

SPRING 2011

ACCESS

magazine

NEW ROPE LAUNCHERS
MARINE BOARDING MADE EASY

ASSAULT ASCENDER
BATTERY OPERATED ROPE CLIMBER

ACCESS SOLUTIONS
TRAINING & EQUIPMENT PACKAGES

HOOKED ON POLES..?
AN OVERVIEW OF THE LATEST TECHNOLOGY

GET ON IT, GET IN IT, GET OVER IT!
EQUIPMENT FOR URBAN, MARINE & REMOTE OPERATIONS

safe  *tactics*



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COMPREHENSIVE ACCESS SOLUTIONS

Regardless of being onshore or at sea, in urban or remote locations like mountainous areas; Safe Tactics is your partner solving all difficult operational challenges. A unique one stop shopping formula we offer world wide.

At Safe Tactics you will find experts with many years of "hands-on" experience in your field of operation. Our service and products are valued by many teams around the world. Our badge has become a recognized sign of quality.

This magazine features an important part of the services, products and training we offer in this field of expertise. In the summer of 2011 Safe Tactics will also issue a "Tactical Technology Magazine".

In this magazine we concentrate on solutions for high angle operations:

- Industrial access & rescue
- Urban Access
- Marine Access (vessel & rig boarding)
- High angle covert surveillance operations
- Hostage Rescue
- MTNOPS
- USAR (including high angle K9 operations and MTN Rescue)

Get on it, get in it, get over it!

In many cases operations require a certain amount of equipment. Modern equipment provides safety and effectiveness. In some cases it is better to use minimal equipment. This however requires an excellent level of competence (read: climbing skills) which can be demonstrated after successful completion of one of our training courses. The best choice is depending on many factors!

Tell us your requirements... we will provide the best possible solution for your team!

WORK AT HEIGHT & RESCUE

Our "Work & Rescue" Courses follow HSE guidelines and EU-requirements for working at height. They have been developed in close cooperation with our sister company Ascent Safety; which is a full member of both IRATA & SPRAT (worlds leading Rope Access Associations) and is a widely recognised specialist in the field of Height Safety and Rescue! We have combined this knowledge with our tactical background and experience. This cooperation results in bomb-proof work solutions! Our training certifies that your operators meet all legal requirements for the job!

URBAN ACCESS

With the help of our extensive network we developed a comprehensive Tactical Urban Access Course (TUAC). This is not about abseiling and making silly knots. Rather than showing techniques that look fancy, we provide solutions that work! With the help of your new trained climbing skills and the aid of innovative equipment you will be able to go beyond the point where you had to stop before. And, as always, in a safe and effective manner.

The course covers the use of a wide variety of innovative equipment (launchers, poles and ascenders) as well as basic climbing skills and the use of minimal gear in urban environment. Scenario training is an essential part of the course. Candidates have to be very fit. At the end of the course it all comes together in various practical scenarios. Successful completion of the Advanced Level certifies the candidate to be "Urban Access Specialist".

MARINE ACCESS

Use of modern boarding equipment: the assault ascender, rope launchers, poles and hooks.

MTNOPS, MTN SAR, USAR

Training in this field of operation almost always constitutes in tailor made programmes.

SAFE TACTICS TRAINING CENTRE OR ON SITE

Most of the courses are held in our own 1000m² tactical training center near AMS Airport in the Netherlands. Many of the courses can also be facilitated on site (worldwide).

WHY SAFE TACTICS?

Our mission in regards to training:

- Follow all the international Health and Safety (HSE) standards, directives and guidelines
- Latest technology and equipment on the market being used
- Safety measurements are important but have to be reasonable in regards to the job
- Strong relation with field of operation (train to the job)
- All training is developed in cooperation with the customer: tailor made and flexible
- Possibility to implement training solutions on short notice
- Fair price / quality proportion

Like you do, we want your operators to return home safe. Safe Tactics clocks up an impressive track record with over 10 years experience in this field of operation and a zero accident rate!

Safe & effective. As usual.

TRAINING	DAYS	On site	Netherlands	PARTICIPANTS / TRAINER
Rope Access Basic	5	✓	✓	4
Rope Access Advanced	5		✓	4
Rope Access Supervisor	5		✓	4
Rope Rescue Basic	5	✓	✓	4
Rope Rescue Advanced	5		✓	4
Rope Rescue Supervisor	5		✓	4
Rope Access & Rescue Instructor	20*		✓	4
High Angle K9 Operations	7*	✓	✓	2
Suicide Jumper Intervention/Rescue	2	✓	✓	4
Tactical Urban Access Course (TUAC)	10		✓	4
Urban Access Package Training***	5	✓	✓	6
Marine Access Package Training***	5	✓	✓	6
Mountain Rescue (Slopes & Rock)	10	**		4
Mountain Rescue (Snow & Ice)	10	**		4
Tailor made courses	---	✓	✓	---

*minimal if no previous certification - ** various training venues in the Alpes - *** based on the Packages described on page 12/13.

Access Launchers



This Magazine features an important part of the products and services Safe Tactics provides in the field of ACCESS. It is however impossible to cover all topics and information in this issue. Check www.safetactics.eu for a full overview, the latest information on products and to learn about our other fields of expertise.

RANGE

The range depends on the fire pressure selected and on type and diameter of rope used (see specifications on the right). Of course wind is always a factor. By choosing the right pressure and angle you can pretty much

shoot the projectile where you want it to be. Of course you can also use the launcher without the grapnel (to shoot a line across a canyon, ship-to-ship, etc.).

STONG, DURABLE, EASY TO MAINTAIN AT LOW COST

Having dealt with launchers for many years in both operations and trainings we learned that reliability is one of the main concerns. Even if used heavily during long training only a few very cheap spares are needed to maintain the launcher in perfect condition. Very cost effective if used frequently. The main O-rings can be changed in the field by every operator without technical knowledge. Even without any tools! It is built super robust. It will probably still work if you drive over it with a car.

LIVE EXPECTANCY AND SERVICE REQUIREMENTS

If properly maintained our launchers will be in service for a very long time. The technicians behind the TAGS® Launchers are the same that introduced the first air launchers on the market; 20 years ago. Many of these units are still in service around the world today!



TAGS® COMPACT LAUNCHER

The Compact Launcher uses a relatively low pressure to give the projectile its initial push. The lightweight polymer projectile base hits the surface first avoiding loud noise on impact. Very low profile!



TAGS® SILENT LAUNCHER

The revolutionary new Silent Launcher uses a whole new patented design and is defining a whole new category. Not only the volume of the sound is less; the sound signature is completely different (comparable to the way silencers on fire arms work).



TAGS® ROPE AND LADDER LAUNCHERS

TAGS® high performance pneumatic launchers are specifically designed for use in the toughest maritime and urban environments. They are extremely effective and easy to use in difficult special operations (diving, boat-based and land-based). Meet the most durable launchers on the market today. They are surprisingly simple to maintain -even in the field if necessary- and require only few spares to take along. The systems are very cost effective if used frequently and extremely reliable.

COMPACT LAUNCHER & SILENT LAUNCHER

Our brand new TAGS® Launchers have been specifically designed for use in the toughest maritime, remote and urban environments. Field tests with operators have shown that the launcher is extremely effective and easy to use in difficult special operations (diving, boat-based and land-based) and has important advantages over existing products that are in service with many units today.

SIMPLE TO USE

Rather than designing products that look fancy TAGS offers products that work! After building the first prototypes we thought "how can we make this product look more cool". Soon we came to the conclusion that it would be better to keep things simple and robust. Using it in extreme cold weather conditions with unexperienced users we came to the conclusion that this was a very wise decision. The launchers are extremely easy to operate.

A compact rope container can be mounted on the left or right side of the barrel and fits 50 meters of 8mm rope (both left- or right-handed operation possible). You can also fit both. The optional underslung rope canister is slightly bigger as it covers the air pressure bottle underneath the launcher barrel (the underslung rope canister is shown in the picture on top of this page). The dedicated ladder canister fits a 20m FibreLight II

ladders and is mounted beneath the barrel as well. No tools or difficult actions are needed to mount any of the canisters. You can easily mount them wearing thick gloves in pitch dark. Two simple rubber bands prevent the rope or ladder falling out of the canister. TAGS Launchers fitted with a folding stock (for compact storage).

HOW SIMPLE...?

Push the projectile in the barrel. Put safety catch on. The safety catch puts a 100% mechanical lock on the projectile. Rest assured we made it very reliable. Open the main valve to pressurize the pressure chamber (have a look at the gauge and pressurize depending on the height needed). Then aim, release the safety catch off and pull the trigger. That's all...

After a shot you can immediately re-start the process; just put another projectile in and shoot again. It is possible to fire 3-4 projectiles without the need to exchange the 500cc air bottle. No shot fired? Make sure the safety catch is on and release the air from the pressure chamber using the release valve. Remaining bottle pressures can be measured with a separate bottle pressure tester (included in all SF Kits).

The air bottle can be exchanged very easily in the field as well. Bottles can be filled using any scuba diving tank or scuba compressor. The filling assembly fits both 200bar INT/DIN and 300bar DIN systems.

FEATURE	COMPACT LAUNCHER	SILENT LAUNCHER
Weight launcher	4kg	5kg
Weight operational*	7kg	8kg
Overall length (folded)	53cm	65cm
Rope 8mm	45m	35m
Rope 11mm	35m	30m
FibreLight II Ladder	20m	15m
Distance rope 3mm	> 120m	> 100m

Preliminary specifications. *Incl. canister, bottle, projectile.



Compact Launcher two canisters mounted



Compact Launcher with stock folded



Side Mount Rope Canister



Projectile with FibreLight II ladder

LAUNCHER KITS

Item code	Description	
TG CLBK	Compact Launcher Basic Kit	Basic Kit; all you need to fire a projectile
TG CLSF	Compact Launcher SF Kit	Comprehensive Kit with several projectiles, payloads and spares
TG SLSF	Silent Launcher SF Kit	Comprehensive Kit with several projectiles payloads and spares

Training in the use of launchers strongly recommended. All Kits can be upgraded to meet specific demands.

Assault Ascender



Visit www.actsafetactical.com for latest information and learn how our ascender range is being used in tactical and rescue operations; in industrial, urban, maritime and remote area's. Several applications are highlighted for boarding ships and other maritime operations, for tactical ascending and descending and complex rescue scenario's. The possibilities however are only limited by your imagination.

KEY FEATURES:

- **Speed equals safety**
Minimum exposure time for the operator. Extremely high ascending/descending speeds
- **One hand operation**
Allowing the other hand to operate a weapon or care for a patient
- **Designed for covert operations**
Low noise, indicator lights can be switched off
- **Waterproof**
The T1-16 allows a diver to take it to 10m depth, can be made buoyant and can be operated below the water surface; making it the ideal boarding tool
- **Compact and easy to carry around**
Fully integrated battery system
- **Recharging during descents**
- **Very fast recharging on AC**
- **Excellent grip on several types of rope**
Even on soaked ropes
- **Quick and easy rope loading**
Even in full darkness or under water
- **Quick release system**
The ascender can be disconnected from the operator instantly by a one-hand operation
- **Remote control**
Adding even more applications

ACCESS WITHOUT COMPROMISE

The Actsafe Tactical Ascenders range can be used in tactical and rescue operations in diverse and demanding areas. Only imagination sets the limits.

MOUNTAIN & REMOTE

Ascenders can be used for winching gear; weapons and other equipment. It lets you gain access in difficult situations like inclined and vertical terrain, cliffs, rock face, slopes and so on.

URBAN ACCESS

Easy access to high and deep structures like buildings, confined spaces, shafts and cranes. It is ideal for both overt and covert applications.

RESCUE OPERATIONS

At rescue operations both active and passive lowering and hoisting of the stretcher is possible, either with or without the medic attached. Powered ascenders are also ideal for removal of fallen objects (collapsed buildings, rock fall, etc).

BOARDING & MARINE

As a diver you can take it to a depth of 10 meters, approach the vessel, deploy a line with your line throwing appliance and simply winch yourself up to the top. Attach the ascender to a strong point and hoist up the rest of your team with a speed of 2 meters per second!

MEET THE ULTIMATE TACTICAL ASCENDER

Regardless of being onshore or at sea, in urban or remote locations; the new state-of-the-art T1-16 Assault Ascender has been developed for tactical- and rescue operations under extreme conditions. These unique, watertight battery-powered Ascenders are almost silent and can ascend and descend at very high speeds. Giving you great tactical advantage, our Ascenders will not only make your operations more effective but also safer.



T1-16 ASSAULT ASCENDER

Instead of strenuous climbing a rope or ladder you just ride the rope! One hand operation ensures you are able to operate your weapon and lets you fully concentrate on your task. Once the first operator is on top the rest of the team can be winched up easily by using the remote control system.

The ascender is developed for both land and maritime based operations. It is watertight to a depth of 10 meters and fully functional 1,5 meters below the water surface, making it the ideal tool for difficult diving operations.

With important input of both active and former special operators we developed our brand new innovative Tactical Ascender Range. Our Ascenders will give you all the possibilities that you have always looked for in gaining access to difficult positions. We have listened to your demands and we are sure that these amazing devices will meet up to all your professional requirements.

At this moment the Ascender is being used by many Military and Law Enforcement special operations teams around the world.

Field tested and proven in action.



Assault Ascender

Hooks & Poles

FEATURE	T1-16 ASSAULT ASCENDER
Ascending Speed	0 - 100 meters / minute
Descending Speed	0 - 145 meters / minute
Ascending Distance	Typically 400m with 120 kg operator
Descending Distance	Unlimited
Charging time	45 minutes
Rope loading time (anywhere on the rope)	Less than 10 seconds
Maximum lifting capacity	160 kg (320 kg in 2:1 pulley system). System switches off at SWLmax.
Lifting capacity optimised for	80 - 150 kg
Waterproof	10 meters (for diving operations; 4 hrs max.)
Under water Operations	✓ (can be operated 1,5 meters below the surface)
Buoyant	✓ (neutral at 6m. depth- and floating on surface with buoyancy aid)
One hand operation	✓
LEDs indicate battery capacity	✓
Display lights off mode (covert)	✓
Noise (slow - fast)	Silent - Low Noise
Rope type and diameter	EN 1891A 10-13 mm (rope grab for 8mm special rope optional)
Weight	17 kg (including internal battery system)

ASCENDER KIT

Item code	Description	Including
AS 50-170-001	T1-16 Assault Ascender SF Kit	Ascender unit, MIL spec box, speed charger, buoyancy aid, quick release, remote control hand unit.



T1-16 Assault Ascender Unit



T1-16 Assault Ascender SF Kit



Optional 8mm Rope Grab with TAGS Assault Rope



TAGS customized Peli Cases for Ascender and/or launcher

TRAINING IS ESSENTIAL

The use of our Tactical Ascenders is easy. Depending on your rope skills most operators are competent in using the unit after a two hour "awareness training". Safe Tactics, the world wide agent of ActSafe Tactical product range, also offers bespoke training courses, where you learn how to get the most out of the ascender.

OPTIONS

- Extra Quick Release / Buoyancy Aid
- Extra Remote Control Hand Unit
- Extra Speed Charger
- Ropegrab Special 8mm TAGS Assault Rope
- TAGS Assault Rope (8mm black)
- TAGS Tactical Rope (En 1891A/11mm black)
- TAGS Rescue Rope (En 1891A/11mm white with red tracer)
- TAGS Customized Ascender or Ascender/Launcher Case (by Peli)
- Bespoke Training



HOOKED ON POLES..?

Boarding vessels, platforms and climbing urban structures is often very tricky and involves difficult manoeuvres. Our poles and hooks are being used around the world and have proven to provide effective means to gain access quick and safe. We have learned that intensive contact with end users, continuous product development & testing and using only the best materials are the key elements to successful operations. Meet the latest technology.

TAGS CARBON FIBRE TELESCOPIC POLES

A lightweight, noiseless, easy to operate and super strong system. The CE certified hooks come in two sizes. The maximum break strength exceeds 1000kg.

The pivoting release system allows controllable freedom of movement when placing the hook and avoids that the connector pin gets jammed in the pole adapter. Although placing is very reliable and exact; detaching the hook remains extremely simple.

The "Swimmer Pole" is very rigid, easy to operate in heavy waters and extra long. Of course it can be used for land, boat- or vehicle based operations as well. The smaller "Hook On Pole" (shown right) is ideal for covert operations when the object is less than 10 meters high (both maritime and urban). Kits come with one hook and one ladder. All components can be purchased separate as well.



HOOK & POLE KITS

Item code	Description		Size
TG TPP1	TAGS Swimmer Pole Pack	Fibreight II Ladder, Connector, Large size Hook	3,5-16m
TG TPP2	TAGS Hook On Pole Pack	Fibreight II Ladder, Connector, Medium size Hook	1,8-9m
TG TP16	TAGS Carbon Fibre Swimmer Pole	Pole with top adapter only	3,5-16m
TG TP09	TAGS Carbon Fibre Hook On Pole	Pole with top adapter only	1,8-9m
TG TPACL	TAGS Access Hook L	Large Size Access Hook for various operations	230mm*
TG TPACM	TAGS Access Hook M	Medium Size Access Hook for various operations	150mm*

*Throat size. All hooks are standard fitted with a pivoting release system.

Ladders



COMPACT FLEXIBLE SIDED LADDERS

Exclusively for TAGS®; a complete re-design of the established Fibrelight Ladder. Where the "normal" Fibrelight Ladders carry the load of one operator; this one can take at least three at a time! Built for heavy use by Special Forces and Tactical Teams in harsh conditions!

TAGS® FIBRELIGHT II ASSAULT LADDERS

Lightweight, noiseless, non conducting, contains no metal parts and presents no radar signal.

The sides are flexible yet stable and the steps are reinforced with carbon fibre rods; making it easy to climb (far more easy than the traditional steel wire ladders), durable, safe and strong.

With the design of several existing fibre ladders you have to be very careful not to rig the ladder upside down as the stitching could break and rungs could come off. This has proven not always to be easy in the heat of an operation. The new Fibrelight II design can be loaded in both directions! Very safe when the going gets tough... The rung runs all the way through the sides of the ladder so it can not be pushed out of its pocket (something we have seen with other flexible ladders). Built for heavy duty military use in marine environment!

One end of the ladder has a single attachment point for fast and easy deployment. The other end has a two separate attachment points. You can use this side to put 2 ladders together (with the optional TAGS Ladder Connectors) or you can use this side to connect it to two separate anchor points to rig it slightly more stable. The choice is yours.

Available in both Single Rung 200mm and Double Rung 390mm widths. Rung spacing: 30cm. Using the optional Ladder Connector the spacing remains the same when joining two ladders (order 2 for the Single Ring and 3 for the Double Rung Ladder).

The Single Rung version is compact and lightweight. Although some experienced operators might still prefer the single rung version; the double rung version is faster, more stable and more comfortable to climb than the single rung version. Especially in situations where you must climb downwards.

COMPACT FLEXIBLE SIDED LADDERS

Item code	Description	Size*
TG FL SR05/10/15/20	Fibrelight II Assault Ladder Single Rung	5/10/15/20m
TG FL DR10/15/20	Fibrelight II Assault Ladder Double Rung	10/15/20m
TG MRNZ08.O B	TAGS Ladder Connector (black)	one

Other lengths made to order.

Ladders

MARINE BOARDING LADDER

The Marine Boarding Ladder was developed for British Armed Forces to enable Royal Marines to board ships under way for cargo inspections. The equipment which is now used by Military, Police and Custom's Officers for numerous maritime operations is constructed with a sealed aluminium upper section and a flexible shock resistant lower section to prevent damage to the RIB. The ladder top hook, is simply placed over handrails or the ships outer kickplates allowing the lower section stand off to touch the side of the vessel. The sealed upper section is fully buoyant even in fresh water allowing immediate recovery if accidentally lost overboard. The Marine ladder is fitted with two cushion rests, a cylum holder for night operations and a lashing strap to secure the upper section to the vessel in rough seas. Available in 2m and 3m versions. A 1 meter flexible ladder extension is optional. CE-Certified.



MARINE BOARDING LADDERS

Item code	Description	
CL 2M-MARINE	Marine Boarding Ladder 2M	Sealed, buoyant in water, fast boarding
CL 3M-MARINE	Marine Boarding Ladder 3M	Sealed, buoyant in water, fast boarding
CL 1M-MARINE	Marine Boarding Flexible Ladder Extension	

CLIMB ASSIST

Compact rigid ladder. Easy climbing over fences, walls and on structures. Ideal for urban operations. Should become standard issue for doghandlers.

Features:

- Pull down, slip resistant steps on both sides allowing two way climbing.
- Made of lightweight aluminium for easy portability, weighs only 7kg.
- Steps weight tested to support excess of 225 kg.
- Hook weight tested to support in excess of 315 kg.
- Rubberized at all key contact points for quiet deployment.
- Theft proof; handcuffs may be used to secure tool to fencing
- Angled at top and bottom for secured use against block walls, wood fencing and solid surfaces.
- Optional spike cap to protect the operator, your equipment and your dogs.

CLIMB ASSIST LADDERS

Item code	Description	
CA CAL	Climb Assist Ladder Kit	Ladder and Spike Cap
CA UEX	Climb Assist Extension	Connects 2 Ladders



Urban & Marine Packages



To get a better understanding how your team might benefit from our solutions we have added a short video on our website showing some of the applications. Please visit www.actsafetactical.com and click the MOVIE button.

URBAN & INDUSTRIAL SOLUTION PACKAGE

Don't worry about silly details. Training, procedures and all products needed to complete various tasks successful. Safe and efficient.

Our solutions are extremely easy to master and based around the idea that it should be organised in a way that all operators gain access without losing too much energy and can be brought to safety in case problems occur. Rather than teaching silly knots we are using systems ready to operate!

TOP DOWN: ROOF TOP APPLICATIONS

All you need for top-down operations with a maximum height of about 300 meters. Difficult access made easy. Have a look, place a camera, deploy a firing line, gain access. We show you how to get there in seconds, the rest is up to you.

BOTTOM UP: GET ON IT & GET OVER IT

Easy access to structures of about 10 meters height. Climb a roof top, get over a wall or fence, gain access to a balcony. Need more height? Choose package II and you will get a reach of about 40 meters.

RESCUE: MEDEVAC, HOSTAGE RESCUE, CONFINED SPACE

Extraction and evacuation are often extremely tricky. For both medic and casualty. You will be able to access confined spaces and evacuate (horizontally, vertical and diagonal). Various rigging equipment is provided to make sure you will be able to master many challenges.

URBAN PACKAGE I, INCLUDES:

- **Rigging Equipment**
Rigid steels & soft slings in various lengths, beam anchors (for placement in a window or door opening), karabiners, Quad Pod for roof top applications and confined space entry. Rope and sling protection. Various ropes.
- **T1-16 Tactical Ascender**
Ride the rope. Swift, smooth, safe access.
- **Carbon Fibre Telescopic Pole 9 meter**
Most versatile and reliable aid allowing access on structures with a maximum height of 10 meters. Deploy anchor point with a rope connected. Ride the rope with the T1-16 Ascender. FibreLight II Assault Ladder provided for backup purposes.
- **Climbing & Rescue Equipment**
Full Body Harnesses, karabiners, backup systems (for training purposes), manual ascenders, stretcher, rescue sling and more.
- **Training and Procedures**
A 5-day on site comprehensive training package is included. Learn how to use and maintain the equipment safe and effectively. Learn its limitations. Learn how to act if problems occur and to apply the best tactics for the intended task(s).

URBAN PACKAGE II, INCLUDES:

Includes all content of package I plus:

- **TAGS® Compact Launcher System**
Adds the option of gaining access to structures of about 40 meters high (when lead climbing is not possible).



OUR PACKAGES PROVIDE A ONE STOP SOLUTION

Our Solution Packages are based on years of field experience. They feature all necessary products, training and procedures for a specific application. Rather than selling products and show manoeuvres that look fancy, we offer you a solution that works. Proven in the world today. In this issue we will take a close look at the Urban Operations and Maritime Operations Packages. All solutions will be adapted to specific needs, tasks and circumstances. Delivery on-site anywhere in the world!

MARITIME SOLUTION PACKAGE

Our Maritime solutions are based on latest technology. We bring new tactics to the playground! Benefit from developments, experience and gain tactical advantage!

Our solutions are extremely easy to master and based around the idea that it should be organised in a way that all operators gain access without losing too much energy and can be brought to safety in case problems occur.

In fact using flexible ladders like shown in the picture would be our last option. We use the T-16 Tactical Ascender which allows the operator to use one hand for gunhandling, board the vessel much faster and save energy for the intended task.

The first operator rides the rope and fixes the ascender to a structure. After that he secures the area. The rest of the team is winched-up by using a remote control system.

To deploy the line we use the latest pneumatic technology: TAGS® line and ladder throwers.

MARITIME PACKAGE, INCLUDES:

- **Rigging Equipment**
Rigid steels & soft slings in various lengths. Ropes, rope and sling protection.
- **T1-16 Tactical Ascender**
Ride the rope. Swift, smooth, safe access.
- **Carbon Fibre Telescopic Swimmer Pole 16 meter**
Most versatile and reliable aid allowing access on structures with a maximum height of 16 meters. Deploy anchor point with a rope connected. Ride the rope with the T1-16 Ascender. FibreLight II Assault Ladder provided for backup purposes.
- **Climbing & Rescue Equipment**
Full Body Harnesses, karabiners, backup systems (for training purposes), manual ascenders, hook and etrier (easy engage a difficult edge) and more.
- **TAGS® Compact Launcher System**
Adds the option of gaining access to structures of about 40 meters high.
- **Training and Procedures**
A 5-day on site comprehensive training package is included. Learn how to use and maintain the equipment safe and effectively. Learn its limitations. Learn how to act if problems occur and to apply the best tactics for the intended task(s).

Climbing Gear



This Magazine features an important part of the products and services Safe Tactics provides in the field of ACCESS. It is however impossible to cover all topics and information in this issue. Check www.safetactics.eu for a full overview, the latest information on products and to learn about our other fields of expertise.

HARNESSES

Item code	Discription		Size
PZ C38AAN	Falcon Tactical	Generic Sit Harness	XS-L / XL-XXL
PZ C710FN	Navaho Tactical	Full body harness	XS-L / XL-XXL
PZ C71CFN	Navaho Tactical Ascent	Full body with integrated chest ascender	XS-L / XL-XXL
AC HTH33B	Tactical Fall Arrest	Fast, ideal for snipers, negotiators, etc.	One
YA 304	Tactical Rappel	Compact, covert, worn as belt	M / L
SR W0005BB09	K9-SWAT	Dog Harness - Tactical Black	One



Falcon Tactical

Navaho Tactical

Navaho Tactical Ascent

Tactical Fall Arrest



Tactical Rappel (folded)

Tactical Rappel (shown open)

Tactical Rappel (buckle)

K9-SWAT

RESCUE, EXTRACTION & EVACUATION

Item code	Discription		Color
AC HTX-IT-H41	Rescue Sling	Fast and safe extraction sling/seat	Red
FT SK200GR	SKED Stretcher	Well known, still going strong!	Green or Orange
AC HTMS01	Chrysalis Stretcher	Ready to use for horizontal and vertical	Yellow
AC HTMSB01	Chrysalis Lifting Bridle	Lifting bridle for horizontal lifting	Color coded



Rescue Sling (folded)

Rescue Sling (shown open)

SKED Stretcher

Chrysalis Stretcher



ONE STOP PROVIDER FOR ACCESS GEAR

Safe Tactics provides a unique one stop formula for all ACCESS operations in mountainous, maritime, urban areas. The content of this chapter features only a small part of the equipment we supply. Many years of field experience and close connection to manufacturers are the key elements to comprehensive solutions that really work! Tell us your requirements and we will provide you with the best equipment on the market today!

QUADRA TACTICAL ACCESS & RESCUE SYSTEM

TAGS® Quadra System provides a compact, safe and rapid "ready to use" solution for belaying, lowering and hauling operators or rescue loads. Simply attach the system to a structure than attach the ropes to the load and you are ready to go! Idiot proof!

LOWERING

The Quadra allows quick and precise lowering of loads up to 200kg. Release of the handle will immediately stop the motion. In tactical operations 2 operators can be lowered simultaneously, yet independently.

HAULING

Simply attach the 3:1 camming device to the working rope and haul the load. Built in pulley with sealed ball bearings offer maximum efficiency. The Quadra device features progress capture; release of the rope will immediately stop the motion.

TWO IDENTICAL DEVICES: DOUBLE SAFETY

When 2 points of attachment are required one device is being used for lowering and hauling, the other is used as a belay device (backup).

BELAYING TWO PERSONS

The system allows 2 operators being belayed (and suspended) independently. Ideal for use on roof tops and sloped surfaces.



QUADRA SYSTEM

Item code	Discription	Size
TG QUADRA50	TAGS® Quadra System	50m

Climbing Gear

ANCHORING AND CONNECTING

Item code	Description	Size
AC HTA100/150/200	Wire sling (Steel) For heavy use, fitted with transparent tube	100/150/200cm
PB 6023-1,5/3	Tactical Wire sling (Steel) Steel wire with black seath	1,5m / 3m
AC HTS25N060/120	Tactical Soft Sling Lightweight open loop	60cm / 120cm
AN 1012352	Beam Anchor Fits IPN, IPE, HEA and HEB steel work	75mm-350mm
SK AP-001	Door Anchor Fits door & window openings (2 person load)	Max. 120cm
BD 10072027	QuadPod Modular Rooftop edges and confined space entry	135cm-230cm
SR K6371BB	Rigger Plate 3/5 Organize & multiply, tactical black	One size
AC HTAHL1318	Laser Temporary Horizontal Anchor Line Kit (incl. bag)	18m
PZ M33SLN	Oval Screw Lock Versatile oval symmetric shape, key lock prevents snagging	
PZM33TLN	Oval Triact Lock Versatile oval symmetric shape, key lock prevents snagging	
PZM34TLN	D-shape Triact Lock D-shaped, key lock prevents snagging	
SR K00070BB	HMS Screw Lock Peer shaped, key lock prevents snagging	
SR K0008BB	HMS Twistlock Peer shaped, key lock prevents snagging	
AC HTCH01B	Scaff Hook For metallic structures, cables and bars (opening 60mm)	
AC HTCCS10	Quicklink Semi Circular Standard steel quicklink for lanyards, 10mm	
TG MRNZ08.O B	Quicklink Oval Tactical Standard Tactical steel quicklink, 8mm	



Wire Sling



Tactical Wire Sling



Soft Sling



Beam Anchor



Door Anchor



QuadPod Modular



Rigger Plate 3/5



Laser Horizontal Anchor Line



Oval-shape



D-shape



HMS-shape



Scaff Hook

Climbing Gear

PROTECTION

Item code	Description	Size
TG HTMH06B	TAGS® Tactal Climbing Helmet Matte Black, black chin straps (CE-EN12492)	
PZ E49PA	Tactical Headlamp 4-LED, very compact, red filter, several fittings supplied, 3 light levels	
TG TACGL	TAGS® Tactical Glove Special OPS & Climbing Glove, cut resistant, adjustable cuff	
TG MSTR	TAGS® Master Rapelling Glove Cut and heat resistant for fast rope and fast rappels, high cuff	
DG DNKP-B	Knee Protectors Versatile and light weight knee pads ideal for access operations	
TG 5000L	TAGS® Base Camp Duffle Large Duffle bag 90 litres, TPE Tarpaulin	
TG 5005M	TAGS® Rope Bag Medium Snow lock, central attachment, enforced opening - for 75m rope	
TG 5005L	TAGS® Rope Bag Large Snow lock, central attachment, enforced opening- for 125m rope	
TG 5009	TAGS® Leg Bag Ideal for rapid entry. Quick drop system - for 50m rope	



TAGS® Tactical Climbing



Tactical Headlamp



TAGS® Tactical Glove



TAGS® Master Rapelling Glove



TAGS® Base Camp Duffle



TAGS® Rope Bag Medium



TAGS® Rope Bag Large



TAGS® Leg Bag

ROOF-TOP RIGGING KIT

Difficulties choosing the right components? Our comprehensive Roof Top Kit allows easy access in numerous situations:

- Building entry through a dome or hatch (or any other confined space).
- Access over the edge: quadpod used as riggingframe allows freedom of movement. Especially if equipment or a dog must be handled.
- Several rigging options: door- and window-frames, hatches and steelwork can be used to rig a secure anchor point for a team.
- Various anchor options, rope, and rope protection in one kit.

The system allows suspension of 2 operators working simultaiously.

Item code: ST RTK.



Climbing Gear

ROPES AND ROPE PROTECTION

Item code	Description		Length/size
TG PTR11B	TAGS® Patron Tactical	Black, 11mm, EN1891A, semi static, 22kN	700m
TG PTR11B	TAGS® Patron Plus Tactical	Black, 11mm, EN1891A, semi static, 28kN	700m
TG PTR11W	TAGS® Patron Rescue	White, 11mm, EN1891A, semi static, 22kN	700m
TG PRT08B	TAGS® Patron Assault	Black, 8mm, Dyneema, 26kN	200m
CJ BL105-200	Top Gun Dynamic	Black, 10,5mm EN892, dynamic	200m
AC HTLD060/100	Dynamic Lanyard	Black, dynamic lanyard with sewn terminations	60cm/100cm.
CJ BLCOR5/6/7/8	Assessory Cord	Available in 5/6/7/8 mm, black	120m
TG EG-1	TAGS® Rope Protector	Fits 2 ropes	1-2 ropes
CM 294044	Edge Protector	Fits up to 4 ropes	1-4 ropes
TG HWK80X80	TAGS® Protection Mat	Large cut- and abrasion resistant mat	80 x 80cm.
PZ P58SN	Swivel (ball bearing)	Avoids ropes twisting when load is rotating	One



Rope Protector

Edge Protector

TAGS® Protection Mat

Swivel

PULLEYS

Item code	Description		Rope
PZ P50AN	Single Pulley	Ball bearing, 204 gram, 32kN	< 13mm
SR K6260BB	Double Pulley	Ball bearing, 354 gram, 50kN	< 13mm
PZ P05WN	Mini Pulley	Ball bearing, 94 gram, 22kN	< 13mm
PZ P07	Progress Capture	SWL 2,5kN (self jamming), 165 gram	8-13mm
PZ P51	Progress Capture Large (1:3 syst)	SWL 4kN (self jamming), 265 gram	8-13mm



Single Pulley

Double Pulley

Mini Pulley

Progress Capture Pulley

Climbing Gear

DECENDERS, ASCENDERS, DEVICES, HOOKS

Item code	Description		Standard
PZ D20N	ID Tactical	Fool proof Descender, auto lock	EN 12841
PZ D21AN	RIG Tactical	Compact Descender, auto lock	EN 12841
PZ D05	Figure 8 Pirana	Rappel Device with multiple braking options	CE
PZ D17T	Reverso	Ultra-light multipurpose belay/rappel device	CE
PZ B17WRN	Ascension	Handled ascender for 8mm-13mm rope	EN 567
PZ B01	Tibloc	Mini cam. for 8mm-11mm rope, 39 gram	EN 567
PZ B03	Shunt	Backup Ropeclamp, 188 gram	EN 567
AC HTMFL1	Foot Loop Mono	Footloop to use with hand ascender	---
AC HTMFL4	Foot Loop Quatro	Footloop 4-step (mini ladder)	---
PZ B71	ASAP	Backup Device (fall arrest)	En 353-2
BZ L59	Absorbica	Shock absorber (to use with ASAP) 2 pers.load	EN 355
PZ V12	Fifi	Small hook for positioning and progression	---
PZ 64801	Hand Hook	Small progression hook with sling	---



ID Descender

RIG Descender

Figure 8 Pirana

Reverso



Ascension

Tibloc

Footloop Mono & Quad

Shunt



ASAP Backup Device

Absorbica

Fifi Hook

Hand Hook

ABOUT SAFE TACTICS...



PROVIDING TACTICAL SOLUTIONS WORLDWIDE

Safe Tactics BV is providing Tactical Technology Solutions. World wide. We are experts in providing total concept solutions for the Law Enforcement- and Military special forces community: training, equipment & consultancy in one hand.

Safe Tactics is cooperating with all leading manufacturers and is actively involved in product development.

Our comprehensive training program can be facilitated at any suitable training venue anywhere in the world or in our 1000m² purpose built training facility near AMS Airport in the Netherlands.

At Safe Tactics you will find experts with many years of “hands-on” experience in your field of operation. Our specialists cover a wide range of expertise such as urban-, remote- & maritime access operations, forced entry, leading edge robotics technology for intelligence & IED defeat and covert surveillance technology. Safe Tactics also provides innovative protective equipment and military gear.

Our service and products are valued by many teams around the world. You will find our distinctive Spider mark on many equipment in the field. Our badge has become a recognized sign of quality.

We will make sure that you are well prepared for all your operations!

Rather than providing equipment and procedures that look fancy, Safe Tactics offers solutions that work!



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