / 84 g / 97 g / 92 g / 109 g / 125 g


CE – EN566 – EN795/B



## CABLE ANCHOR

Temporary anchor made from 7mm galvanized steel cable with 16mm plastic tube and reinforced eyelets on both end. Used at the place where cut-resistant and anti-abrasion required.

5162111 / 5162121 / 5162131 / 5162141

 50 cm / 100 cm / 150 cm / 200 cm

 28 kN

 308 g / 490 g / 588 g / 784 g

CE – EN354 – EN795/B



## SWIVEL

Large size swivel with sealed ball-bearing prevents ropes from twisting and tangling even under load.

4154253

 35 kN

 152 g

CE - EN354

## VISO S



4154111

 35 kN  
 62 g

CE

## VISO M



4154121

 40 kN  
 236 g

CE

## VISO L



4154131

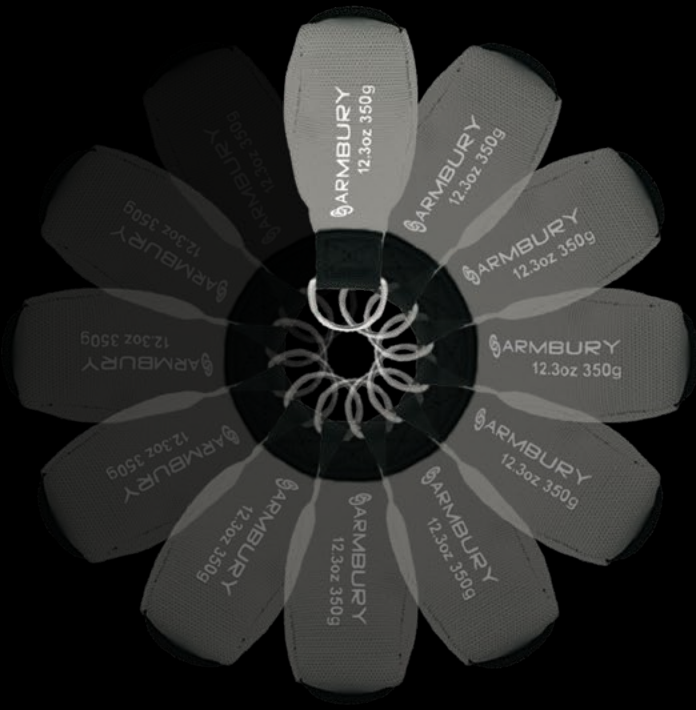
 45 kN  
 442 g

CE

REF.NR	MODEL	ROPE SIZE	LENGTH cm	STRENGTH kN	Weight g	STANDARDS
5163111	WESEN SLING	8	70	18	67	EN795:2012-B
5163112		8	80		74	
5163113		8	90		81	
5163114		8	100		87	
5163121		10	70	22	88	EN566:2017 EN795:2012-B
5163122		10	80		95	
5163123		10	90		103	
5163124		10	100		112	
5163211	WESEN LOOP	8	50	25	70	EN795/B:2012
5163212		8	60		84	
5163213		8	70		97	
5163221		10	50	27	92	EN566:2017 EN795:2012-B
5163222		10	60		109	
5163223		10	70		125	

REF.NR	MODEL	HOLE SIZE mm	STRENGTH kN	WEIGHT g	STANDARDS
4154253	SWIVEL		35	152	CE
4154111	VISO S	20	35	62	
4154121	VISO M	20	40	236	
4154131	VISO L	20	45	442	

REF.NR	MODEL	LENGTH cm	STRENGTH kN	Weight g	STANDARDS
4151241	OX SLING PA	30	22	23	EN566:2017 EN354:2010 EN795:2012-B
4151252		60		42	
4151263		80		55	
4151271		120		80	
4151282		180		118	
5161111	WORK SLING	30	38	49	EN354:2010 EN795:2012-B
5161121		60		104	
5161131		80		142	
5161141		120		216	
5161151		150		271	
5161161		180	327		
5161211	EYE WORK SLING	60	45	123	EN354:2010 EN795:2012-B
5161221		80		160	
5161231		120		235	
5161241		150		290	
5161611	CAPA	90	25	220	EN795:2012-B
5161621		120		257	
5161631		150		298	
5164111	LIBERTY LANYARD	20	22	34	EN354:2010 EN795:2012-B
5164121		40		53	
5161311	FIXO	100	40	395	EN354:2010 EN795:2012-B
5161321		150		488	
5161331		200		581	
5161411	FITO	80 - 130	25	414	EN354:2010 EN795:2012-B
5162111	CABLE ANCHOR	50	28	308	EN354:2010 EN795:2012-B
5162121		100		490	
5162131		150		588	
5162141		200		784	
5161711	HETY SLING	50	100	254	EN354:2010 EN795:2012-B
5161721		100		483	
5161731		150		738	
5161741		200		993	
5161712	HETY SLING WIRE	50	60	280	EN354:2010 EN795:2012-B
5161722		100		544	
5161732		150		790	
5161742					



# ACCESSORIES



## TOOL LANYARD

The bungee sling attached to harness prevents equipment damage, worker injury, and even loss of life from dropped tools.

5181111

 160 cm

 10 kg

 71 g



## TOOL LANYARD SET

The bungee sling attached to harness prevents equipment damage, worker injury, and even loss of life from dropped tools. New model with 3 interchangeable straps designed to attain a fast fit with most used tools.

5181211

 160 cm

 10 kg

 113 g



## PUNCHY HALF

The light weight glove made of quality leather with great durability and dexterity. The palm reinforced with double layers of leather and back made of breathable stretch nylon. Carabiner hole on the wrist for attaching to harness. Good choice for rappelling and belaying. Available on half finger and full finger.

4183111 / 4183112 / 4183113 / 4183114 / 4183115

 8 / 9 / 10 / 11 / 12

CE - EN388 - EN420



## PUNCHY

The light weight glove made of quality leather with great durability and dexterity. The palm reinforced with double layers of leather and back made of breathable stretch nylon. Carabiner hole on the wrist for attaching to harness. Good choice for rappelling and belaying. Available on half finger and full finger.

4183211 / 4183212 / 4183213 / 4183214 / 4183215

 8 / 9 / 10 / 11 / 12

CE - EN388 - EN420



## FORCE

The robust glove made of full quality leather with maximum durability. The palm reinforced with additional abrasion - resistant leather. Carabiner hole on the wrist for attaching to harness. Good choice for rappelling, belaying and intensive rope work.

4183221 / 4183222 / 4183223 / 4183224 / 4183225

 8 / 9 / 10 / 11 / 12

CE - EN388 - EN420

## ROPE PROTECTOR

Durable PVC sheath used to protect ropes against abrasion and sharp edge. Velcro fastening and attached loop to fix the position. Available in 4 lengths.



4184100 / 4184200 / 4184300 / 4184400

 50 cm / 70 cm / 100 cm / 120 cm



## GEAR BACKPACK

Made of waterproof and durable PVC material with padded shoulder straps, waist belt and back panel. Top cover with inner pocket and fast closing system with quick release clips. Transparent label pocket and strong side handle attached for easy transport. The gear backpack are intended for caving and rescue activities.

4185222

 45 L

 1170 g

## DUFFEL BAG

High-capacity duffel bag made of 500D PVC that is perfect for hauling work gears. Reinforced floor made of 900D polyester fabric. Can be used as a backpack with extra shoulder straps. Design of two daisy chains and transparent label pocket outside. Come with haul handles and two zipper pockets on both ends.



4185232

 70 L

 1180 g



## TIMBER THROW LINE

---

Light and flexible cord made of Dyneema® fiber. Thanks to the material and construction, the cord is super strong and easier handling.

5182111 / 5182112

 55 m / 305 m

 2 kN

 82 g / 457 g




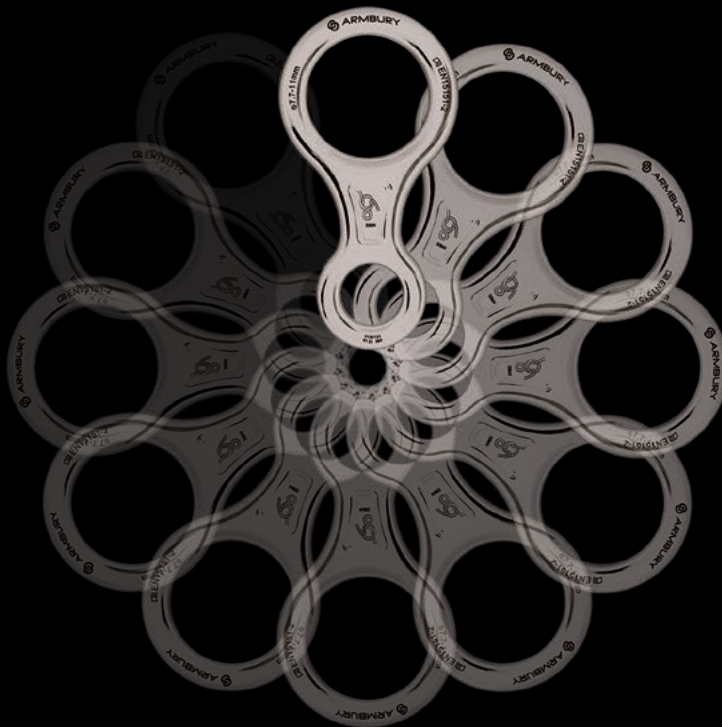
## TIMBER THROW BAG

---

Streamlined shape throw bag made of two - layer construction for durable use. Available in 250 g and 350 g.

5182211 / 5182222

 250 g / 350 g



**TACTICAL**

## HORN BLACK



5111221 / 5111222  
 XS-M / L-XXL  
 2070 / 2150 g  
 CE - EN361 - EN358 - EN813

## COMBI 397 BLACK



5121111  
 54 - 62 cm  
 345 g  
 CE - EN397

## STAK I BLACK



5133113 / 5133123 / 5133133 / 5133143  
 60 cm / 80 cm / 120 cm / 150 cm  
 22 kN  
 108 g / 126 g / 160 g / 186 g  
 CE - EN354 - EN795B

## STAK I ANCHOR BLACK



5134212 / 5134222 / 5134232 / 5134242 /  
 5134252 / 5134262 / 5134272 / 5134282 /  
 5134292  
 2 m / 2.5 m / 3 m / 5 m / 10 m /  
 15 m / 20 m / 25 m / 30 m  
 22 kN  
 228 g / 270 g / 313 g / 483 g / 908 g /  
 1333 g / 1758 g / 2183 g / 2608 g  
 CE - EN795B

## DYNK I BLACK



5135112 / 5135122 / 5135132 / 5135142  
 60 cm / 80 cm / 120 cm / 150 cm  
 22 kN  
 114 g / 131 g / 165 g / 190 g  
 CE - EN354 - EN795B

## STAK Y BLACK



5134311 / 5134321 / 5134331  
 30 + 45 cm / 30 + 65 cm / 100 + 100 cm  
 22 kN  
 127 g / 144 g / 234 g  
 CE - EN354 - EN795B

## DYNK Y BLACK



5135212  
 35 + 65 cm  
 22 kN  
 145 g  
 CE - EN354 - EN795B

## HING SC



4131211  
 118 x 76 mm  
 22kN 9kN 7kN  
 21mm  
 92 g  
 CE - EN12275 - EN362 - UIAA

## DOMES SC



4131311  
 112 x 75 mm  
 25 kN 10 kN 7 kN  
 22mm  
 84 g  
 CE - EN12275 - EN362 - UIAA

## ORBIT SC



4131411  
 111 x 62 mm  
 22 kN 8 kN 7 kN  
 16 mm  
 75 g  
 CE - EN12275 - EN362 - UIAA

## LORY SMART



5152211  
 10 mm – 12 mm  
 10 – 12 mm – max. load 225 kg  
 365 g  
 CE - EN12841/C – EN341/A - EN15151-1

## DSD PLUS



5152111  
 9mm – 12mm  
 9 mm – max. load 130 kg ,  
 10 – 12 mm – max. load 200 kg  
 430 g  
 CE - EN12841/C – EN341/A

## LIBERTY



5153111  
 11 – 12 mm  
 11 – 12 mm – max. load 100 kg  
 174 g  
 CE - EN12841/A - EN353 - 2

## LIBERTY LANYARD



5153211 / 5153221  
 20 cm / 40 cm  
 22 kN  
 34 g / 53 g  
 CE – EN354 – EN795/B

## FIGURE 8 BLACK



4153133  
 8 - 12 mm  
 35 kN  
 132 g  
 EN15151 - 2



## FIGURE 8 RES BLACK



4153253  
 9 - 16 mm  
 40 kN  
 299 g  
 EN15151 - 2

## ABOVE BLACK



4152113  
 8 - 13 mm  
 165 g  
 CE - EN567 - EN12841/B - UIAA




## TAST BLACK



4151112  
 12 mm  
 26 kN  
 110 g  
 CE - EN12278 - UIAA

## SID BLACK



4151212  
 12 mm  
 20 kN  
 115 g  
 CE - EN12278 - UIAA




## HURTH BLACK



4151312  
 16 mm  
 30 kN  
 270 g  
 CE - EN12278 - UIAA




## SENG BLACK



4151412  
 16 mm  
 30 kN  
 490 g  
 CE - EN12278 - UIAA



## WORK SLING BLACK



5161112 / 5161122 / 5161132 /  
 5161142 / 5161152 / 5161162  
 30 cm / 60 cm / 80 cm / 120 cm /  
 150 cm / 180 cm  
 38 kN  
 49 g / 104 g / 142 g / 216 g / 271 g /  
 327 g  
 CE - EN354 - EN795/B




## LIFT BLACK



4152223 / 4152233  
 8 - 13 mm  
 235 g  
 CE - EN567 - EN12841/B - UIAA

## EYE WORK SLING BLACK



5161212 / 5161222 / 5161232 / 5161242  
 60 cm / 80 cm / 120 cm / 150 cm  
 45 kN  
 123 g / 160 g / 235 g / 290 g  
 CE - EN354 - EN795/B

## VISO S BLACK



4154112  
 35 kN  
 62g  
 CE

## SWIVEL BLACK



4154252  
 35 kN  
 152 g  
 CE - EN354

## VISO M BLACK



4154122  
 40 kN  
 236 g  
 CE

## ROPE PROTECTOR



4184100 / 4184200 / 4184300 / 4184400  
 50 cm / 70 cm / 100 cm / 120 cm

## WARRIOR 11



EN1891

TYPE A

Diameter	11	mm
Tenacity	31	kN
Tenacity With Knots	19.2	kN
Impact Force	5.8	kN
No. of Falls	16	
Elongation	2.4	%
Shrinkage	5	%
Sheath Slippage	0.2	%
Sheath Percentage	34	%
Weight	72	g/m
Material	PA	

## FORCE



4183221 / 4183222 / 4183223 / 4183224  
 S / M / L / XL  
 CE - EN388 - EN420

## DUFFEL BAG



4185232  
 70 L  
 1180 g

## SCAFFOLDING

Scaffolding is one way to prevent a fall when working at height. The type of scaffolding should be selected to be suitable for the work. The process of building and dismantling of scaffolding requires a fall arrest system to control falling risks due to fall clearance distance, fall factor and even pendulum effect.



SECURA/COMBI 397/MAX Y/O STEEL SC/QUICK LINK OVAL 8MM/WORK SLING/CABLE ANCHOR/GEAR BACKPACK

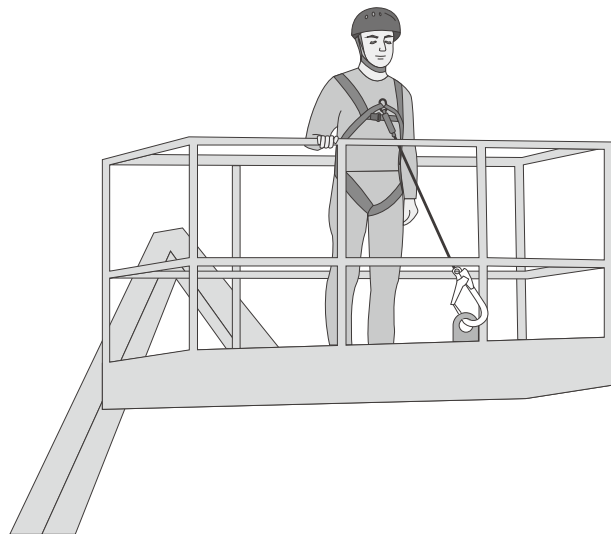


## PLATFORMS

Elevating work platforms are often used to the condition of work at heights. The operator always faces the risk of falling out of guard rails caused by the sudden oscillations. A full body harness and lanyard with shock absorber should be introduced to secure on the anchor points of platform.



COMSA/COMBI 397/MAX I/GEAR BACKPACK

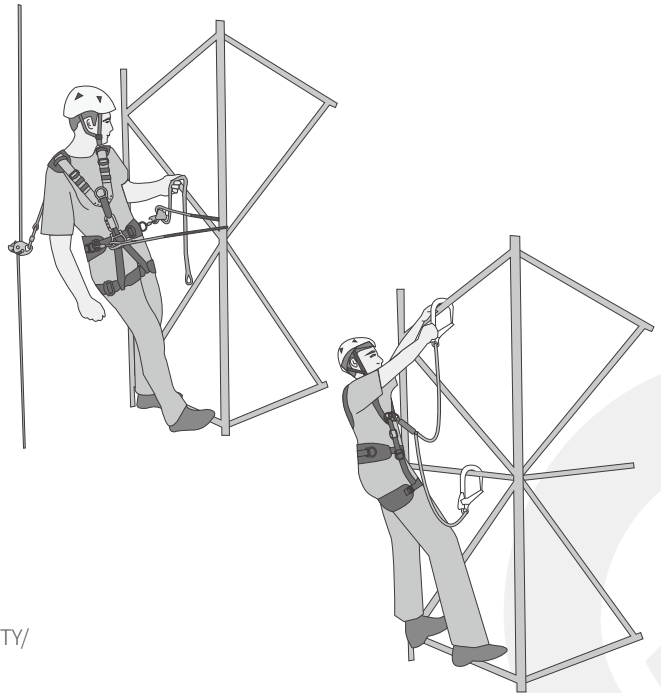


## TOWERS

Metal structures are normally used in the condition of work at height includes pylon, telecommunications equipment and high voltage towers. Fall arrest systems, work positioning systems and rope access may be applied on the workplace of tall structures to meet the fall protection purpose.



HORN/SECURA/REX BELT/DYNAMO VOLT/MAX Y/POINT SOAK/LIBERTY/  
STAK I ANCHOR

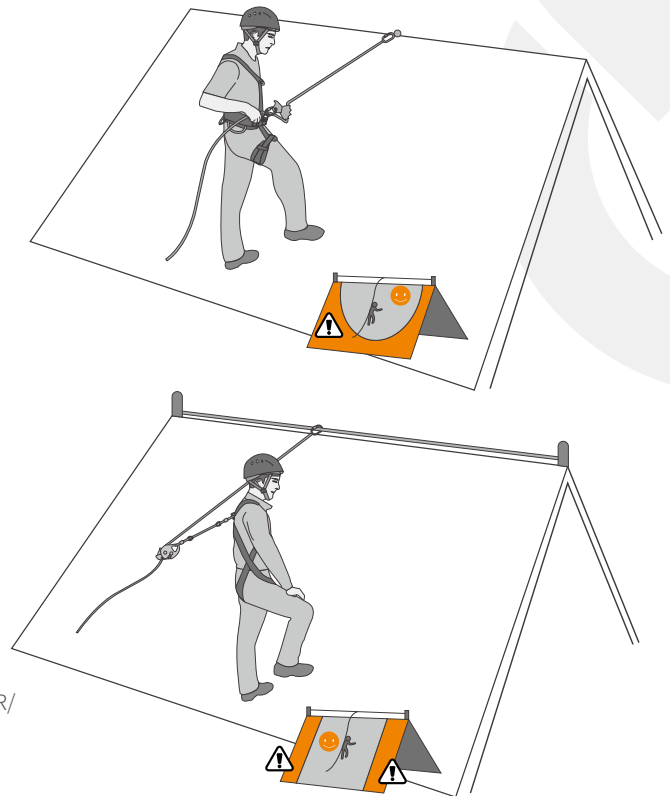


## ROOFS

Working on roofs for maintenance or construction is type of work situation, the risks of slipping and falling may be involved at the edge of the roof or breaking through the structure. A series safety systems of fall arrest and work positioning must be adapted to guard against these risks.



HORN/COMBI 397/MAX I OD/O STEEL/POINT/LIBERTY/STAK I ANCHOR/  
GEAR BACKPACK





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