

S-CUT®



The revolutionary *new* cutting tool
for all kinds of emergencies

Free your patients, fast

In rescue situations and medical emergencies, S-CUT enables you to free patients or accident victims faster than ever before. Avoid causing unnecessary pain, discomfort or further injury since S-CUT allows you to work without moving the patient. It is effective on leather belts, zippers and heavy outerwear as well as ordinary fabrics.

Time is of the essence

The “golden hour” is a well known term used in accident situations, meaning simply that the injured have a greater chance of survival if they get proper treatment within the first hour. Speed of treatment is an even more critical factor in cases of cardiac arrest, where medical staff thinks in terms of minutes rather than hours. As John Herlitz, Professor in Cardiology at Sahlgrenska University Hospital in Gothenburg confirms:

*“A single minute gained can contribute significantly to a patient’s chance of survival.”***



S-CUT research results

A 2009 study* into time performance in acute trauma situations showed that on average, a full examination could be initiated 77% faster using S-CUT as opposed to scissors. Staff in the research group also found S-CUT more efficient and pleasant to work with, since no brute force was needed, even when cutting coarse or wet fabrics.

* Study performed by the Trauma Centre, Sahlgrenska University Hospital, Gothenburg, Sweden, 2009-01-23.

** Source: Advanced versus Basic Life Support in the Pre-Hospital setting. *International Journal of Disaster medicine* 2004; 2: 9-17

Choose a tool you can trust

The absence of complicated mechanisms and loose parts means you can always rely on S-CUT to work properly.

Save valuable time

S-CUT gives almost instant access to the person at risk, saving valuable seconds, or even minutes.

Weather & temperature resistant

S-CUT works equally well in the desert or the arctic. It is not sensitive to heat, cold or humidity.

No formal training needed

Since it's so simple to use, you can start working with S-CUT after just a brief introduction.



Easy maintenance & cleaning

The cutting blade can be replaced without the need for additional tools and the whole tool is easy to take apart for cleaning.

With or without gloves

Since gloves are worn by all kinds of front line workers, it's a major advantage that S-CUT is easy to use while wearing gloves.

Safe for you and your patient

S-CUT's circular cutting blade is recessed in order to protect the patient and user from injury.



Cuts through tough fabric

S-CUT slices cleanly and easily through all kinds of thick material (e.g. combat vests or bikers' leathers) and even wet clothes.

No need for brute force

The tool is designed for use by all kinds of medical and rescue personnel, regardless of how strong they are. It can cut in either direction - towards or away from you.

Left or right handed

Designed for best ergonomics and excellent grip, it makes no difference whether you're left or right handed when using S-CUT.



Stories from around the S-CUT world

S-CUT increases the chances of medics successfully treating the sick or injured, helps rescue workers free people at risk from contaminated clothing and lets ambulance staff extract victims safely from vehicles after a crash. Here are a few examples of fields in which the S-CUT is already making a difference.



Hospitals – accidents & emergencies

In emergency medical situations where speed of treatment affects the patient's chances of survival, S-CUT is the obvious tool to use. Cutting through clothes safely and quickly, it lets medical staff diagnose patients and begin treatment without delay. S-CUT can make the difference between life and death when a patient is suffering heart failure and medics need rapid access to the chest in order to start using a defibrillator.



“Of the many tools we’ve tried at Accidents & Emergencies, S-CUT has proven to be the best. For example, it helps us reduce the time it takes to get motorcyclists out of their leathers by as much as 5 minutes. If a patient has a fracture, using S-CUT means you don’t have to move the victim’s arms or legs to get their clothes open.”

**Greger Nilsson, Coordinator trauma unit,
Sahlgrenska University Hospital Göteborg**

Ambulance services

S-CUT is a safe and easy for ambulance personnel to use. Its small size and low weight are particularly advantageous in ambulances, where limited space means every tool must justify its place. S-CUT can cut through most materials including leather belts, zippers, safety belts and heavy outerwear, enabling paramedics to save time and lives in a wide range of emergencies.

“In an anonymous survey, 99 out of 100 colleagues who had used S-CUT wanted the tool to be included as standard equipment in ambulances. Now, after using S-CUT for a few years, I really appreciate its versatility. It makes a significant difference in all kinds of situations - from heart failure to horse riding accidents.”

Dick Bäckström, paramedic from ambulance Sirius in Sweden

Police force & prisoner care

S-CUT offers numerous advantages – not least that it is extremely safe and therefore unlikely to be used as a weapon if it ends up in the wrong hands. The police force can use S-CUT to help those who are in need of rapid assistance, and to gain access to a patient's chest in the case of cardiac arrest. Moreover, if a policeman is injured and needs immediate treatment, S-CUT is capable of cutting easily through the heavy outer garments of a police uniform.

Defence

S-CUT is ergonomically designed to enable use without the need for brute force. It can be cleaned easily and withstands extremes of heat and cold – all of which makes it highly suitable for use in the military. The mini S-CUT 601 is particularly suitable for field medics, since its additional slitting blade allows personnel to open up parts of a uniform, as opposed to cutting from the edge of the garment. This means they can quickly treat the injured for e.g. gunshot wounds without exposing them to cold.

"S-CUT is a vital part of my equipment when I'm working with wounded soldiers. I've been using it for several years in the field and found it totally reliable. S-CUT's ability to cut through all the soldiers' gear, including their protective vests, is unique."

Mats, Reconnaissance soldier/nurse

Fire and rescue services

A major advantage for fire and rescue services is that S-CUT can be used while wearing gloves. This sector also benefits from the fact that S-CUT can cut easily through heavy materials, including the protective clothing worn by firemen. Many rescue workers favour the mini S-CUT 601 since it has a slitting blade which lets the user cut open garments from the middle. S-CUT also enables the quick removal of rescue workers' protective outer wear when dealing with chemical contamination emergencies.

"What's so great about the S-CUT is that it's really fast and easy to use. You can bring it out in all kinds of situations, from the most straightforward to the most extreme."

**Martin Sjöholm, health care manager,
Swedish Rescue services' international relief efforts**

Industrial applications

S-CUT is an excellent tool for companies whose personnel risk contact with harmful substances. If an accident occurs, S-CUT lets the user remove clothes quickly, so that hazardous chemicals can be quickly rinsed off or diluted. It can be used with gloves, and by left or right handed people. When called upon to give first aid, untrained and inexperienced workers can get extremely stressed. The speed and simplicity of S-CUT help overcome their stress and increase the chances of a successful outcome. In cases of heart failure, where a defibrillator needs to be applied rapidly, S-CUT saves time and consequently, lives.

"What's so great about the S-CUT is that it's really fast and easy to use. You can bring it out in all kinds of situations, from the most straightforward to the most extreme."



The S-CUT series

S-CUT 06-501

Designed for use in the rescue services and hospitals, this was the first S-CUT model to be developed. It works according to a very simple principle: you just lift the edge of the material you want to cut and place between the cutting blade and the hygienic plastic support, then draw the tool in the direction you want to cut. The blade remains stationary as it cuts; there are no moving parts and no external power source is required.

Weight: 0.280 kg / 9.8 oz.

Length: 239 mm / 9.4 in

Width: 24 mm / .94 in

Material

Stainless steel, anodized aluminum and heat resistant plastic parts (up to 100 degrees C, 212 degrees F). Strong detergents may affect the anodized surface but will not affect the cutting performance.



Mini S-CUT - 701

The S-CUT 701 model differs from the 501 model in one important respect – it is smaller and lighter. This makes it the ideal tool wherever weight is an issue, such as in the ambulance services. S-CUT 701 is an invaluable tool to have at hand in situations where a defibrillator might be used.

Weight: 0.170 kg / 6.0 oz.

Length: 178 mm / 7.0 in

Width: 24 mm / .94 in

Material

Stainless steel, anodized aluminum and heat resistant plastic parts (up to 100 degrees C, 212 degrees F). Strong detergents may affect the anodized surface but will not affect the cutting performance.



Mini S-CUT - 601

S-CUT 601 is a lightweight model with an additional blade which eliminates the need for a free edge to start cutting. This so-called 'slitting function' is especially useful in e.g. car crashes, where it can cut open the fabric of a seat back and clear the way for the use of hydraulic scissors. The slitting function is activated by a slight pressure. When this pressure is released, the tool automatically returns to its normal position.

Weight: 0.170 kg / 6.0 oz.

Length: 178 mm / 7.0 in

Width: 24 mm / .94 in

Material

Stainless steel, anodized aluminum and heat resistant plastic parts (up to 100 degrees C, 212 degrees F). Strong detergents may affect the anodized surface but will not affect the cutting performance.



Accessories & spare parts

Wall mount for S-CUT and Mini S-CUT 701

Keep your S-CUT on the wall. With this handy wall mount, it's always visible and easy to grab when you need it. Suitable for use in hospitals and on industrial premises.



Belt holster - for all S-CUT models

A discreet holder attached to your belt makes it easy to carry the cutting tool around, so you always have it close at hand. Thanks to the belt holster, your S-CUT becomes a personal tool – suitable for both left and right handed people.



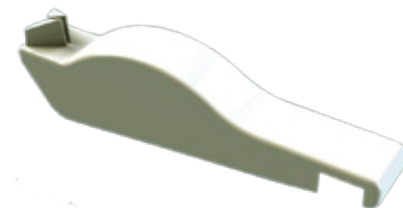
Segmented cutting blade

A segmented cutting blade makes it possible to see which part has already been used, so you always start work with a sharp tool. The blade contains carbon steel to ensure optimal cutting performance. Store in a dry place.



Hygienic plastic support

A hygienic plastic support with plough action facilitate the cutting of coarser fabrics. The plough action separates the material after the cutting blade.



ASPP (authorized spare part package)

This spare part package contains four extra cutting blades and four hygienic plastic supports. It is sold along with S-CUT or separately if desired.



ES Equipment develops products for customers working on the front line in all kinds of extreme situations. S-CUT cutting tools save lives every day by making it possible to remove victims' clothing safely and quickly. S-CUT and ES Equipment are registered trademarks in Europe and trademarks in the US. The S-CUT design is protected by European design pattern and US Patent.

ES Equipment was founded in Sweden in 2005 by Björn Åhlén, Mimmi Olsson and Martin Bergstrand.

"Our goal is to have an S-CUT in every emergency service facility worldwide, so that unnecessary deaths can be avoided in all time-critical situations."

Björn Åhlén, CEO, ES Equipment



Es Equipment AB
Medicinargatan 8A / S-413 46 Göteborg / SWEDEN
Tel. 0046 (0)76-104 96 82 / www.esequipment.se