



TACTICAL ACCESS HIGHLIGHTS



 **SKYLOTEC**

INTRODUCTION

SKYLOTEC is one of the world's leading brands for protective equipment and represented in over 100 countries. The family-owned company, which has been developing and manufacturing fall protection solutions in Germany for over 75 years, offers an extensive product range - from harnesses and helmets to lanyards and positioning ropes to abseiling and rescue equipment. Users in the field of industrial work at height, rescue teams and aid organisations, alpine mountaineering, sport climbing as well as police and military units rely on this equipment.

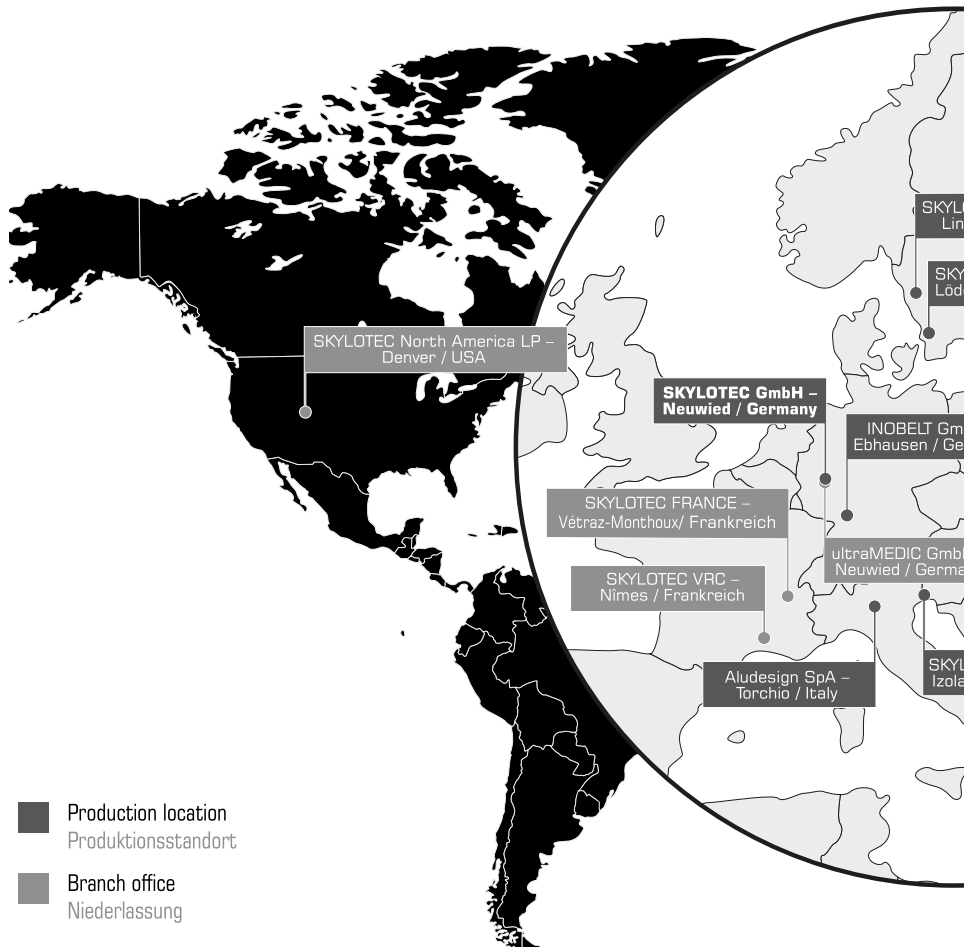
Founded in 1947, SKYLOTEC has upheld a steadfast quality philosophy. Our brand ethos revolves around delivering equipment that seamlessly integrates safety, functionality, user-friendliness, and superior comfort. Leveraging decades of expertise in protective equipment development and production, we remain committed to providing unparalleled solutions.

Through our specialised business unit, LEAF (Law Enforcement and Armed Forces), we extend our 75 years of expertise to furnish military and police units worldwide with cutting-edge tactical access solutions. Recent acquisitions of brands such as „ActSafe“ (powered ascenders), „Swedish Entry Tools“ (breaching equipment and training solutions), „Climbing Technology“ (sport climbing and mountaineering gear), alongside our „NEPTUNE“ electric poles and „NANO“ grapnel launcher, further solidify SKYLOTEC's position as the foremost producer of tactical access products across maritime, mountain, and urban terrains.

The SKYLOTEC group's global presence makes the complete range of products, training and services easily accessible to customers worldwide. SKYLOTEC currently employs over 950 people worldwide and has its own production facilities in Germany, Italy, Hungary, Romania, Sweden and Slovenia as well as branches all over the world.

Welcome to SKYLOTEC!

Swedish Entry Tools joined the SKYLOTEC group in March 2024



INTRODUCTION

TACTICAL PRODUCTS FOR MARITIME OPERATIONS

SKYLOTEC offers suitable equipment covering low and high-level boarding operations and can provide tailored trainings with experienced trainers. SKYLOTEC's team of ex-service and industry members along with its supporting partners, can supply complete access solutions for marine applications. The range of telescopic poles, ladders, launchers, grapnel hooks, and ActSafe Power Ascenders are combined for efficiency, allowing for reduced operational exposure and maximum safety.



TACTICAL PRODUCTS FOR URBAN OPERATIONS

SKYLOTEC's heritage of industry and sport access products have been adapted, by ex-servicemen, to allow urban tactical teams the necessary equipment and knowledge for covert climbing, ascending, and descending when accessing buildings and structures. When organising an OP or planning a vertical assault for both covert and overt scenarios, the range of manual and electric ascenders, descenders, carabiners, harnesses, telescopic poles, ladders, grapnel hooks, breaching tools, and launchers give a wide range of options.



TACTICAL PRODUCTS FOR OPERATIONS IN MOUNTAIN TERRAIN

The range of subdued coloured mountaineering and climbing products offers a complete access catalogue for the alpine environment. Using the knowledge from both manufacturers and ex-military instructors has allowed SKYLOTEC to specifically create a range of equipment for tactical climbing operations covering ascending, descending, lead climbing, hauling, rescue, and work positioning. The focus on high-quality, lightweight equipment has been at the forefront of the product range conception.



Contact us directly:

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https://www.skylotec.com/eu_en/tactical/

POWER ASCENDERS

ACTSAFE TCX II SEAL ASSAULT/ ACTSAFE TCX II SEAL FORCE

POA-011/ POA-012

All the TCXII ascenders feature an upgraded variable rope grab system for increased performance on approved ropes with a diameter range of 6 to 11 mm. Designed to be used in a maritime environment, they are watertight up to a depth of 10 m (33 ft) for a maximum of 4 hours (IP68).

- TCXII SEAL ASSAULT: for tactical diving operations
- TCXII SEAL FORCE: for heavy lifting in a marine environment



ACTSAFE TCX II URBAN ASSAULT/ ACTSAFE TCX II URBAN FORCE

POA-013/ POA-016

All the TCXII ascenders feature an upgraded variable rope grab system for increased performance on approved ropes with a diameter range of 6 to 11 mm. Designed to be used for any land based and urban operations, they are water resistant up to a depth of 1 m (3.3 ft) for a maximum of 30 minutes (IP67).

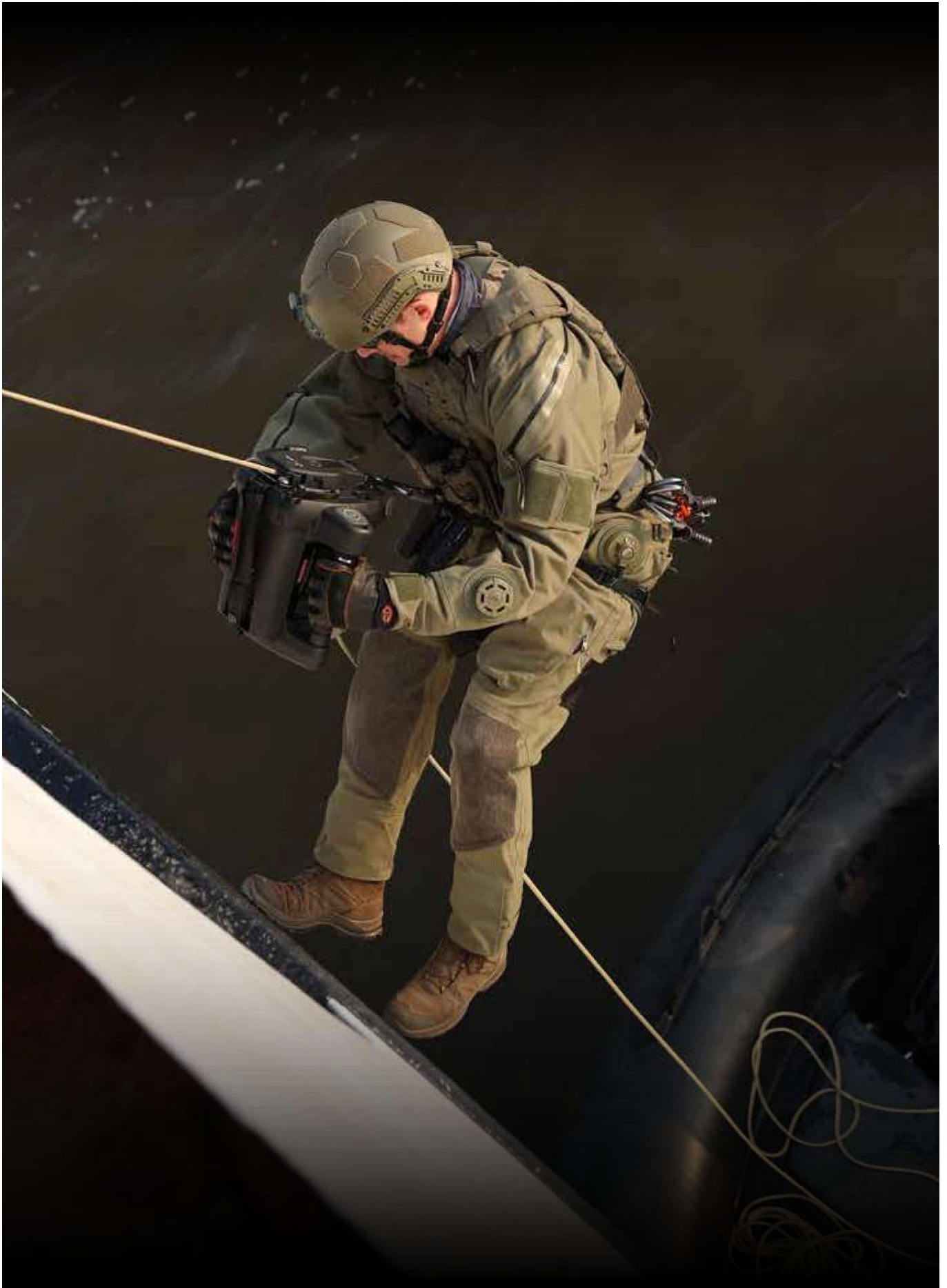
- TCXII URBAN ASSAULT: for fast ascent speeds
- TCXII URBAN FORCE: for land-based heavy lifting operations



TECHNICAL DATA										
Product	art no									
ACTSAFE TCX II SEAL ASSAULT	POA-011	approved 6 - 11 mm ropes	150 kg/ 330 lbs	0-100 m/ min 0-328 ft/ min *	495 m at 100 kg/ 1624 ft at 220 lbs	90 min	-10 °C to 40 °C/ 14 °F to 104°F	14.0 kg/ 30.9 lbs	33 x 28 x 27 cm/ 13 x 11 x 10.6 in	up to 150 m/ 492.1 ft
ACTSAFE TCX II SEAL FORCE	POA-012	approved 6 - 11 mm ropes	250 kg/ 550 lbs	0-24 m/ min 0-78 ft/ min *	600 m at 100 kg/ 1969 ft at 220 lbs	90 min	-10 °C to 40 °C/ 14 °F to 104°F	13.3 kg/ 29.3 lbs	33 x 28 x 27 cm/ 13 x 11 x 10.6 in	up to 150 m/ 492.1 ft
ACTSAFE TCX II URBAN ASSAULT	POA-013	approved 6 - 11 mm ropes	150 kg/ 330 lbs	0-100 m/ min 0-328 ft/ min *	495 m at 100 kg/ 1624 ft at 220 lbs	90 min	-10 °C to 40 °C/ 14 °F to 104°F	14.0 kg/ 30.9 lbs	33 x 28 x 27 cm/ 13 x 11 x 10.6 in	up to 150 m/ 492.1 ft
ACTSAFE TCX II URBAN FORCE	POA-016	approved 6 - 11 mm ropes	250 kg/ 550 lbs	0-24 m/ min 0-78 ft/ min *	600 m at 100 kg/ 1969 ft at 220 lbs	90 min	-10 °C to 40 °C/ 14 °F to	13.3 kg/ 29.3 lbs	33 x 28 x 27 cm/ 13 x 11 x 10.6 in	up to 150 m/ 492.1 ft

* Performance with high capacity battery.

POWER ASCENDERS



POLES & HOOKS

NEPTUNE ELECTRIC POLE

BOR-001/ BOR-002/ BOR-003

The electric pole NEPTUNE is a high reaching, quick deployment solution for maritime and urban access teams. With the system you can attach a titanium hook with accuracy as the electric motor provides the user with instant speed but also maximum control. The motor unit is intuitive to use and has a simple built-in manual override system. NEPTUNE uses a standard Bosch battery which is available worldwide. The folding stabiliser handle makes transport and storage easier and can be instantly folded down for operational use when required. The 6 section telescopic pole is constructed using high strength carbon fibre.



TECHNICAL DATA								
Product	art no			mat				NSN
NEPTUNE ELECTRIC POLE	BOR-001	closed 3.05 m/ 10.0 ft	extended 12 m/ 39.4 ft	carbon fibre 6 sections	84 mm / 3.3 in	16 kg/ 35.3 lbs	4.5 sec	5130-22-637-4414
	BOR-002	closed 3.71 m/ 12.2 ft	extended 16 m/ 52.5 ft			19 kg/ 41.9 lbs	6.5 sec	5130-22-637-4417
	BOR-003	closed 4.38 m/ 14.4 ft	extended 20 m/ 65.6 ft			23 kg/ 50.7 lbs	8.5 sec	5130-22-637-4418

POLES & HOOKS

TANGO ROD HOOK

BOR-019/ BOR-032

The SKYLOTEC TANGO hooks are optimised for use with the fibre net ladder and are available in two different hook opening sizes. The hooks can be used with our range of electric and manual carbon telescopic poles. The hooks provide multiple ladder connection points, so the fibre net ladder stays flat against the target and is fully supported during the climb. The hooks offer class leading arch load strengths allowing multiple users to climb simultaneously.

- manufactured from grade 5 titanium rod for maximum strength and reduced weight
- three ladder attachment points for use with the fibre net ladders
- the hook arms are supplied with a high strength heat shrink to improve grip and sound deadening properties



SIERRA FLAT TITANIUM HOOK

BOR-011/ BOR-012/ BOR-013 / BOR-014/ BOR-028

The SKYLOTEC SIERRA hooks are available in five different sizes and can be used with our range of electric and manual carbon telescopic poles. The hooks offer class leading arch and point load strengths allowing multiple users to climb simultaneously. The shape of the hook has been optimised to allow for different target sizes to be secured keeping the hook on target while in use. The range of sizes allows for different mission scenarios.

- bolt on handle available, providing a higher continuation of the ladder
- internal arch has CNC'd pattern to increase surface friction
- material cover available, to improve sound deadening properties when in use



TECHNICAL DATA					
Product	art no				NSN
TANGO ROD HOOK	BOR-019	241 mm/ 9.5 in hook	1.65 kg/ 3.64 lbs	arch load: 3100 kg/ 6834 lbs point load: —	4030-22-6374-332
	BOR-032	280 mm/ 11 in hook	1.99 kg/ 4.39 lbs	arch load: 3100 kg/ 6834 lbs point load: —	—
SIERRA FLAT TITANIUM HOOK	BOR-011	65 mm/ 2.5 in hook	0.37 kg/ 0.82 lbs	arch load: 4700 kg/ 10362 lbs point load: 800 kg/ 1764 lbs	5340-22-637-4435
	BOR-012	127 mm/ 5 in hook	0.52 kg/ 1.15 lbs	arch load: 4800 kg/ 10582 lbs point load: 800 kg/ 1764 lbs	5340-22-637-4438
	BOR-013	178 mm/ 7 in hook	0.95 kg/ 2.09 lbs	arch load: 4500 kg/ 9921 lbs point load: 600 kg/ 1323 lbs	5340-22-637-4457
	BOR-014	241 mm/ 9.5 in hook	1.28 kg/ 2.82 lbs	arch load: 4500 kg/ 9921 lbs point load: 450 kg/ 992 lbs	5340-22-637-4458
	BOR-028	280 mm/ 11.0 in hook	1.82 kg/ 4.01 lbs	arch load: 4500 kg/ 9921 lbs point load: 350 kg/ 772 lbs	4030-22-637-4363

FLIP CQB



FLIP CQB

MOE-010/ MOE-011-2

The FLIP is a lightweight and user-friendly distraction shooting device. This revolutionary apparatus has transformed the approach of Law Enforcement and Armed Forces during Close Quarters Battle (CQB). Bridging the gap between traditional flashbang grenades and 40 mm flashbang grenades, the FLIP enhances team mobility and extends the reach of distractions to previously inaccessible areas.

Attaching the FLIP to a rifle's Picatinny rail is effortless, thanks to its quick-lock mechanism. This feature ensures swift and secure deployment of distractions, allowing users to maintain aim without compromising weapon readiness.

Fitted with two distraction charges, boasting an effective range of 20 metres and a 1-second delay on detonation, the FLIP can be rapidly reloaded by exchanging the spent barrel with a preloaded one in a matter of seconds.



TECHNICAL DATA				
Product	art no	mat		i
FLIP CQB LAUNCHER	MOE-010	76 g/ 0.17 lbs	63 x 45 x 40 mm/ 2.48 x 1.77 x 1.57 in	compatible with MIL-STD 1913 picatinny rail and NATO STANAG 4694 rail
AMMO - 2 X BANG WITH A ONE SECOND DELAY	MOE-011-2	51 g/ 0.11 lbs	65 x 18 x 38 mm/ 2.56 x 0.71 x 1.50 in	20 m effective range 160 dB bang

NANO GRAPNEL LAUNCHER



NANO GRAPNEL LAUNCHER BOR-025

- Range:
- 6 mm rope: > 50 m (ideal for user with TCX II SEAL ASSAULT)
 - can be used with any fiber rope or fibre ladder (range varies with payload)
 - small size and easy to operate
 - simple to use; even in wet, dark and cold conditions; wearing thick gloves
 - for covert operations in urban or maritime environments
 - safe transportation and operations
 - very low recoil



TECHNICAL DATA			
Product			
NANO GRAPNEL LAUNCHER	BOR-025	85,0 cm/ 33.5 in	Launcher 5.1 kg/ 11.2 lbs Canister 0.7 kg/ 1.5 lbs Grapnel 0.9 kg/ 2.0 lbs

HARNESSES

HURRICANE

G-1197-COLOUR-SIZE

Introducing the Hurricane line of modular rope access harnesses, tailored for police and military use as a tribute to the iconic British WWII fighter plane. Characterised by a robust yet lightweight design, the Hurricane harness is ideal for professionals. Its detachable top, reinforced with webbing attachment points, enhances durability while reducing weight. Featuring a unique padding system on the waist belt and leg pads, it ensures exceptional comfort. With a laser-cut MOLLE system on both the waist belt and leg pads, the Hurricane harness offers versatility for integrating additional equipment. Key features include:

- memory foam padding for enhanced comfort
- narrow webbing construction for reduced weight without compromising strength
- designed to be worn over a plate carrier for unrestricted movement
- optimised for peak performance in demanding operational conditions



TECHNICAL DATA								
Product	art no							
HURRICANE MULTICAM	G-1197-CAMO-S/M G-1197-CAMO-M/L G-1197-CAMO-L/XL		S-M M-L L-XL	70-110 cm 80-125 cm 95-145 cm	56- 80 cm 60- 85 cm 64- 95 cm	1.53 kg/ 3.4 lbs 1.62 kg/ 3.6 lbs 1.69 kg/ 3.7 lbs	140 kg/ 309 lbs	EN 358:2018, EN 361:2002, EN 813:2008
HURRICANE NATO GREEN	G-1197-NATO-S/M G-1197-NATO-M/L G-1197-NATO-L/XL		S-M M-L L-XL	70-110 cm 80-125 cm 95-145 cm	56- 80 cm 60- 85 cm 64- 95 cm	1.53 kg/ 3.4 lbs 1.62 kg/ 3.6 lbs 1.69 kg/ 3.7 lbs		
HURRICANE BLACK	G-1197-SW-S/M G-1197-SW-M/L G-1197-SW-L/XL		S-M M-L L-XL	70-110 cm 80-125 cm 95-145 cm	56- 80 cm 60- 85 cm 64- 95 cm	1.53 kg/ 3.4 lbs 1.62 kg/ 3.6 lbs 1.69 kg/ 3.7 lbs		

HARNESSES

DOG HARNESS SYSTEM

ACS-1200/ ACS-1201/ ACS-1202

The SKYLOTEC dog harness system comprises a modular K-9 vest, equipped with enhanced back leg support to facilitate prolonged lifting operations. Rigorous testing has been conducted to guarantee an optimal combination of factors, including a complete range of movement, effective harness loading/ support and maximum comfort. This ensures peak performance during various insertion and extraction operations involving manual rope ascent/ decent, ActSafe TCX assisted and helicopter access techniques.

The harness is available in three distinctive material colours, multicam, black, and coyote and provides users with a selection of three sizes, allowing them to tailor the configuration to their specific K9 requirements. Featuring front and rear lifting/ attachment points connected by a lifting bridle with a central attachment point, the harness offers versatility across various setups and techniques. The rear leg loops are supplied in a mesh bag and can be fitted as required.



TECHNICAL DATA

Product	art no			
DOG HARNESS SYSTEM	ACS-1200-S/M ACS-1200-M/L ACS-1200-L/XL		S-M M-L L-XL	1.18 kg/ 2.60 lbs 1.20 kg/ 2.65 lbs 1.23 kg/ 2.71 lbs
	ACS-1201-S/M ACS-1201-M/L ACS-1201-L/XL		S-M M-L L-XL	1.18 kg/ 2.60 lbs 1.20 kg/ 2.65 lbs 1.23 kg/ 2.71 lbs
	ACS-1202-S/M ACS-1202-M/L ACS-1202-L/XL		S-M M-L L-XL	1.18 kg/ 2.60 lbs 1.20 kg/ 2.65 lbs 1.23 kg/ 2.71 lbs

LADDERS

WIRE LADDER

BOR-020-6/ BOR-020-12/ BOR-020-16/ BOR-020-20

The SKYLOTEC WIRE LADDER is a robust high strength ladder option for maritime and urban climbing scenarios allowing for multiple climbers. The ladder can be used with our range of titanium hooks and offers increased corrosion resistance and durability over our fibre ladder options. The top two ladder rungs are a larger diameter, increasing user grip and confidence for the transition to the target vessel. Optional lightweight bolt on stand offs, provide rung access even when the ladder is flat against the target. The ladders are individually serial numbered for easy identification and traceability.

- larger top two rungs for increased grip when transitioning to the target
- hard anodised, aircraft aluminium rungs provide superior strength
- knurled rungs for increased grip in maritime environments

Break loads:

- rung strength center: 803 kg/ 1770 lbs
- rung side slip: 657 kg/ 1448 lbs
- ladder side wire: 1100 kg/ 2425 lbs
- ladder end to end: 2118 kg/ 4669 lbs



FIBRE LADDER NET

BOR-023-6/ BOR-023-12/ BOR-023-16

The SKYLOTEC FIBRE LADDER NET is a lightweight multiple user ladder; wide enough to have two people climb side by side. The ladder has no metal parts in the construction and achieves its strength using lightweight carbon fibre rungs encapsulated in polyester webbing. The ladders are nonconducting and present no radar signal. The ladder has a triple attachment point at the top to be used specifically with the TANGO N titanium hooks, providing a more stable setup.

- width enables two people climb side by side
- nonconducting material
- lightweight

Break loads:

- rung spacing 300 mm/ 11.81 in
- rung strength center BL 710 kg/ 1565 lbs
- top attachment Loop BL 2120 kg/ 4674 lbs



TECHNICAL DATA				
Product	art no		kg	NSN
WIRE LADDER	BOR-020-6	6 m/ 19.7 ft	1.69 kg/ 3.73 lbs	2090-22-637-4333
	BOR-020-12	12 m/ 39.4 ft	3.38 kg/ 7.45 lbs	2090-22-637-4334
	BOR-020-16	16 m/ 52.3 ft	4.51 kg/ 9.94 lbs	2090-22-637-4335
	BOR-020-20	20 m/ 65.6 ft	5.64 kg/ 12.43 lbs	2090-22-637-4337
FIBRE LADDER NET	BOR-023-6	6 m/ 19.7 ft	4.50 kg/ 9.92 lbs	2090-22-637-4351
	BOR-023-12	12 m/ 39.4 ft	9.00 kg/ 19.84 lbs	2090-22-637-4353
	BOR-023-16	16 m/ 52.3 ft	12.00 kg/ 26.55 lbs	2090-22-637-4354

DESCENDERS

SPARK TACTICAL

A-057

SPARK TACTICAL is developed for permanent use under the toughest conditions. The product version developed especially for tactical operations combines the advantages of the best abseiling devices for industrial and rescue use. SPARK TACTICAL is characterised in particular by the conception without anti-panic-function, which enables fast, precise and uninterrupted abseiling. Versatile rope diameters from 9- 11mm in combination with 250 kg user weight makes the SPARK TACTICAL the natural choice for smooth interventions. Intuitive and simple rope handling, while the carabiner on the harness can remain connected to the device, the well thought-out ergonomics and the precise operation of the lever allow for the best handling. Thanks to the sophisticated rope guide inside the device, the rope is protected against twisting and kinking as well as heavy wear.

- fast, precise, uninterrupted abseiling possible without anti-panic-function
- outstanding handling thanks to compact, ergonomic design and intuitive rope guide
- durable and robust: 100% metal construction



without anti-panic-function

TECHNICAL DATA

Product	art no	kg		§		max	max	m/s		mat
SPARK TACTICAL	A-057	510 g/ 1.1 lbs	47 x 79 x 175 mm/ 1.9 x 3.1 x 6.9 in	EN 12841:2006/C, EN 15151-1:2012, EN 341:2011/2A	30 - 200 kg/ 66 - 441 lbs	250 kg/ 551 lbs	2	2 m/s	9 - 12 mm	aluminium, steel

DESCENDERS & HARDWARE

BE UP

A-064-SW

Multiuse belay/ abseil device with innovative and compact design. Intuitive and easy to use, the BE UP has a modular braking system to optimise braking with all types of rope and allow the auto-locking and independent belaying of two second climbers.



TECHNICAL DATA					
Product	art no				
BE UP	A-064-SW	94 x 87 x 40 mm/ 3.7 x 3.4 x 1.6 in	EN 15151-2:2012 TYPE 4, UIAA	single ropes: 8.5 - 10.5 mm half/ twin ropes: 7.3 - 9.0 mm	85 g/ 0.2 lbs

CRIC

H-280-SW

4 in 1. Compact and intuitive. Essential for rope work and rescue. Multi-functional rope clamp with pulley, which can be used as ascender, pulley, rope clamp/pulley or recovery pulley.



TECHNICAL DATA						
Product	art no					
CRIC	H-280	68 x 93 x 29 mm/ 2.7 x 3.7 x 1.1 in	140 kg/ 309 lbs	CE 0333 EN 567:2013	EN 1891 / EN 892 / EN 564 8 ÷ 12 mm	Working load limit: 4 kN
				CE 0333 EN 12841:2006-B	EN 1891-A 10 ÷ 12 mm	Maximum rated load: 100 kg/ 220 lbs
				CE 0333 EN 12278:2007	EN 1891 / EN 892 / EN 564 ≤ 11 mm	Maximum guaranteed strength: 20 kN 

DESCENDERS & HARDWARE

OVX

H-299-STG

Ergonomic and compact. Wear-resistant. Ideal for limited manoeuvring spaces. Small oval hot-forged light alloy connector with screw or trilock gate. Designed for rope work, work at height and rescue.



TECHNICAL DATA									
Product	art no	mat				kg		S	i
OVX TG	H-298-TG	ANODIZED LIGHT ALLOY	95 x 58 mm/ 3.7 x 2.3 in	TRIPLEX	17 mm/ 0.7 in	60 g/ 0.1 lbs	24 / 9 / 7 kN	CE 0333, EN 12275:2013-B, EN 362:2004-B	 

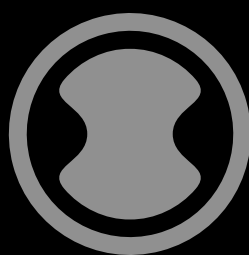
ROLLNLOCK

H-336-SW

3 in 1. Small and ultralight. Ideal for rope work, rescue and self-rescue. Multi-purpose device that can be used as an ascender, pulley or hauling pulley.



TECHNICAL DATA							
Product	art no		kg	S			i
ROLLNLOCK	H-336-SW	69 x 35 x 30 mm/ 2.7 x 1.4 x 1.2 in	85 g/ 0.2 lbs	CE 0333 EN 12841:2006-B	EN 1891-A 10 ÷ 13 mm	Working load limit: 4 kN	
				CE 0333 EN 567:2013	EN 1891 / EN 892 / EN 564 8 ÷ 13 mm	Maximum rated load: 100 kg/ 220 lbs	
				CE 0333 EN 12278:2007	EN 1891 / EN 892 / EN 564 ≤ 13 mm	Maximum guaranteed strength: 20 kN 10 10	



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Technical modifications reserved

NCAGE NUMBERS:

Skylotec Nordic AB	A707N
Skylotec GmbH	C2941
Skylotec North America	89T61

