SAFEGUARDING ON TOP OF TRUST

YOUR PROTECTION AT WORK

EDITION 2021-2022

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HOATER

ABOUT US

Hangzhou Hetai Security & Protection Co.,Ltd was established in 2010. Located in Hangzhou. We are a professional personal security products manufacturer, mainly produce full body safety harness, safety rope ,fall arrester and tripod. We have created our own brand “HOATER”. Our products are exported to all over the world, such as Europe, North America, Southeast Asia, Africa, The Middle East and so on.

We strictly follow with ISO9001:2015, CE/EN and ANSI/CSA standards. We have advanced dynamic test machine, salt spray test machine and R&D personnel. All our products was individually inspect by QC.

Security is our promise, we are famous for the research and development, innovation technology, we will improve our quality and design actively.

We also provide professional ODM and OEM service, try our best to be your partner, and create a better future together, security is the priceless goods, this is the motive force for our grown and improvement.

OUR PRODUCTION AND TEST EQUIPMENT

CREEL

WEBBING MAKING MACHINE

KERNMANTLE ROPE MACHINE

SINGLE YARN STRENGTH TESTING MACHINE

PROOF LOAD TESTING MACHINE

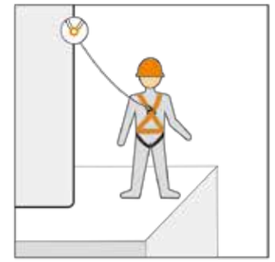
AUTOMATIC WEBBING CUTTING MACHINE

FALL ARREST TESTING MACHINE

BROTHER SEWING MACHINE

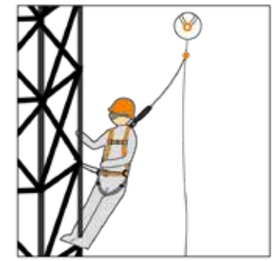
SALT SPRAY TESTING MACHINE

EN361	Personal protective equipment against falls from a height-Full body harness.
EN358	Personal protective equipment for work positioning and prevention of falls from a height-Belts for work positioning and restraint and work positioning lanyards.
EN813	Personal fall prtection equipments-sit harness.
EN355	Personal protective equipment against falls from a height-Energy absorbers.
EN354	Personal protective equipment against falls from a height-lanyards.
EN353-2	Personal protective equipment against falls from a height-Part2:Guided type fall arresters including a flexible anchor line.
EN795	Personal fall protection equipment-Anchor devices.
EN1891	Personal protective equipment for the prevention of falls from a height-Low stretch kernmantel ropes.
EN892	Mountaineering equipment-Dynamic mountaineering ropes-Safety requirements and test methods.
EN564	Mountaineering equipment-Accessory cords.
EN360	Personal protective equipment against falls from a height-Retractable type fall arresters.
EN12841	Personal fall protection equipment-Rope access systems-Rope adjustment devices.
EN12278	Mountaineering equipment-Pulleys-Safety requirements and test methods.
EN362	Personal protective equipment against falls from a height-Connectors.



Restraint System

A restraint system prevents crashed by restricting the movement range for the user. A restraint system shall be designed to prevent the user from reaching areas where there is a risk of falls. It's not intended to absorb falls.



Work Position System

The work position systems are intended for work positioning or for restraint to prevent the operator from reaching hazardous areas.

Fall Arrest Systems

A fall arrest system is intended to reduce the impact force on the user in case of fall.It's made of an anchor point,a full body harness and a connecting fall arrest sub system.

Rope access systems

Rope access systems allow the user by leaning into the system or hanging in the system to get to the work position and therefore determine that a free fall is prevented or delayed.

Rescue system

A rescue system intended for self rescue or to rescue an operator in case of a fall.

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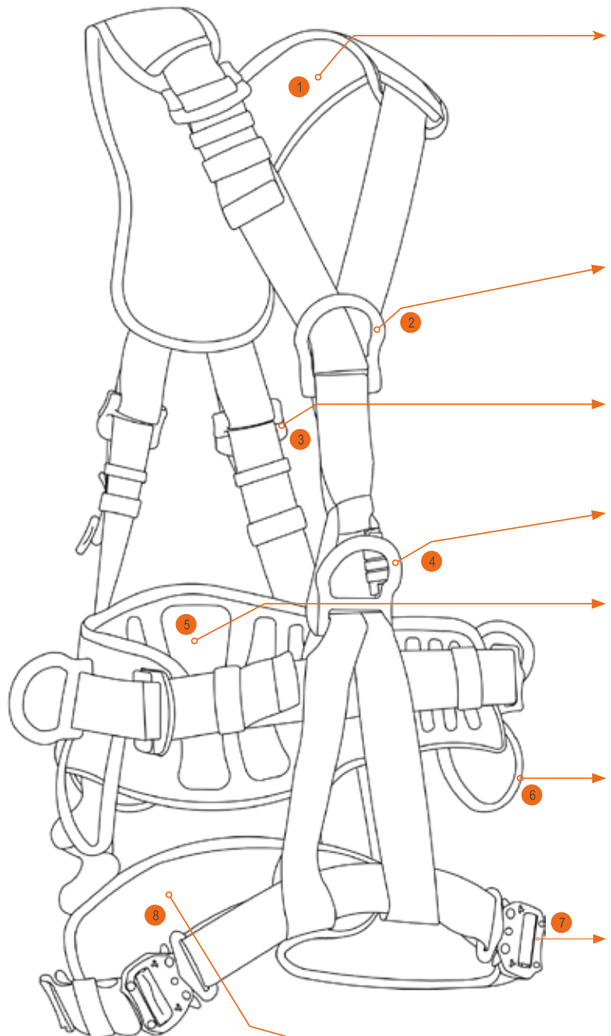


1.Super Comfortable Eva Material Shoulder Padding Provides Maximum Comfort When Working At Height.

2.The Chest D-ring Is An Attachment Point For Fall Arrest According To EN361.

3.Adjusting Buckle Could Move The Webbing To The Most Suitable Size For Each User.

4.The D-ring Is An Attachment Point For Fall Protective According To EN813.

5.Super Comfortable Eva Material Wide Waist Belt Padding Provides Maximum Comfort When Working At Height.

6.Tool Loops In Waist Position Belt Made Of Polyester , To Be Used With Hand Tools Of Max Weight 2 Kg Per Loop.

7.Automatic Buckles On The Legs Loops Make The Harness Quick And Easy To Put On And Take Off.

8.Super Comfortable Eva Material Leg Belt Padding Provides Maximum Comfort When Working At Height.

HT-331QR

HT-331

HT-327

HT-328

HT-316QR

HT-316Y

HT-316T

HT-321

HT-320

HT-319

HT-315

HT-318

HT-317

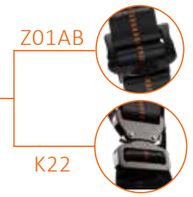
HT-336

HT-311

HT-339Y

HT-339

HT-721



HT-331QR

Fall arrest and work positioning and sit harness

●Full body harness with 2 attachment points for fall arrest :1 sternal aluminum D-ring and 1 dorsal aluminum D-ring according to EN361,2 side aluminum D-ring for work position according to EN358, 1 ventral aluminum D-ring according to EN813.

●Full body harness have 9 pcs steel adjustable buckles and 1 pcs steel oval ring and 1 pcs aluminum ascender and 1 steel carabiner.

●Super comfortable EVA material waist padding belt, shoulder padding and leg padding provides maximum comfort when working at height.

●Open the ventral carabiner and back steel buckle remove the shoulder strap could make a sit harness.

●4 pcs tool loop in waist position belt made of polyester, maximum load capacity per loop 2 kg.

REF.	Size	Legs	Waist	Height	CE		
		cm	cm	cm	EN 358	EN 361	EN 813
HT-331QR	M-L	45-65	70-110	170-185	√	√	√
	XL-XXL	60-75	80-130	180-195	√	√	√

HT-331

Fall arrest and work positioning and sit harness

●Full body harness with 2 attachment points for fall arrest :1 sternal aluminum D-ring and 1 dorsal aluminum D-ring according to EN361,2 side aluminum D-ring for work position according to EN358, 1 ventral aluminum D-ring according to EN813.

●Full body harness with 9 pcs steel adjustable buckles,1 aluminum carabiner and 1 pcs steel oval ring.

●Super comfortable EVA material waist padding belt, shoulder padding and leg padding provides maximum comfort when working at height.

●Open the ventral carabiner and back steel buckle remove the shoulder strap could make a sit harness.

●4 pcs tool loop in waist position belt made of polyester, maximum load capacity per loop 2 kg.

REF.	Size	Legs	Waist	Height	CE		
		cm	cm	cm	EN 358	EN 361	EN 813
HT-331	M-L	45-65	70-110	170-185	√	√	√
	XL-XXL	60-75	80-130	180-195	√	√	√

HT-327

Fall arrest and work positioning and sit harness

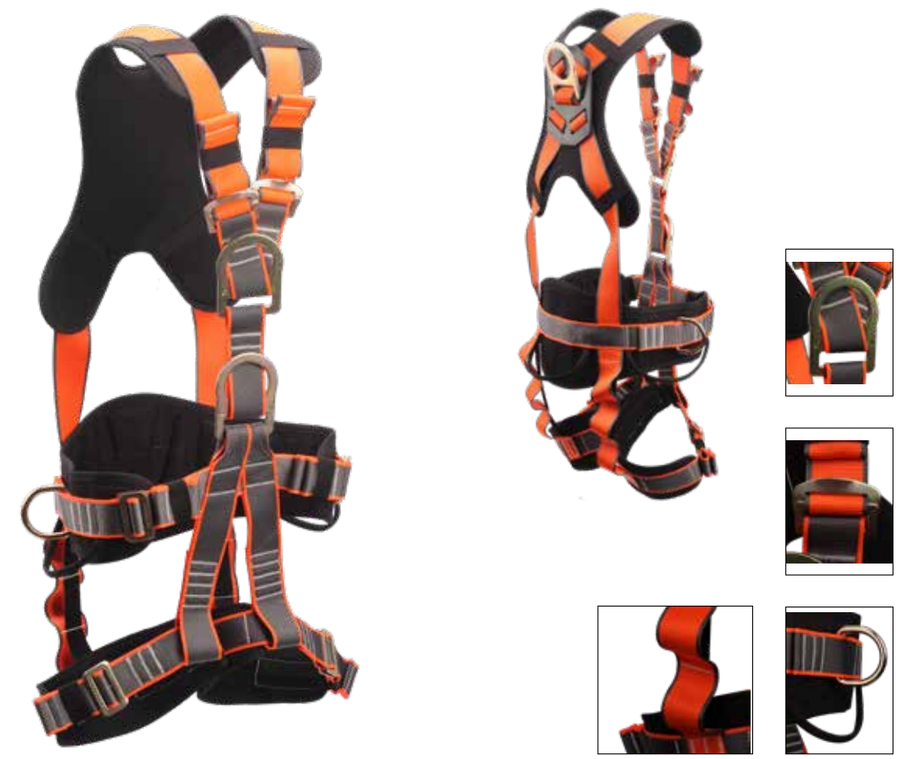
●Full body harness with 2 attachment points for fall arrest :1 sternal aluminum D-ring and 1 dorsal aluminum D-ring according to EN361,2 side aluminum D-ring for work position according to EN358, 1 ventral aluminum D-ring according to EN813.

●Full body harness with 7 pcs steel adjustable buckles and 1 ventral aluminum carabiner.

●Super comfortable EVA material waist padding belt, shoulder padding and leg padding provides maximum comfort when working at height.

●2 pcs tool loop in waist position belt made of polyester, maximum load capacity per loop 2 kg.

REF.	Size	Legs	Waist	Height	CE		
		cm	cm	cm	EN 358	EN 361	EN 813
HT-327	M-L	45-65	70-110	170-185	√	√	√
	XL-XXL	60-75	80-130	180-195	√	√	√



HT-328

Fall arrest and work positioning and sit harness

●Full body harness with 2 attachment points for fall arrest :1 sternal steel D-ring and 1 dorsal steel D-ring according to EN361,2 side steel D-ring for work position according to EN358, 1 ventral steel D-ring according to EN813.

●Full body harness with 6 pcs steel adjustable buckles.

●Super comfortable EVA material waist padding belt, shoulder padding and leg padding provides maximum comfort when working at height.

●2 pcs tool loop in waist position belt made of polyester, maximum load capacity per loop 2 kg.

REF.	Size	Legs	Waist	Height	CE		
		cm	cm	cm	EN 358	EN 361	EN 813
HT-328	M-L	45-65	70-110	170-185	√	√	√
	XL-XXL	60-75	80-130	180-195	√	√	√

HT-316QR

Full arrest and work positioning harness

●Full body harness with 2 attachment points for fall arrest :sternal double textile loops and 1 dorsal steel D-ring according to EN361, 2 side steel D-ring for work position according to EN358.

●Full body harness with 2 pcs steel adjustable buckles on the shoulder straps , 4 pcs steel quick buckles on chest straps ,waist straps and legs loop.

●Super comfortable EVA material shoulder padding,waist padding belt and leg padding provides maximum comfort when working at height.

●2 pcs tool loop in waist position belt made of polyester, maximum load capacity per loop 2 kg.

REF.	Size	Legs	Waist	Height	CE	
		cm	cm	cm	EN358	EN361
HT-316QR	UNI SIZE	45-65	70-95	170-185	√	√

HT-316Y

Fall arrest harness

●Full body harness with 2 attachment points for fall arrest : sternal double textile loop and 1 dorsal steel D-ring according to EN361.

●Full body harness with 2 pcs steel adjustable buckles on the shoulder straps ,3pcs steel quick buckles on chest straps and legs loop.

●Super comfortable EVA material shoulder padding and leg padding provides maximum comfort when working at height.

REF.	Size	Legs	Waist	Height	CE
		cm	cm	cm	EN361
HT-316Y	UNI SIZE	45-65	/	170-185	√

HT-316T

Fall arrest harness

●Full body harness with 2 attachment points for fall arrest : sternal double textile loop and 1 dorsal steel D-ring according to EN361.

●Full body harness with 2 pcs steel adjustable buckles on the shoulder straps ,3pcs steel quick buckles on chest straps and legs loop.

●Super comfortable EVA material shoulder padding provides maximum comfort when working at height.

REF.	Size	Legs	Waist	Height	CE
		cm	cm	cm	EN361
HT-316T	UNI SIZE	45-65	/	170-185	√

HT-321

Fall arrest and work positioning harness

●Full body harness with 3 attachment points for fall arrest :sternal double textile loop and 1 dorsal steel D-ring according to EN361, 2 side steel D-ring for work position according to EN358.

●Full body harness with 6 pcs steel adjustable buckles on the shoulder straps , chest straps ,waist straps and legs loop.

●Super comfortable EVA material waist padding belt provides maximum comfort when working at height.

REF.	Size	Legs	Waist	Height	CE	
		cm	cm	cm	EN 358	EN 361
HT-321	UNI SIZE	45-65	70-95	170-185	√	√

HT-320

Fall arrest and work positioning harness

●Full body harness with 3 attachment points for fall arrest :2 front steel D-ring and 1 dorsal steel D-ring according to EN361, 2 side steel D-ring for work position according to EN358.

●Full body harness with 6 pcs steel adjustable buckles on the shoulder straps , chest straps ,waist straps and legs loop.

●Super comfortable EVA material waist padding belt provides maximum comfort when working at height.

REF.	Size	Legs	Waist	Height	CE	
		cm	cm	cm	EN 358	EN 361
HT-320	UNI SIZE	45-65	70-95	170-185	√	√

HT-319

Fall arrest and work positioning harness

●Full body harness with 1 attachment points for fall arrest :1 dorsal steel D-ring according to EN361, 2 side steel D-ring for work position according to EN358.

●Full body harness with 4 pcs steel adjustable buckles on the chest straps ,waist straps and legs loop.

●Super comfortable EVA material waist padding belt provides maximum comfort when working at height.

REF.	Size	Legs	Waist	Height	CE	
		cm	cm	cm	EN358	EN361
HT-319	UNI SIZE	45-65	70-95	170-185	√	√

HT-315

Fall arrest harness

●Full body harness with 2 attachment points for fall arrest : sternal double textile loop and 1 dorsal steel D-ring according to EN361.

●Full body harness with 5 pcs steel adjustable buckles on the shoulder straps , chest straps and legs loop.

REF.	Size	Legs	Waist	Height	CE
		cm	cm	cm	EN361
HT-315	UNI SIZE	45-65	/	170-185	√

HT-318

Fall arrest harness

●Full body harness with 3 attachment points for fall arrest :2 front steel D-ring and 1 dorsal steel D-ring according to EN361.

●Full body harness with 5 pcs steel adjustable buckles on the shoulder straps , chest straps and legs loop.

REF.	Size	Legs	Waist	Height	CE
		cm	cm	cm	EN361
HT-318	UNI SIZE	45-65	/	170-185	√

HT-317

Fall arrest harness

●Full body harness with 2 attachment points for fall arrest :1 sternal steel D-ring and 1 dorsal steel D-ring according to EN361.

●Full body harness with 5 pcs steel adjustable buckles on the shoulder straps , chest straps and legs loop.

REF.	Size	Legs	Waist	Height	CE
		cm	cm	cm	EN361
HT-317	UNI SIZE	45-65	/	170-185	√

HT-336

Fall arrest harness

●Full body harness with 1 attachment points for fall arrest :1 dorsal steel D-ring according to EN361.

●Full body harness with 5 pcs steel adjustable buckles on the chest straps,shoulder straps and legs loop.

REF.	Size	Legs	Waist	Height	CE	
		cm	cm	cm	EN358	EN361
HT-336	UNI SIZE	45-65	70-95	170-185	√	√

HT-311

Fall arrest harness

●Full body harness with 1 attachment points for fall arrest :1 dorsal steel D-ring according to EN361.

●Full body harness with 3 pcs steel adjustable buckles on the chest straps and legs loop.

REF.	Size	Legs	Waist	Height	CE
		cm	cm	cm	EN361
HT-311	UNI SIZE	45-65	/	170-185	√

HT-339Y

Harness

●This harness must need use together with sit harness. it can't be use alone.

●The harness with 2 attachment points for fall arrest :1 sternal aluminum D-ring and 1 dorsal aluminum D-ring according to EN361.

●The harness with 3 pcs steel adjustable buckles.

HT-339

Sit harness

●Sit harness with 2 side aluminum D-ring for work position according to EN358, 1 ventral aluminum D-ring according to EN813

●Sit harness with 6 pcs steel adjustable buckles and 1 pcs steel oval ring.

●4 Pcs tool loops for hang tools,maximum load capacity per loop 2 kg.

REF.	Size	Legs	Waist	Height	CE	
		cm	cm	cm	EN 358	EN 813
HT-339	M-L	45-65	70-110	170-185	√	√
	XL-XXL	60-75	80-130	180-195	√	√

HT-721

Work Position Seat

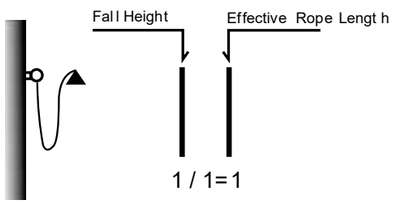
Intended for use with our fall arrest or work positioning harnesses,inside padding is made of aluminium which allows long term use without any deformation,wider sitting area ensure good stability and allows comforable suspension as well as standing at work positioning, 2 d-rings (bearing capacity 50kg)for bucket or other gear suspension.

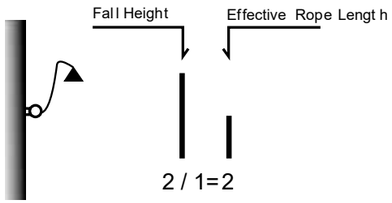
Anti-fall system for high-hanging

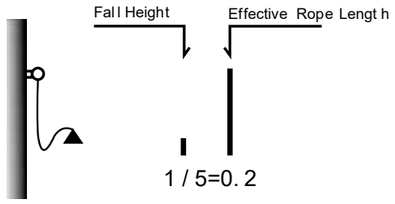
In areas where there is a risk of falling, use a fall prevention system to prevent people from falling. Fall prevention systems are usually required to be used as high as possible to reduce the fall coefficient, thereby reducing the impact force received by the user during a fall. The connection device used in the fall protection system must be equipped with a energy absorber to ensure that the impact force on the user is less than 6kn when a fall occurs.

$$F=mg+mg\sqrt{1+\frac{2fk}{mg}}$$

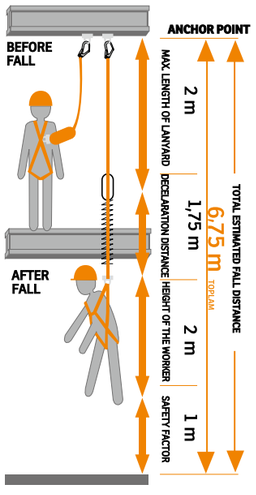
F: First impact (N)
m: Object weight (kg)
g: Acceleration of gravity
f: Actual fall coefficient
k: Young's modulus of rope X braided part



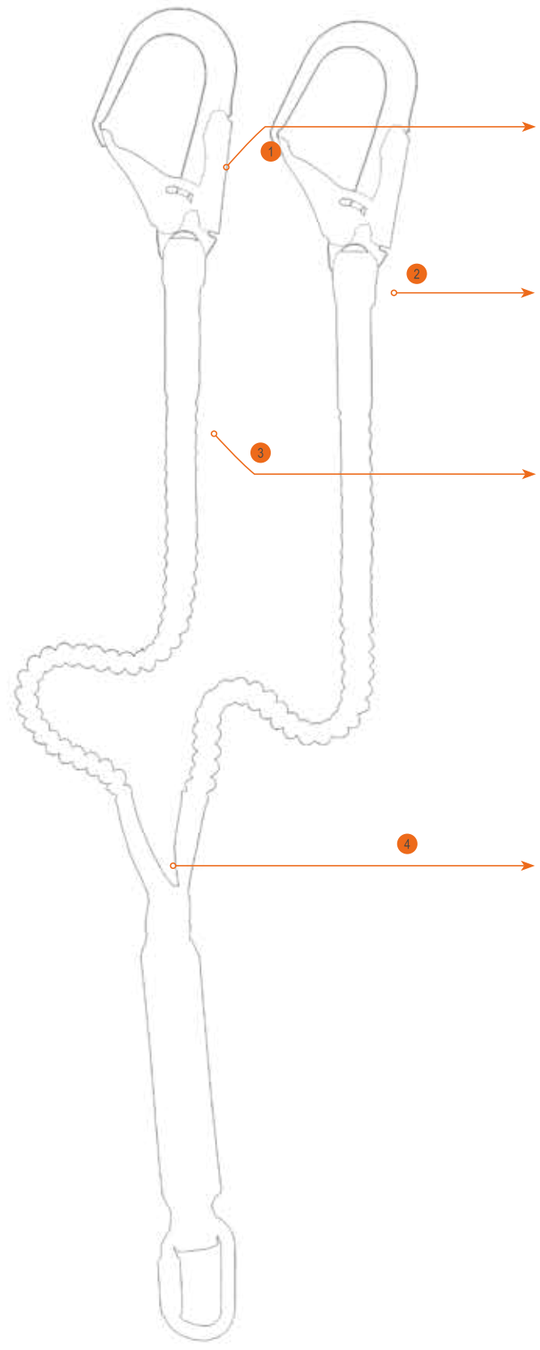




How to calculate Total Fall Distance



The energy absorber with lanyard is a component of personal fall arrest equipment and complies with EN355. Fall arrest system consisted of energy absorber with lanyard, attached to the full body harness (complied with EN 361) and connected to the structural anchor point (complied with EN 795) can be used as a basic personal protective equipment against falls from a height. Caution: The total length of the energy absorber with lanyard including terminations and connectors shall not exceed 2m.



1.CARABINER IS A PROTECTIVE EQUIPMENT AGAINST FALL FROM HEIGHT ACCORDING TO EN362.

2.SNAP HOOK IS A PROTECTIVE EQUIPMENT AGAINST FALLS FROM HEIGHT ACCORDING TO EN362.

3.ENERGY ABSORBER IS PROTECTIVE EQUIPMENT AGAINST FALLS FROM HEIGHT ACCORDING TO EN355.
FABRIC CASE PROTECTS THE ENERGY ABSORBER FROM ABRASION AND OTHER DAMAGES WHILE
ALLOWING FOR REGULAR INSPECTION OF THE ABSORBER.

4.WEBBING MADE FROM WIDTH 27MM POLYESTER WEBBING.

HT-509YL

HT-509L

HT-507Y

HT-507

HT-515YL

HT-515L

HT-516YL

HT-516L

HT-512YL

HT-512L

HT-511YL

HT-511L

HT-509YL

Energy absorber with twin lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of high tenacity 11mm static rope.
•Twin lanyard allows user to keep one big aluminum hook attached to the anchorage while the other big aluminum hook is always ready to be hooked to the next anchorage.The aluminum carabiner attach to harness.
• Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Rope Material	Rope Dia	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-509YL	Polyamide	11mm	HT-R05	HT-X05	1.8m	√	√

HT-509L

Energy absorber with single leg lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of high tenacity 11mm static rope.
•One big aluminum hook attach to an anchorage point and remain safe during their work.The aluminum carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Rope Material	Rope Dia	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-509L	Polyamide	11mm	HT-R05	HT-X05	1.8m	√	√

HT-507Y

Energy absorber with twin lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of high tenacity 11mm static rope.
•Twin lanyard allows user to keep one steel hook attached to the anchorage while the other steel hook is always ready to be hooked to the next anchorage.The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Rope Material	Rope Dia	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-507Y	Polyamide	11mm	HT-R02	HT-H03	1.8m	√	√

HT-507

Energy absorber with single leg lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of high tenacity 11mm static rope.
•One steel hook attach to an anchorage point and remain safe during their work. The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Rope Material	Rope Dia	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-507	Polyamide	11mm	HT-R02	HT-H03	1.8m	√	√

HT-515YL

Energy absorber with twin elastic lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 28mm polyester elastic webbing.
•Twin elastic lanyard allows user to keep one big aluminum hook attached to the anchorage while the other big aluminum hook is always ready to be hooked to the next anchorage.The aluminum carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-515YL	Polyamide	27mm	HT-R05	HT-X05	1.4-1.8m	√	√

HT-515L

Energy absorber with single elastic lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 28mm polyester elastic webbing.
•One big aluminum hook attach to an anchorage point and remain safe during their work.The aluminum carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-515L	Polyester	27mm	HT-R05	HT-X05	1.4-1.8m	√	√

HT-516YL

Energy absorber with twin elastic lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 28mm polyester elastic webbing.
•Twin elastic lanyard allows user to keep one big steel hook attached to the anchorage while the other big steel hook is always ready to be hooked to the next anchorage.The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-516YL	Polyester	27mm	HT-R02	HT-H03	1.4-1.8m	√	√

HT-516L

Energy absorber with single elastic lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 28mm polyester elastic webbing.
•One big steel hook attach to an anchorage point and remain safe during their work.The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Rope Material	Rope Dia	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-516L	Polyester	27mm	HT-R02	HT-H03	1.4-1.8m	√	√

HT-512YL

Energy absorber with twin lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 30mm polyester webbing.
•Twin lanyard allows user to keep one big aluminum hook attached to the anchorage while the other big aluminum hook is always ready to be hooked to the next anchorage.The aluminum carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-512YL	Polyester	30mm	HT-R05	HT-X05	1.8m	√	√

HT-512L

Energy absorber with twin lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 30mm polyester webbing.
•Twin lanyard allows user to keep one big steel hook attached to the anchorage while the other big steel hook is always ready to be hooked to the next anchorage.The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-512L	Polyester	30mm	HT-R05	HT-X05	1.8m	√	√

HT-511YL

Energy absorber with twin lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 30mm polyester webbing.
•Twin lanyard allows user to keep one big steel hook attached to the anchorage while the other big steel hook is always ready to be hooked to the next anchorage.The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-511YL	Polyester	30mm	HT-R02	HT-H03	1.8m	√	√

HT-511L

Energy absorber with single lanyard

•Energy absorber made from 44mm width polyester webbing.
•Made of highly resistant 30mm polyester webbing.
•One big steel hook attach to an anchorage point and remain safe during their work.The steel carabiner attach to harness.
•Built-in energy absorber limits the fall arrest force in a fall situation by tearing specific seams.
•Absorber fabric case protects the energy absorber from abrasion and other damages while allowing for regular inspection of the absorber.

REF.	Webbing Material	Webbing Width	Carabiner	Hook	Length	CE	
						EN355	EN362
HT-511L	Polyester	30mm	HT-R02	HT-H03	1.8m	√	√

HT-607

HT-607Y

HT-608L

HT-608Y

HT-621

HT-616

HT-613LR

HT-613

HT-612L

HT-612

HT-615

HT-623

HT-607 HT-607Y

+

HT-R02 HT-R05T HT-H03 HT-X05

Work position single/ double lanyard

- Single and double (Y-type) connection lanyards, ranging in length from 1m to 1.5m;
- Made of 11mm high wear-resistant static rope;
- You can choose the connector you need, like:
- Equipped with a steel carabiner or aluminum carabiner;
- Equipped with steel or aluminum hook;

For any other specific length, contact us.

HT-608L HT-608Y

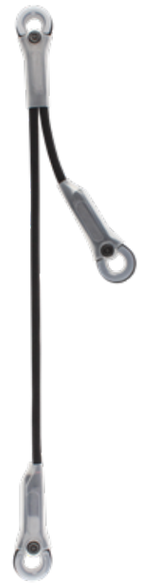
+

HT-R02 HT-R05T HT-H03 HT-X05

Work position single/ double lanyard

- Single and double (Y-type) connection lanyards, ranging in length from 1m to 1.5m;
- Made of highly resistant 28mm polyester elastic webbing;
- You can choose the connector you need, like:
- Equipped with a steel carabiner or aluminum carabiner;
- Equipped with steel or aluminum hook;

For any other specific length, contact us.



HT-621

Double leg positioning lanyard

A double progression lanyard that allows continuous connection during rope ascents. The plastic sheaths hold the carabiners in position and facilitate clipping while protecting the terminations from abrasion. It has a 65cm long arm and a 35cm short arm.

REF.	Rope Material	Rope Dia	Rope Length	Strength	CE EN354
HT-621	Polyamide	12mm	0.35/0.65m	22kN	✓

HT-616

Rope grab

- Rope grab use lanyard connect with steel middle hook.
- It's easy for user to connect with full body harness.

HT-613LR

Work position rope lanyard with aluminum rope grab

•Aluminum rope grab adjuster for a progressive movement.
•Sewing protected with a plactic transparent sleeve which not only protects the end, but also make the stitches visible for easy inspection before the use.
•Abrasion resistant thimble to protect the loops from being damaged by metallic contact.

Rope Material	Rope Dia	Rope Length	Rope Grab Material	Hook	Carabiner	CE	
						EN358	EN362
Polyamide	12mm	1.5-2.0 M	Aluminum	HT-H18	HT-R05	√	√

HT-613

Work position rope lanyard with aluminum rope grab

•Aluminum rope grab adjuster for a progressive movement.
•Sewing protected with a plactic transparent sleeve which not only protects the end, but also make the stitches visible for easy inspection before the use.
•Abrasion resistant thimble to protect the loops from being damaged by metallic contact.

Rope Material	Rope Dia	Rope Length	Rope Grab Material	Hook	Carabiner	CE	
						EN358	EN362
Polyamide	12mm	1.5-2.0 M	Aluminum	HT-H18	HT-R05	√	√

HT-612L

Work position rope lanyard with aluminum rope grab

•Aluminum rope grab adjuster for a progressive movement.
•Sewing protected with a plactic transparent sleeve which not only protects the end, but also make the stitches visible for easy inspection before the use
•Abrasion resistant thimble to protect the loops from being damaged by metallic contact.

Rope Material	Rope Dia	Rope Length	Rope Grab Material	Hook	Carabiner	CE	
						EN358	EN362
Polyamide	12mm	1.5-2.0 M	Aluminum	HT-H03	HT-R02	√	√

HT-612

Work position rope lanyard with aluminum rope grab

•Aluminum rope grab adjuster for a progressive movement.
•Sewing protected with a plactic transparent sleeve which not only protects the end, but also make the stitches visible for easy inspection before the use.
•Abrasion resistant thimble to protect the loops from being damaged by metallic contact.

Rope Material	Rope Dia	Rope Length	Rope Grab Material	Hook	Carabiner	CE	
						EN358	EN362
Polyamide	12mm	1.5-2.0 M	Aluminum	HT-H14	HT-R02	√	√

HT-615

Flexible anchor line

•The product accompanies the user when climbing up and down and in the event of a fall it blocks the rope and catches the user safely.

Rope Material	Rope Dia	Rope Length	Rope Grap Material	Hook	Carabiner	CE	
						EN353-2	EN362
Polyamide	12mm	5-20m	Aluminum	HT-H18	HT-R05	√	√

HT-623

Flexible anchor line

●Construction
The flexible anchor line consist of a polyamide rope in different diameters. The design of the rope ends are finished off by stitching,which are protected by a plastic sleeves.
●Function
The flexible anchor line is the basis for the fall arrester with self-locking function. The guide type fall arrester runs alongside the anchor line (rope), follows the user while moving up or down and locks automatically on the anchor line. The possible fall height results form the length of the lanyard between the fall arrester and the full body harness. Generally, the shorter the lanyard, the shorter the fall distance.

Product	Rope Dia	Rope Length	ART NO.
Polyamide Kemamantle rope	10.5mm	15m	HT-62315
		20m	HT-62320
		30m	HT-62330
		40m	HT-62350

HT-D07

HT-D09

HT-D10

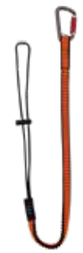
HT-MD10

HT-MD15

HT-718L

HT-718

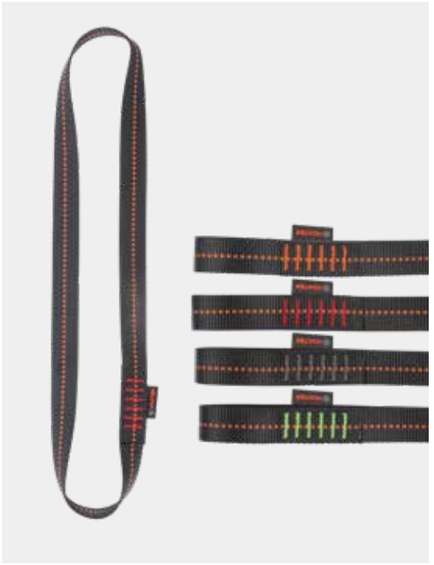
HT-719



HT-722

HT-720

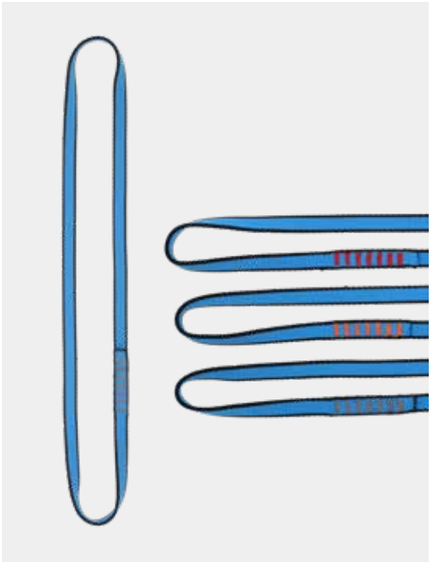
HT-MD08



Sewn sling

•Made of high-strength nylon fiber;
•Super wear resistance, color identification of sewing thread in
•different lengths;
Used to set simple temporary fixed points

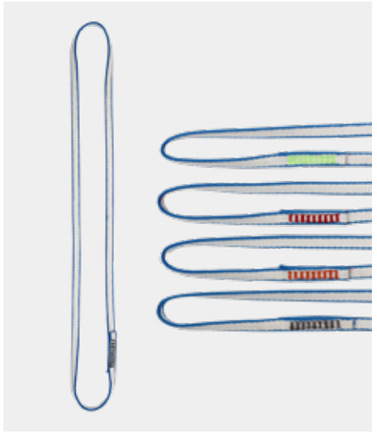
Art.No	Material	Width	Color	Length	Strength	CE
HT-D07-60	Nylonfabric	25mm	Orange	60cm	22kN	EN795
HT-D07-80	Nylonfabric	25mm	Red	80cm	22kN	
HT-D07-120	Nylonfabric	25mm	Grey	120cm	22kN	
HT-D07-150	Nylonfabric	25mm	Green	150cm	22kN	



Sewn sling

•Made of high-strength nylon fiber;
•Super wear resistance, color identification of sewing thread in
•different lengths;
Used to set simple temporary fixed points

Art.No	Material	Width	Color	Length	Strength	CE
HT-D09-60	Nylonfabric	16mm	Orange	60cm	22kN	EN795
HT-D09-80	Nylonfabric	16mm	Red	80cm	22kN	
HT-D09-120	Nylonfabric	16mm	Grey	120cm	22kN	
HT-D09-150	Nylonfabric	16mm	Green	150cm	22kN	



Sewn sling

•Made of high-strength Dyneema fiber;
•Super wear resistance, color identification of sewing thread in
•different lengths;
Used to set simple temporary fixed points

Art.No	Material	Width	Color	Length	Strength	CE
HT-D10-60	Dyneema	11mm	Orange	60cm	22kN	EN795
HT-D10-80	Dyneema	11mm	Red	80cm	22kN	
HT-D10-120	Dyneema	11mm	Grey	120cm	22kN	
HT-D10-150	Dyneema	11mm	Green	150cm	22kN	

HT-MD10

Anchoring strap with 2 steel ring

•Made of high-strength polyester fiber;
•Two forged steel connection points are provided at both ends of anchor point flat belt

Art.No	Webbing Width	Length	D-ring Material	Strength	CE
MD-108	44mm	1m	Steel	22kN	EN795
MD10-150	44mm	1.5m	Steel	22kN	

HT-MD15

Cable anchor sling

•Braided with high-strength stainless steel;
•This anchor point is resistant to cutting and abrasion;
•The plastic hose can keep the buckle in the correct position at any time, which is convenient for hooking.

Art.No	Wire rope dia	Wire rope length	Webbing Material	Strength	CE
MD15-6	6.5mm	0.6m	Stainless steel	25kN	EN795 /EN354
MD15-8	6.5mm	0.8m	Stainless steel	25kN	
MD15-120	6.5mm	1.2m	Stainless steel	25kN	
MD15-150	6.5mm	1.5m	Stainless steel	25kN	

HT-718L

Pedal rope (double hole)

•It is woven with high-strength Dyneema fiber, which is light and durable;
•The rope diameter is 6mm, and the rope core has zero slip;
•The stainless steel buckle can quickly adjust the length to ensure that the foot is always in the ring;
•It can be used to ascend with the hand-type ascending device;
•Used for high-altitude operations such as SRT, rescue, mountaineering, and rock climbing;

HT-718

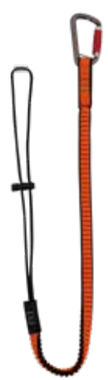
Pedal rope (double hole)

•It is woven with high-strength nylon fiber;
•The buckle can quickly adjust the length to ensure that the foot is always in the loop;
•It can be used to ascend with the hand-type ascending device;
•Used for high-altitude operations such as SRT, rescue, mountaineering, and rock climbing

HT-719

Five step aider

•The 5-step aid adopts the classic staggered triangular step structure.
•Step stiffeners ensure that the steps are always open



HT-722

Tool Lanyard

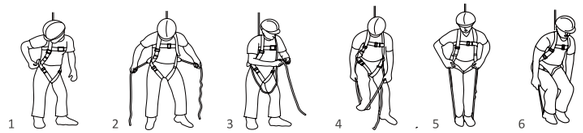
•Combined with medium and high strength hook and elastic rope, it is light and easy to carry;
•Stretching length: 98~150cm;
•Maximum load: 7kg;

HT-720

Trauma relief strap

Specially designed to help relieve the negative effects of suspension trauma,easy to attach to the harness with the help of the textile loop,allows the suspended worker to stand up in his harness to relieve pressure.

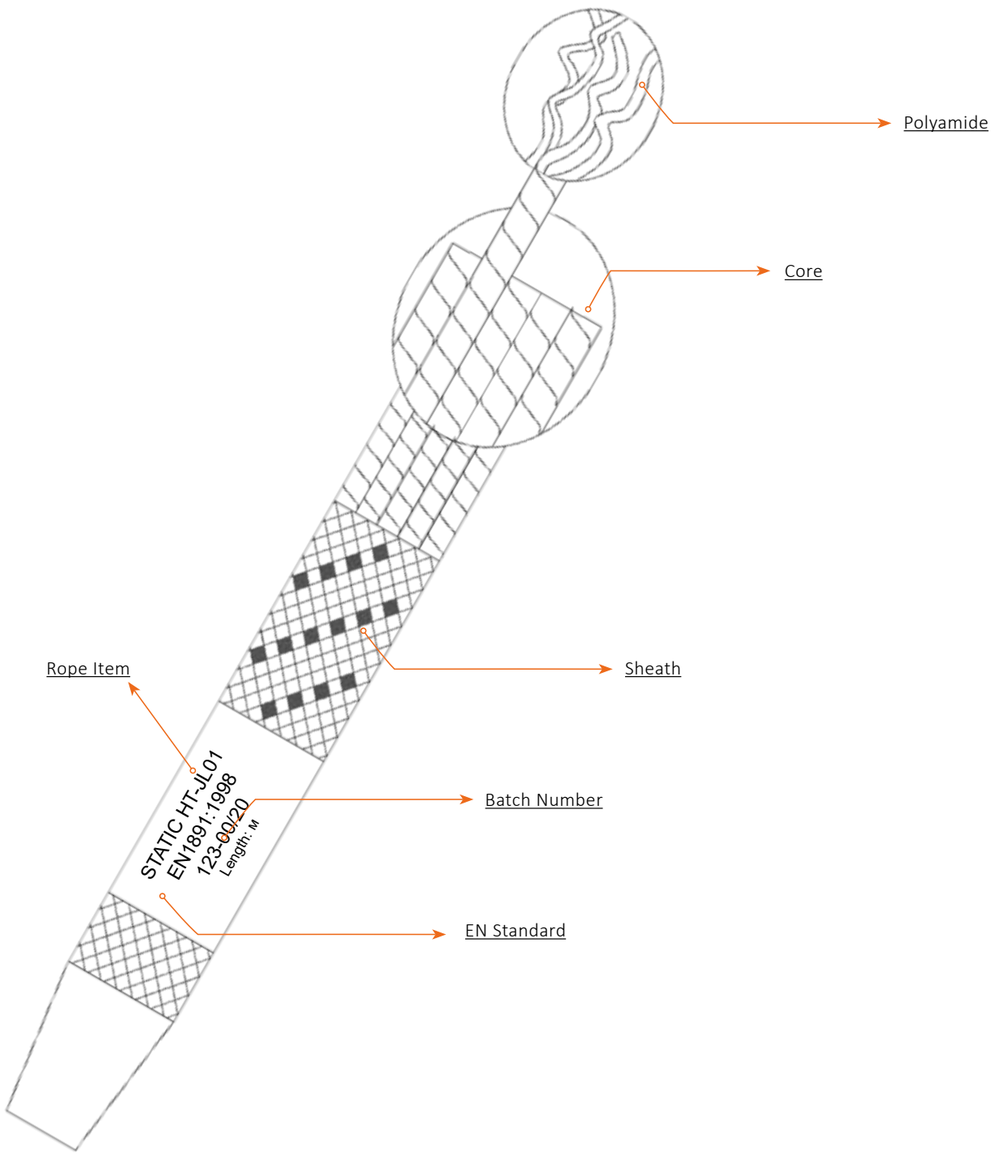
Step to use trauma relief strap



HT-MD08

Horizontal Webbing Anchorage Line

The Anchorage Life Line made up of 30 mm Polyester Webbing equipped with the Ratchet Tensioner that allows easy tensioning of the lifeline between two structures. Both the ends are provided with Twist lock Steel Karabiners (Our Ref HT-R04). Once fitted, you can easily put back the extra webbing not deployed along the length, into the Bag Products according to EN 795.
Available Length- Total 20m, thus the user can use it for a length ranging from 5m to 20m.
Once the Lifeline is fitted, the user can easily attach the Lanyard of his Harness to the Lifeline using a Karabiner. This allows movement along the length while keeping the user secured and safe at all times.



DYNAMIC MOUNTAINEERING ROPE

Comply with CE EN892 standard.
•It is especially suitable for rock climbing activities. This kind rope must be used during climbing when erecting a fixed protection point.
•It can absorb the strong impact of accidental fall through its own elasticity, these ropes are suitable for experts.
•Single ropes with a diameter of less than 10,5 mm are the most common products on the market today.

Type	Number of drop (coefficient 2)	Impact force (coefficient 2)	Dynamic extension (coefficient 2)	Static extension	Sheath slippage	Standard
Single rope	>5(85 kg)	<1200 daN	<40%	<10%	<20mm	EN892
Double rope	>5(55 kg)	<800 daN	<40%	<12%	<20 mm	
Pair rope	>12(80kg pair)	<1200 daN	<40%	<10%	<20 mm	

SEMI-STATIC ROPE

•It is more accurately called a static rope or braided rope, and its rope sheath slippage coefficient is extremely small.
•It complies with CE EN1891 standard and is mainly used to enter, set up, or maintain a job position.
•Absolutely moderate ductility, these semi-static ropes can avoid bouncing up and down like bungee ropes when descending and hanging in the air.
•Safe and reliable, with a long service life, we promote easy-to-operate ropes, especially those with a diameter of 10,5 mm or 11 mm.

Type	Number of drop (coefficient 1)	Impact force (coefficient 0.3)	Static extension (50-150kg)	Static extension	8 bytes point static tension (within 3 minutes)	Sheath slippage	Standard
A	>5(100kg)	<600 daN	<5%	2200daN the min	1500daN	If diameter ϕ<12mm, then<20+10(T-9mm) ,If 12.1<ϕ<16mm, then<20+5(ϕ-12mm)	EN1891
B	>5(80kg)	<600 daN	<5%	1800daN the min	1200daN	If diameter ϕ<12mmϕ then<20+10(ϕ-9mm), If 12.1<ϕ<16mm, then<20+5(ϕ-12mm)	

DYNAMIC MOUNTAINEERING ROPE

Single rope
Single-strand use to connect climbers and protectors.
Mountains, cliffs, and indoor activities.

Double rope
Each rope can be locked separately for better application in mountain route climbing, long route climbing and ice climbing.

Pair rope
At each protection point, two ropes must be locked for use at the same time.
Used for mountain and ice climbing.

SEMI-STATIC ROPE

Type A rope
It can be used for movement and propulsion.
This type of rope has the same excellent performance when used for ascent and descent.
Used for cave exploration, canyoning, rope operations, safety or emergency operations.

Type B rope
The diameter and strength are smaller than that of Type A rope, so please be more cautious when using it.
Used for cave exploration, canyoning, rope operations, safety or emergency operations.

C rope
The rope is suitable for use in the canyon.
It can only be used to descend and use two ropes together.
It is composed of polypropylene material and can float.

HT-JL011

HT-JL012

HT-JL01

HT-JL02

HT-JL03

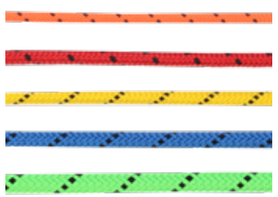
HT-JL05

HT-DL011

HT-DL012

HT-F011

HT-F012



HT-FZ

HT-T01

HT-JL011

Static rope 9

Impact force 4.3kN | Number of drops >5 | Sheath slippage 0% | Weight 55g/m

Diameter	9mm
Static strength	21kN
Number of drops	>5
Fall arrest peak force	4.3kN
Elongation	4.5%
Material	Polyamide

Color

HT-JL012

Static rope 10

Impact force 4.4kN | Number of drops >5 | Sheath slippage 0.8% | Weight 69g/m

Diameter	10mm
Static strength	26kN
Number of drops	>5
Fall arrest peak force	4.4 kN
Elongation	3.5%
Material	Polyamide

Color

HT-JL01

Static rope 10.5

Impact force 4.7kN | Number of drops >5 | Sheath slippage 0% | Weight 73g/m

Diameter	10.5mm
Static strength	29.5kN
Number of drops	>5
Fall arrest peak force	4.7 kN
Elongation	3.2%
Material	Polyamide

Color

HT-JL02

Static rope 11

Impact force 5.2kN | Number of drops >5 | Sheath slippage 0% | Weight 81g/m

Diameter	11mm
Static strength	30kN
Number of drops	>5
Fall arrest peak force	5.2kN
Elongation	3.4%
Material	Polyamide

Color

HT-JL03

Static rope 12

Impact force 4.8kN | Number of drops >5 | Sheath slippage 0.6% | Weight 98g/m

Diameter	12mm
Static strength	39kN
Number of drops	>5
Fall arrest peak force	4.8 kN
Elongation	2.6%
Material	Polyamide

Color

HT-JL05

Static rope 11.7

Impact force 5.5kN | Number of drops >5 | Sheath slippage 0.1% | Weight 95g/m

Diameter	11.7m
Static strength	32kN
Number of drops	>5
Fall arrest peak force	5.5kN
Elongation	3%
Material	Polyamide

Color

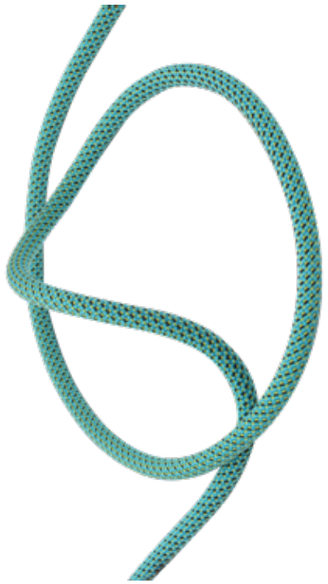
HT-DL011

Dynamic rope 10.3

Impact force 9.1kN | Number of drops 8 | Knotability 0.9 | Weight 66g/m

Diameter	10.3mm
Number of drops	8
Fall arrest peak force	9.1kN
Knotability	0.9
Material	Polyamide

Color

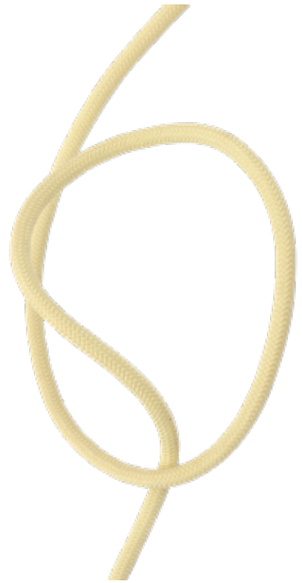


HT-DL012

Dynamic rope 9.8

Impact force 8.9kN | Number of drops 8 | Knotability 0.9 | Weight 63g/m

Diameter	9.8mm
Number of drops	8
Fall arrest peak force	8.9kN
Knotability	0.9
Material	Polyamide



HT-F011

Fire rope 9

Diameter	9mm
Pull	2800kgf
Heat-resistant temperature:	400 degrees
Load-bearing	100kg
Heating time	300 seconds without coking
Material	Aramid/Ployester

HT-F012

Fire rope 10.5

Diameter	10.5mm
Pull	3500kgf
Heat-resistant temperature:	400 degrees
Load-bearing	136kg
Heating time	300 seconds without coking
Material	Aramid/Ployester

HT-FZ

Accessory cord

Suitable for a multitude of used,meet EN564 standard

Art.No	Diameter	Material	Breaking Strength	Color
HT-FZ01	4mm	Polyamide	4.4kN	Orange
HT-FZ02	5mm	Polyamide	6.5kN	Red
HT-FZ03	6mm	Polyamide	8.1kN	Yellow
HT-FZ04	7mm	Polyamide	10kN	Blue
HT-FZ05	8mm	Polyamide	13.1kN	Green

HT-T01

Rope protection

It is used to protect the rope and avoid the rough and sharp protrusions of the building such as corners and rocks from wearing the rope.
•PVC mesh material, double-layer structure is sturdy and wear-resistant, fully protect the rope to avoid abrasion, light weight, easy to carry;
• The velcro design of the unpacking port is convenient and quick to operate;
•Multiple specifications, used in different environments

Material	Size	Color
PVC mesh cloth	50cm, 70cm, 90cm, 120cm	Orange

HT-T02

Rope protector

It is used to protect the rope and avoid the rough and sharp protrusions of the building such as corners and rocks from wearing the rope.
•Roll the casing to reduce friction; free combination, strong versatility;
•Light weight, easy to carry

Material	Specification	Weight	Length
304 stainless steel	11.2x5.5x2.8cm (single section)	115g/section	Links can be lengthened indefinitely

HT-T03

Rope protector

It is used to protect the rope and avoid the rough and sharp protrusions of the building such as corners and rocks from wearing the rope.
•Roll the casing to reduce friction; free combination, strong versatility;
•Specific size calculation, effective protection for a variety of rope grinding sites
•The side plate is turned over to prevent it from turning over;

Material	Specification	Weight	Length
304 stainless steel	12.2x9.6x4cm (single section)	265g/section	Links can be lengthened indefinitely

HT-T05

Rope Protector

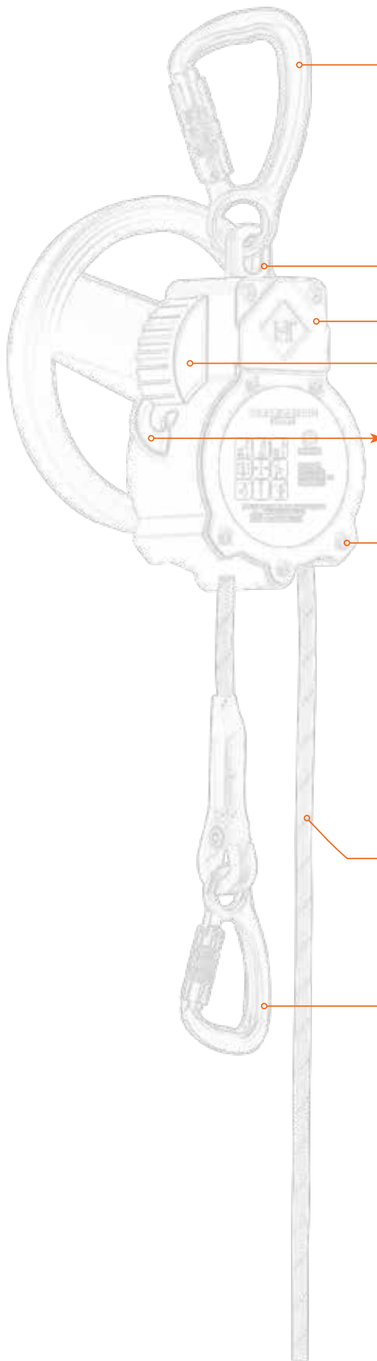
•PU coating, thick fabric, good waterproof and windproof effect;
•The four corners have webbing to fix the rope end, which can quickly arrange the rope;
•Moderate size, more convenient to carry;

Material	Size	Weight	Color
Polyester with PU coating	130x130cm	195g	grey

HT-731

Triangle rescue belt

•Universal triangle rescue belt, with 5 sets of adjustment points in different positions;
•Equipped with a shoulder strap, which can be worn quickly;
•Used for all kinds of rescue, convenient and quick;



Various lengths of 15m~150m are available;
Can carry 2 people,

Descent height:
140kg for a single person, with a maximum descending height of 500m;
250kg for two persons, the maximum descent height is 175m;

HT-MD07

Rescue descent

•Aluminum alloy shell, lightweight, lightweight and durable, good heat dissipation performance;
•High-performance and easy-to-operate winch;
•Double brakes increase safety and make use more assured;
•Integrated lugs for more effective control of the descent speed during rescue;
•The two-way wheel hub, when one end of the hook rises, the other end falls, and after the descending escape is completed, you can immediately start descending and escape again;
•9.6mm static rope, super tough and wear-resistant;
•Life-saving self-locking spring hook, in line with EN362;
•Descent height:
140kg for a single person, using the maximum descending height of 500m,
250kg for two persons, the maximum descent height is 175m;
•Descent speed: 0.85m/s
•Rope type: static rope EN1891 type A
•Rope strength: 25kN
•The descending device is configured on the lifting work platform and is used for wind power towers, cable cars, derricks, etc., for emergency rescue operations, and can also be used for rescuers in harsh environments;

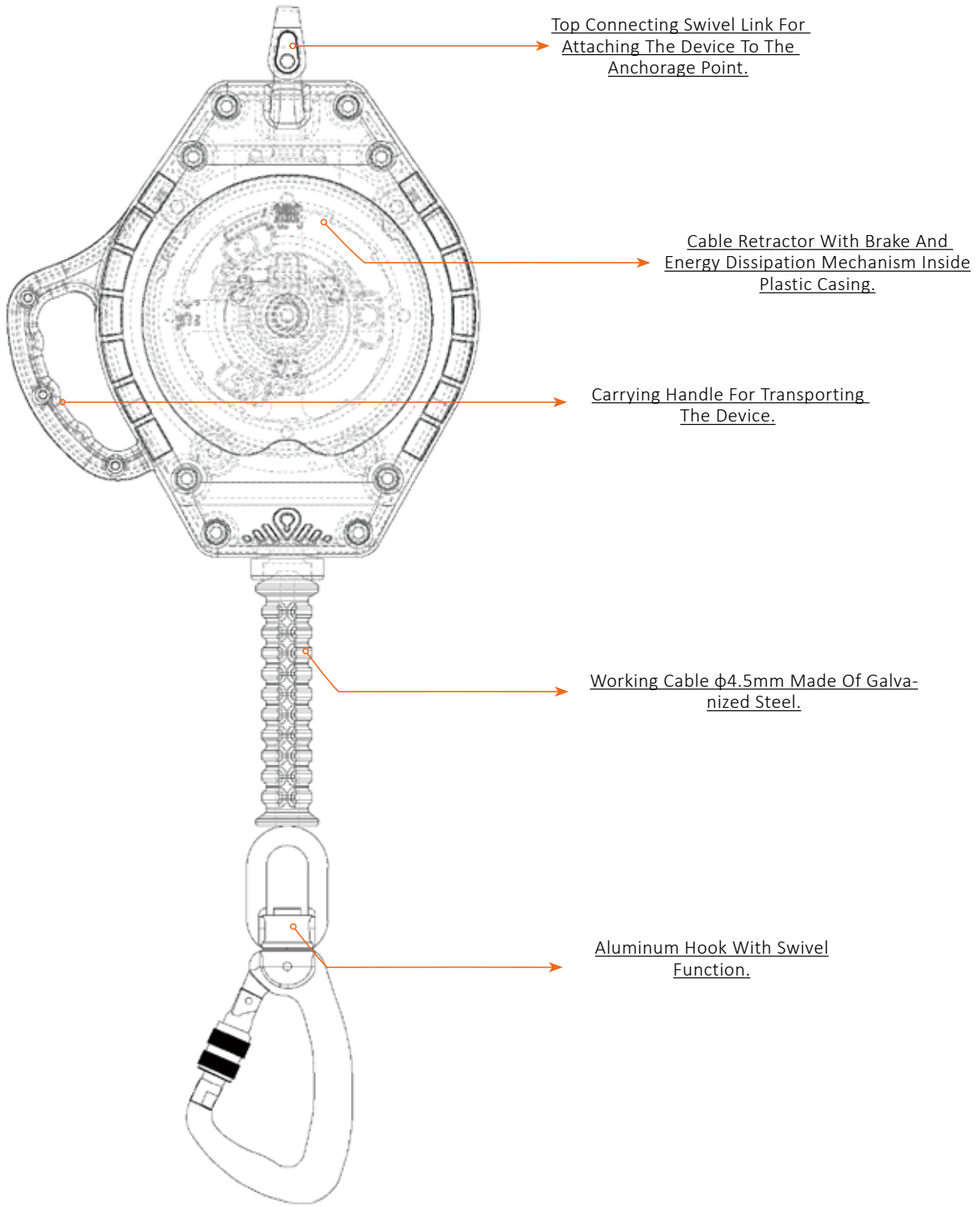
RFF.	HT-MD780	HT-MD7100	HT-MD7120	HT-MD7150
Length	80m	100m	120m	150m
CE	EN341:2011,class A			

HT-MD06

Rescue descent

•Aluminum alloy shell, lightweight, lightweight and durable, good heat dissipation performance;
•Double brakes increase safety and make use more assured;
•Integrated lugs for more effective control of the descent speed during rescue;
•The two-way wheel hub, when one end of the hook rises, the other end falls, and after the descending escape is completed, you can immediately start descending and escape again;
•9.6mm static rope, super tough and wear-resistant;
•Life-saving self-locking spring hook, in line with EN362;
•Descent height:
140kg for a single person, using the maximum descending height of 500m,
250kg for two persons, the maximum descent height is 175m;
•Descent speed: 0.85m/s
•Rope type: static rope EN1891 type A
•Rope strength: 25kN
•The descending device is configured on the lifting work platform and is used for wind power towers, cable cars, derricks, etc., for emergency rescue operations, and can also be used for rescuers in harsh environments;

RFF.	HT-MD680	HT-MD6100	HT-MD6120	HT-MD6150
Length	80m	100m	120m	150m
CE	EN341:2011,class A			



HT-W02

HT-W02L

HT-W02Y

HT-W02YL

HT-W03

HT-W06

HT-W10

HT-C03

HT-C06

HT-C10

HT-C15/ HT-C20

HT-W02

Webbing fall arrester with energy absorber

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
1.8m	20mm	15kN	100kg	PA	Black	EN360:2002

HT-W02L

Webbing fall arrester with energy absorber

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
1.8m	20mm	15kN	100kg	PA	Black	EN360:2002

HT-W02Y

Webbing fall arrester with energy absorber

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
1.8m	20mm	15kN	100kg	PA	Black	EN360:2002

HT-W02YL

Webbing fall arrester with energy absorber

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
1.8m	20mm	15kN	100kg	PA	Black	EN360:2002

HT-W03

Webbing fall arrester

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
3m	20mm	15kN	100kg	PA	Black	EN360:2002

HT-W06

Webbing fall arrester

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
6m	25mm	15kN	100kg	PA	Black	EN360:2002

HT-W10

Webbing fall arrester

Webbing Length	Webbing Width	Webbing Strength	Max Load	Cover Material	Color	CE
10m	25mm	15kN	100kg	PA	Black	EN360:2002

HT-C03

Steel wire rope fall arrester

Steel Wire Lenght	Steel Wire Dia	Steel Wire Strength	Max Load	Cover Material	Color	CE
3m	4.5mm	12kN	100kg	PA	Black	EN360:2002

HT-C06

Steel wire rope fall arrester

Steel Wire Lenght	Steel Wire Dia	Steel Wire Strength	Max Load	Cover Material	Color	CE
6m	4.5mm	12kN	100kg	PA	Black	EN360:2002

HT-C10

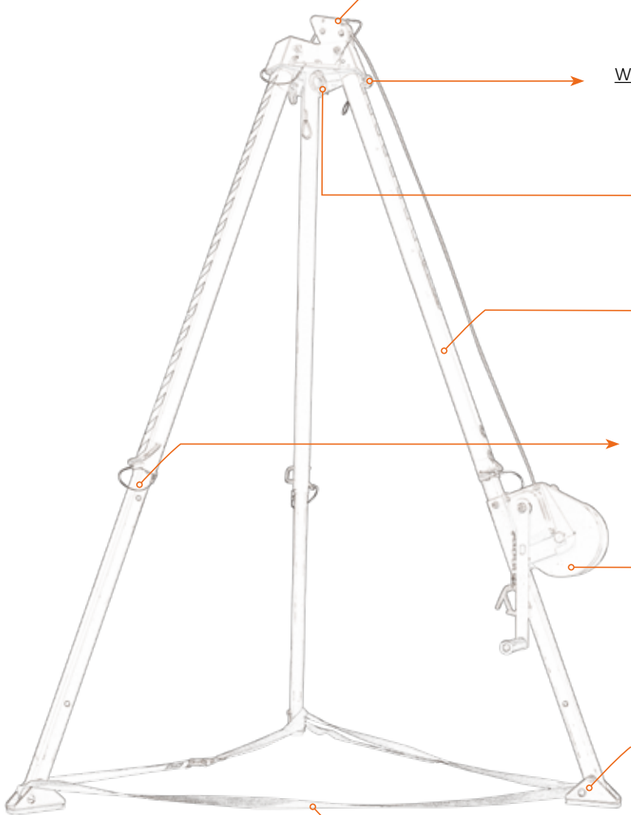
Steel wire rope fall arrester

Steel Wire Lenght	Steel Wire Dia	Steel Wire Strength	Max Load	Cover Material	Color	CE
10m	4.5mm	12kN	100kg	PA	Black	EN360:2002

HT-C15/ HT-C20

Steel wire rope fall arrester

Steel Wire Lenght	Steel Wire Dia	Steel Wire Strength	Max Load	Cover Material	Color	CE
15m	4.5mm	12kN	100kg	PA	Black	EN360:2002
20m	4.5mm	12kN	100kg	PA	Black	EN360:2002



HT-901
Rescue tripod

For access in confined spaces.
With two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing a cable.
Having two auxiliary eye bolts as attachment points.
Aluminium alloy cast head, legs in Aluminium.
Steel support-shoes provided with rubber sole to increase friction and impart more stability.

Adjustable Height	1.15m to 2.15m
Wheelbase Footprint	1.8m Diameter
Weight	12.15kg
Max Load Capacity:	500kg
CE	EN795:2012

HT-902
Rescue tripod with winch

The rescue tripod consists of main parts, sling, capstan, and protection chains. Be made of durable super light aluminum alloy, adjustable legs, safety factor more than 10. Automatic lock capstan for rising and falling, to protects sling work. The cable of sling is made of stainless steel, good tenacity and rust proof. Convenient combination is suitable to fix at the well and pit mouth. Out of limit of the ground unevenness.

Adjustable Height	1.15m to 2.15m
Wheelbase Footprint	1.8m Diameter
Winch Wirerope	20m/30m
Max Load Capacity	500kg
Packing Size	175*25*25cm
Weight	≤30kg
CE	EN795:2012

HT-905

Rescue tripod

For access in confined spaces.
With two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing a cable.
Having two auxiliary eye bolts as attachment points.
Aluminium alloy cast head, legs in Aluminium.
Steel support-shoes provided with rubber sole to increase friction and impart more stability.

Adjustable Height	1.15m to 2.15m
Wheelbase Footprint	1.8m Diameter
Weight	12.15kg
Max Load Capacity:	500kg
CE	EN795:2012

HT-906

Rescue tripod with winch

The rescue tripod consists of main parts, sling, capstan, and protection chains. Be made of durable super light aluminum alloy, adjustable legs, safety factor more than 10. Automatic lock capstan for rising and falling, to protects sling work. The cable of sling is made of stainless steel, good tenacity and rust proof. Convenient combination is suitable to fix at the well and pit mouth. Out of limit of the ground unevenness.

Adjustable Height	1.15m to 2.15m
Wheelbase Footprint	1.8m Diameter
Winch Wirerope	20m/30m
Max Load Capacity	500kg
Packing Size	175*25*25cm
Weight	≤30kg
CE	EN795:2012

HT-MD01

Track anchor devices

Designed for fall protection and rope access work positioning.
The clamps attach without tools to construction girders either overhead or underfoot.

Material	Weight	Min breaking Strength	Girders Width	CE
AL	2.3kg	23kN	76-300mm	EN 795

HT-MD02

Track anchor devices

Designed for fall protection and rope access work positioning.
The clamps attach without tools to construction girders either overhead or underfoot. Suitable for working occasions in linear area or continuous annular working area.

Material	Weight	Min breaking Strength	Girders Width	CE
AL	3.5kg	22.3kN	76-300mm	EN 795

Stainless steel hanger plates

Stainless steel hanger plates and bolts for permanent anchor points.
Available in 2 different bolt sizes.

Art No.	Material	Diameter	Strength
HT-MD03-A	Stainless Steel	10mm	25kN
HT-MD04-A		12mm	30kN

Bolt

Stainless steel hanger plates and bolts for permanent anchor points.
Available in 2 different bolt sizes.

Art No.	Material	Diameter	Length
HT-MD03-B	Stainless Steel	10mm	90mm
HT-MD04-B		12mm	110mm

Anchor kit

Art No.	Material	Diameter
HT-MD03	Stainless Steel	10mm
HT-MD04		12mm

HT-A01

HT-A02

HT-A03

HT-A04

HT-K01

HT-K02

HT-G01

HT-N03

HT-N01

HT-N02

HT-G03

HT-G02

HT-G05

HT-G06

HT-717L

HT-717R

HT-A01

Hand ascender
Left hand

Material	:AL
Rope dia	:9-12mm
Strength	:4kN
Color	:orange
Weight	:250g
CE	:EN567:2013

EN12841:2006 - type B

HT-A02

Hand ascender
Right hand

Material	:AL
Rope dia	:9-12mm
Strength	:4kN
Color	:orange
Weight	:250g
CE	:EN567:2013

EN12841:2006 - type B

HT-A03

Chest ascender

Material	:AL
Rope dia	:9-12mm
Strength	:4kN
Color	:orange
Weight	:160g
CE	:EN567:2013

HT-A04

Manually operated
Descender device

Rope dia	:9-12mm
Strength	:2kN
Color	:orange
Weight	:340g
CE	:EN12841:2006 - type C
	EN341:2010

HT-K01

8 Figure

Material :AL
Rope Dia :8-13mm
Strength :30kN
Color :orange
Weight :146g
CE :EN15151-2:2013

HT-K02

8 Figure

Material :AL
Rope Dia :8-13mm
Strength :40kN
Color :orange
Weight :252g
CE :EN15151-2:2013

HT-G01

Belay Device

Material :AL
Rope Dia :8-11mm
Strength :25kN
Color :orange
Weight :70g
CE :EN15151-2:2013

HT-N03

Innovanted rotating anchor

Material :AL
Strength :30kN
Color :orange
Weight :165g
CE :EN354:2010

HT-N01

Rigging plated 1/3

Material :AL
Strength :36kN
Color :orange
Weight :62g

HT-N02

Rigging plated 3/5

Material :AL
Strength :35kN
Color :Black
Weight :150g

HT-G03

Rope Grab

Material :AL
Rope Dia :10-12mm
Strength :2kN
Color :orange
Weight :170g
CE :EN353-2:2002
,EN12841:2006 - type A

HT-G02

Rope Grab

Material :AL
Rope Dia :8-12mm
Strength :2kN
Color :orange
Weight :220g
CE :EN353-2:2002

HT-G05

Rope grab

Material :Steel
Rope Dia :14-16mm
Weight :265g
CE :EN353-2:2002

HT-G06

Rope grab

Material :Steel
Rope Dia :8/10mm
Weight :493g
CE :EN353-1:2014

HT-717L

Foot ascender
Left foot

Material :AL
Rope Dia :8-13mm
Color :orange
Weight :125g

HT-717R

Foot ascender
Right foot

Material :AL
Rope Dia :8-13mm
Color :grey
Weight :125g

HT-P06

Universal pulley

Material	: 7075
Diameter	: <12mm
Strength	: 24kN
Color	: orange
CE	: EN12278:2007

HT-P07

Universal pulley

Material	: 7075
Diameter	: <12mm
Strength	: 24kN
Color	: orange
CE	: EN12278:2007

HT-P01

Single pulley

Material	: AL
Rope dia	: <15 mm
Strength	: 24kN
Color	: Orange
CE	: EN12278:2007

HT-P03

Single pulley

Material	: AL
Rope dia	: <15mm
Strength	: 30kN
Color	: Orange
CE	: EN12278:2007

HT-P04

Double pulley

Material	: AL
Rope dia	: <15 mm
Strength	: 30kN
Color	: Orange
CE	: EN12278:2007

HT-P05

Double pulley

Material	: AL
Rope dia	: <14mm
Strength	: 24kN
Color	: Orange
CE	: EN12278:2007

HT-R01

HT-R01T

HT-R02

HT-R03

HT-R04T

HT-R04

HT-R04S

HT-R05T

HT-R05

HT-R06T

HT-R06

HT-R15T

HT-R15

HT-R15S

HT-R17T

HT-R17

HT-R17S

HT-H14

HT-H18

HT-H19

HT-H03

HT-X05

HT-H08

HT-R01

Lock system : Screwlock
Material : ST
Diameter : 8mm
Gate open : 10.5mm
Strength : 26kN
CE : EN362: 2004-Q

HT-R01T

Lock system : Screwlock
Material : ST
Diameter : 8mm
Gate open : 11mm
Strength : 27kN
CE : EN362: 2004-Q

HT-R02

Lock system : Screwlock
Material : ST
Gate open : 20mm
Strength : 25kN
CE : EN362: 2004-B

HT-R03

Lock system : Twistlock
Material : ST
Gate open : 17mm
Strength : 23kN
CE : EN362: 2004-B

Triactlock system

HT-R04T

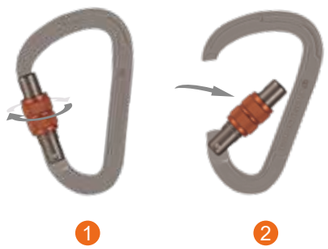
Lock system : Screwlock
Material : ST
Gate open : 26mm
Strength : 35kN
CE : EN362: 2004-B

HT-R04

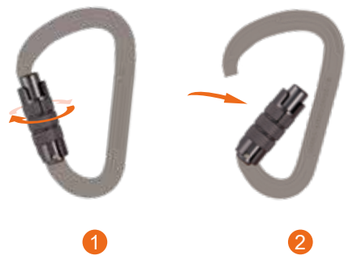
Lock system : Twistlock
Material : ST
Gate open : 26mm
Strength : 35kN
CE : EN362: 2004-B

HT-R04S

Lock system : Triactlock
Material : ST
Gate open : 26mm
Strength : 35kN
CE : EN362: 2004-B



Screwlock system



Twistlock system

HT-R05T

Lock system : Screwlock
Material : AL
Gate open : 19mm
Strength : 25kN
CE : EN362: 2004-B

HT-R06T

Lock system : Screwlock
Material : AL
Gate open : 24mm
Strength : 23kN
CE : EN362: 2004-B

HT-R05

Lock system : Twistlock
Material : AL
Gate open : 19mm
Strength : 25kN
CE : EN362: 2004-B

HT-R06

Lock system : Twistlock
Material : AL
Gate open : 24mm
Strength : 23kN
CE : EN362: 2004-B

Triactlock system

HT-R15T

Lock system : Screwlock
Material : AL
Gate open : 22mm
Strength : 35kN
CE : EN362: 2004-B

HT-R17T

Lock system : Screwlock
Material : AL
Gate open : 26mm
Strength : 26kN
CE : EN362: 2004-B

HT-R15

Lock system : Twistlock
Material : AL
Gate open : 22mm
Strength : 35kN
CE : EN362: 2004-B

HT-R17

Lock system : Twistlock
Material : AL
Gate open : 26mm
Strength : 26kN
CE : EN362: 2004-B

HT-R15S

Lock system : Triactlock
Material : AL
Gate open : 22mm
Strength : 35kN
CE : EN362: 2004-B

HT-R17S

Lock system : Triactlock
Material : AL
Gate open : 26mm
Strength : 26kN
CE : EN362: 2004-B

HT-H14

Material : Steel
Gate open : 17mm
Strength : 23kN
Weight : 200g
CE : EN362: 2004-T

HT-H18

Material : AL
Gate open : 25mm
Strength : 40kN
Weight : 125g
CE : EN362: 2004-T

HT-H19

Material : AL
Gate open : 22mm
Strength : 28kN
Weight : 165g
CE : EN362: 2004-T

HT-H03

Material : Steel
Gate open : 55mm
Strength : 25kN
Weight : 470g
CE : EN362: 2004-A

HT-X05

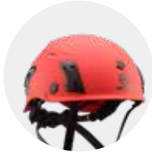
Material : AL
Gate open : 61mm
Strength : 25kN
Weight : 460g
CE : EN362: 2004-A

HT-H08

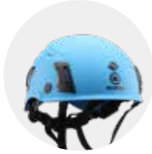
Material : AL
Gate open : 105mm
Strength : 23kN
Weight : 895g
CE : EN362: 2004-A

HT-18601

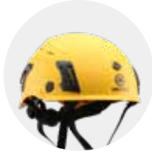
HT-18602



HT-18603



HT-18604



HT-18605

White	Black	Orange	Blue	Yellow
HT-18601	HT-18602	HT-18603	HT-18604	HT-18605

Special features:

- This helmet is a comfortable industrial helmet, very light;
- With 17 ventilation holes, it can make the head air flow more smoothly;
- The inner lining is made of EPP (expanded polypropylene) and EPS (expanded polystyrene) materials;
- Adjustable chin strap, allowing self-adjustment of strength, very suitable for working on high places and on the ground;
- This multifunctional helmet has the following characteristics:

1.Side-fixing system goggles
2.Headlights with elastic headwear
3.Hearing protection device;

- The helmet is suitable for different environments, working at height (EN 12492) or working on the ground (EN 397);
- The size is suitable for people with a head circumference of 56~62 cm;

HT-18710

Visor

Main characteristics:
•Polycarbonate technical visor compatible with Work
•Full protection from fragments of ice, snow, etc.
•Anti-scratch treatment outside
•Available in transparent

HT-1870

Half-finger gloves

Used for rope rescue and daily climbing training
•The palm is made of goat head leather, which is soft and wear-resistant.
• Double-layer anti-wear reinforcement for palm, index finger, and thumb working parts, and yellow wear-resistant aramid thread for strong sewing
•The back of the hand is made of stretch polyester fabric, and the fingers can bend freely and work flexibly.
•The wrist has a symmetrical 17mm keyhole, which is convenient for hanging on the seat belt with a lock and easy to use.

Material: Goatskin, Polyester, Neoprene, Lycra

SizeSize: M/L/XL

HT-1871

Full-finger gloves

Used for rope rescue and daily climbing training
•The palm is made of goat head leather, which is soft and wear-resistant.
•Double-layer anti-wear reinforcement for palm, index finger, and thumb working parts, and yellow wear-resistant aramid thread for strong sewing
•The back of the hand is made of stretch polyester fabric, and the fingers can bend freely and work flexibly.
•The wrist has a symmetrical 17mm keyhole, which is convenient for hanging on the seat belt with a lock and easy to use.•Suitable for use with seat belts and small items

Material: Goatskin, Polyester, Neoprene, Lycra

SizeSize: M/L/XL

HT-B01

Bag 2L

•The cloth bag uses a Velcro device, which is convenient to open and close the bag
•Suitable for use with seat belts and small items

Material	Size	Weight	Color
500D Oxford cloth	15x8x21cm	95g	Black

HT-B02

Bag

•Easy to open and close drawstring bag
•Suitable for use with seat belts and small items

Size	Weight	Color
38*28cm	40g	Black

HT-B03

Rope bag (caving/tracing the river) 45L

•PVC mesh (1000D), high-frequency compression, strong and wear-resistant; the thickened waist belt and shoulder strap are more suitable for users to carry on long distances;
•Built-in ID card slot cover, reduce the direct impact of running water on the bag mouth, strengthen the waterproof performance, and reduce the hooking when crossing complex road sections;
•Fabric environmental protection

Material	Size	Weight	Color
1000D PVC	35X55cm	1500g	orange black

HT-B05

Rope bag (caving) 35L/60L

•PVC mesh (1000D), high-frequency compression, strong and wear-resistant; soft and comfortable; special pocket fasteners, help to open and close the pocket quickly;
• Moderate size, PVC barrel design, taking into account different purposes, the body of the bag has multiple hanging points, which can be transported and lifted;
• Fabric environmental protection

HT-B06

Rope bag (caving) 25L/35L

• PVC mesh (1000D), high-frequency compression, strong and wear-resistant; the backpack is padded, and the thickened waist belt and shoulder strap are more suitable for users to carry on long distances;
• Moderate size, PVC bucket design, taking into account different purposes, the bag is equipped with multiple hanging points can be lifted and lifted;
• Fabric environmental protection

HT-1970

Stretcher

•The stretcher is made of stainless steel tube (carbon steel) and net, which will not cause additional damage to the patient, and is stronger than ordinary stretchers;
•The back is equipped with foam pads, net linings, and safety belts;
•The stretcher is equipped with adjustable foot safety mechanism;
•The stretcher is equipped with 4 slings for easy suspension and disassembly;
•Thread connection, bottom pin type connection structure, can realize quick disassembly and assembly;
•Split structure to achieve more convenience for storage and transportation;
•This product can be used in a variety of angle environments such as vertical, translation, and slope;
The structure of this rescue stretcher focuses on the particularity of first aid, such as rugged mountainous, air or sea rescue; the frame is sturdy and durable, and the simple and reliable device allows the operator to take first aid measures safely and quickly;

Material：stainless steel、polyester	Weight：17kg
Color：silver	Loading capacity：350kg
Size：219*63*27cm	

HT-1971

Stretcher

•The stretcher is made of non-toxic and non-polluting PE material, which has the functions of fire prevention, abrasion resistance and corrosion resistance;
•The stretcher is equipped with adjustable foot safety mechanism;
•The plastic bottom foam cushion provides comfortable support for the injured back;
•The stretcher is equipped with 4 slings for easy suspension and disassembly;
•Split structure to achieve more convenience for storage and transportation;
•This product can be used in a variety of angle environments such as vertical, translation, and slope;
•The structure of this rescue stretcher focuses on the particularity of first aid, such as rugged mountainous, air or sea rescue; the durable frame, simple and reliable device allows operators to take first aid measures safely and quickly.

Material：PE	Weight：21kg
Color：Orange	Loading capacity：300kg
Size：218*62*18cm	

HT-1972

Stretcher

•Attach the rope to the traction rope with the carabiner;
•The stretcher is equipped with 4 slings for easy suspension and disassembly;
•The roll structure provides more convenience for storage and transportation to adapt to irregular or narrow terrain;
•This product can be used in a variety of angle environments such as vertical, translation, and slope;
•This roll stretcher can be installed in a 45L backpack to reduce the difficulty of carrying during the journey;
•This rescue stretcher is suitable for all rope rescue techniques, especially in confined spaces;

Material：Nylon	Weight：3kg
Color：orange	Size：82*71cm

HT-1973

Stretcher Board

•This stretcher board is made of PE material, which is non-release and pollution-free, strong and durable,
•X-ray transmission is available;
•The stretcher is equipped with a safety belt;
•The stretcher can be used in combination with the head holder;
•The simple and reliable device allows operators to take first aid measures safely and quickly;

Material：PE	Weight：6.5kg
Color：Orange	Loading capacity：159kg
Size：186*41*5cm	

HT-1975

Head Holder

•This head holder is supported by high-density plastic, with two ear holes on both sides;
•Can be used with a slat stretcher;
•This head holder is waterproof, easy to clean, and anti-virus infection;

Material:Plastic	Weight：1kg
Color：Red	Size：40*26*16cm

HT-S05

Harness	: HT-311
Fall Arrest	: HT-W02
Sling	: HT-MD07-60
Bag	: HT-B05

HT-S06

Harness	: HT-321
Work position lanyard	: HT-613
Sling	: HT-MD07-60
Carabiner	: HT-R06
Energy absorber lanyard	: HT-509YL
Bag	: HT-B05

HT-S02

Harness	: HT-315
Flexible anchor line	: HT-615
Sling	: HT-MD07-60
Gloves	: HT-1871
Bag	: HT-B05

HT-S04

Harness	: HT-316T
Static lanyard	: HT-623
Flexible anchor line	: HT-615
Energy absorber lanyard	: HT-509YL
Sling	: HT-MD07-60
Carabiner	: HT-R06
Gloves	: HT-1871
Bag	: HT-B05

International quality certification