



GLOBAL BRITAIN



WE PROTECT | YOU SERVE

FROM KITCHEN TABLE TO TOP 20 ARMOUR MANUFACTURER

Sarkar Tactical specialises in design, manufacture and supply of Personal Body Armour, Public Order Gear, Tactical Clothing and Accessories, E.O.D and Demining Equipment. Our entire portfolio is made in our factory located in El Paso, TX.

Established through the vision, dedication and hard-work of former Navy Officer Sam Sarkar, the company has blossomed from a one-man outfit, to offering capabilities. Every time Sam received vests, helmets, plates from another manufacturer, he found something wrong with them. Sam felt an obligation towards his former colleagues, those who serve in uniform every-day. His view was simple, if it wasn't good enough for him to wear, it wasn't good enough for someone else. After countless days and hours of learning, testing and studying, Sam made his first vest in December 2008. The rest, as they say, is history.



A VISION FOR PROTECTING THE PROTECTORS

We are proud to be in the U.S and proud to be in El Paso, TX. So every product we make reflects that pedigree and the heritage of Made in U.S as we protect the global community. Our ethos is fairly simple, thousands of 1s instead of 1 of thousands (i.e. quality is never compromised over quantity). Soldiers only get issued with one set of kit. It doesn't matter if the other million are perfect, if that one vest has a fault then it could prove fatal. Our items are in service with armed forces including the US Marine Corps, US Army, Spanish Navy, US Navy, US and UK Police Forces and the UN.

Our clients all over the world tell us that when they see 'Sarkar Tactical' label, they are immediately assured of the quality and reliability of the item. So as more and more of the country outsource their manufacturing, we are bringing more functions in-house.



01

COMMITMENT TO QUALITY

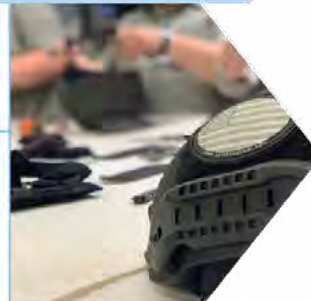
From living up to our ISO 9001-2008 certification to employing the most robust product development processes, quality is embedded in everything we do.



02

WORLD-CLASS MANUFACTURING

We are a complete armour manufacturer from molding our helmets to stitching the vests. From first design to final manufacture, Sarkar exceed the highest standards.



03

HELMET MANUFACTURING

Our cutting edge facility employs a highly adaptable and scalable approach to manufacturing, uniquely capable of running test samples one day and transitioning to full-scale production the next.



04

IN-HOUSE TESTING CAPABILITIES

At our in-house and also outdoor field testing facilities, we continuously test our products, where every system is systematically pushed to the limit.



PERSONAL ARMOUR

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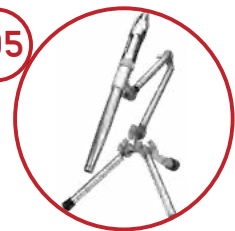
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PERSONAL ARMOUR



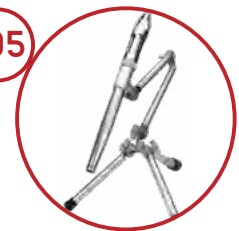
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100



105



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ADVANCED TACTICAL HELMET

ST-ATH



BALLISTIC HELMETS

PRODUCT OVERVIEW

The SARKAR Advanced Tactical Helmet (ATH) is based upon the US Army's MICH (Modular Integrated Communications Helmet) & ACH (Advanced Combat Helmet).

Designed as a lighter and more compact version of the PASGT Helmet; with reduced ear & back coverage and no lip, ATH allows for better peripheral vision and hearing, and also enables the wearer to shoot from the prone position.

The helmet includes an improved 4-point retention and Pad suspension system that attaches to the shell with ballistic resistant hardware. Adjustment slides are located on both the front and rear of the harness, allowing adjustment for proper fit and stability.

The Water Resistant Pad suspension system supplied with each helmet consists of one crown pad, four lateral pads and two front and rear pads. The pads are 3/4 inch thick with optional 1 inch thick pads available.



ATH WITH
STANDARD
ACCESSORIES

RECOMMENDED PAIRING:
SARKAR OPTIMAL
PROTECTION ACCESSORIES



FLEXLOC* DIAL
HARNESS



TAN ATH

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XL

CONTINUED ON NEXT PAGE

www.sarkartactical.com

info@sarkartactical.com

ADVANCED TACTICAL HELMET

ST-ATH



STANDARD ATH WITHOUT ACCESSORIES



FEATURES

- High ballistic performance with low weight, using high-tenacity ballistic aramid fibre (Dupont, Kevlar)
- Adjustable 4 point Secure-Fit harness with an integrated nape pad. Also available with High Tech EVA liners and FlexLoc dial system
- Two-component polyurethane paint allows de-contamination after exposure to chemical agents. Tested to Defence Standard 00-23, Infrared Reflective (IRR), MOD
- Ideal mass distribution minimises lag during head movement
- NATO Codified
- Helmet Covers available
- Optional Level IIIA Visor for maximum face protection
- Designed especially to accommodate Night Vision Systems & Communication Devices

PROTECTION LEVELS

Successfully tested for the following:

NIJ Level IIIA 0106.01

- 9mm 124 gr FMJ
- 44 MAG 240 gr LSWC
- Attenuation, 9mm, 44 MAG-PASS

- 9mm 124 gr FMJ BFS < 16mm Fragmentation V50 as per MIL-STD-662F/STANAG 2920
- 17 gr FSP = 720 metres/ps
- 16 gr RCC = 732 metres/ps
- 4 gr RCC = 950 metres/ps

- 2 gr RCC = 1267 metres/ps
- 64 gr RCC = 553 metres/ps
- Shock Absorption tested to EN397 - PASS
- AR/PD10-02 REV. A2012/C0/PD-05-04: 2207 @ 3 metres/ps

www.sarkartactical.com

info@sarkartactical.com

ALPHA HIGH CUT HELMET

ST-ALPHA



BALLISTIC HELMETS

PRODUCT OVERVIEW

The Sarkar Alpha High Cut helmet is designed to meet the rigorous challenges of Law Enforcement, Assault and Special Operations Teams. The helmet is lightweight and offers superior protection against ballistic threats as well as secondary projectiles.

The reduced profile helmet shell, with its higher side trim, provides improved interface with various sighting devices, gunstock clearance and headsets that do not typically fit under an ACH or PASGT helmet. It also integrates with various military goggles.

The helmet comes standard with Sarkar Secure-Fit 4-Point Retention System, which offers stability, comfort, and adjustability for the wearer. This can be upgraded with the Flexloc dial harness. The helmet can also include an adjustable thickness liner system.



BLACK
ALPHA HELMET
WITH RAILS
ADDED

RECOMMENDED PAIRING:
SARKAR OPTIMAL
PROTECTION ACCESSORIES



ALPHA HELMET
WITH WARCOM5
HEADSET



GREEN HIGH CUT ALPHA
HELMET WITH FLEXLOC

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XL

CONTINUED ON NEXT PAGE

ALPHA HIGH CUT HELMET

ST-ALPHA



STANDARD ALPHA WITHOUT ACCESSORIES



FEATURES

- High ballistic performance with low weight, using high-tenacity ballistic aramid fibre (Dupont, Kevlar)
- Adjustable 4 point Secure-Fit harness with an integrated nape pad. Also available with High Tech EVA liners and FlexLoc dial system
- Two-component polyurethane paint allows de-contamination after exposure to chemical agents. Tested to Defence Standard 00-23, Infrared Reflective (IRR), MOD
- Ideal mass distribution minimises lag during head movement
- NATO Codified
- Helmet Covers available
- Optional Level IIIA Visor for maximum face protection
- Designed specifically to accommodate Night Vision Systems & Communication Devices

PROTECTION LEVELS

Successfully tested for the following:

NIJ Level IIIA 0106.01

- 9mm 124 gr FMJ
- 44 MAG 240 gr LSWC
- Attenuation, 9mm, 44 MAG-PASS

- 9mm 124 gr FMJ BFS < 16mm Fragmentation V50 as per MIL-STD-662F/STANAG 2920
- 17 gr FSP = 720 metres/ps
- 16 gr RCC = 732 metres/ps
- 4 gr RCC = 950 metres/ps

- 2 gr RCC = 1267 metres/ps
- 64 gr RCC = 553 metres/ps
- Shock Absorption tested to EN397 - PASS
- AR/PD10-02 REV. A2012/CO/PD-05-04: 2207 @ 3 metres/ps

SIGMA MID-CUT HELMET

ST-SIGMA



PRODUCT OVERVIEW

The Sarkar SIGMA Lightweight Tactical Helmet is a perfect combination of the Advanced Tactical Helmet (ATH) and Alpha high cut helmet. It provides optimal lightweight construction of the Alpha and the extended coverage found in the ATH.

The Sigma was designed for Military and Police special tactical units where compatibility with all NV and comm systems is of critical importance along with wearer comfort and maximum protection.

Helmets provide un-matched Level IIIA protection and can be supplied with a variety of harness and retention systems to ensure maximum ballistic integrity, comfort and stability.



SIGMA WITH
STANDARD
ACCESSORIES

RECOMMENDED PAIRING:
SARKAR OPTIMAL
PROTECTION ACCESSORIES



TAN SIGMA



FLEXLOC DIAL
HARNESS

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XL

CONTINUED ON NEXT PAGE

SIGMA MID-CUT HELMET

ST-SIGMA

BASIC SIGMA HELMET WITHOUT OPTIONS



FEATURES

- High ballistic performance with low weight, using high-tenacity ballistic aramid fibre. (Dupont, Kevlar)
- Adjustable 4 point Secure-Fit harness with an integrated nape pad. Also available with High Tech EVA liners and FlexLoc dial system.
- Two-component polyurethane paint allows de-contamination after exposure to chemical agents. Tested to Defence Standard 00-23, Infra-red Reflective (IRR), MOD
- Ideal mass distribution minimises lag during head movement
- NATO Codified
- Helmet Covers available
- Optional Level IIIA Visor for maximum face protection Designed specially to accommodate Night Vision Systems & Communication Devices

PROTECTION LEVELS

Successfully tested for the following:

NIJ Level IIIA 0106.01

- 9mm 124 gr FMJ
- 44 MAG 240 gr LSWC
- Attenuation, 9mm, 44 MAG-PASS

• 9mm 124 gr FMJ BFS < 16mm
Fragmentation V50 as per
MIL-STD-662F/STANAG 2920

- 17 gr FSP = 720 metres/ps
- 16 gr RCC = 732 metres/ps
- 4 gr RCC = 950 metres/ps

- 2 gr RCC = 1267 metres/ps
- 64 gr RCC = 553 metres/ps

Shock Absorption tested to EN397
- PASS

AR/PD10-02 REV. A2012/C0/PD-05-
04: 2207 @ 3 metres/ps

PASGT HELMET

ST-PASGT



NATO GREEN
PASGT HELMET

RECOMMENDED PAIRING:
SARKAR OPTIMAL
PROTECTION ACCESSORIES



TAN PASGT
HELMET



BLACK PASGT
HELMET

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XL

PRODUCT OVERVIEW

Comprising of a lightweight shell with ultra-comfortable webbing and four point harness system, the PASGT helmet offers fantastic comfort while providing world class reliability and protection.

Constructed of Aramid composite materials our PASGTs can consistently meet or exceed 720 m/s V50 when measured against a MIL-STD-662E. It is one of the finest armour head-gear for protection from shrapnel and blast fragmentation.

The ergonomically engineered design is lightweight and has ideal distribution of mass over the head centreline. This results in a minimum moment of inertia, and therefore no lag in following head movement.

CONTINUED ON NEXT PAGE

BASIC PASGT HELMET WITHOUT OPTIONS



FEATURES

- High ballistic performance with low weight, using high-tenacity ballistic aramid fibre. (Dupont, Kevlar)
- Adjustable 4 point Secure-Fit harness with an integrated nape pad. Also available with High Tech EVA liners and FlexLoc dial system
- Two-component polyurethane paint allows de-contamination after exposure to chemical agents. Tested to Defence Standard 00-23, Infra red Reflective (IRR), MOD
- Ideal mass distribution minimises lag during head movement
- NATO Codified
- Helmet Covers available
- Optional Level IIIA Visor for maximum face protection
- Designed specifically to accommodate Night Vision Systems & Communication Devices

PROTECTION LEVELS

Successfully tested for the following:

NIJ Level IIIA 0106.01

- 9mm 124 gr FMJ
- 44 MAG 240 gr LSWC
- Attenuation, 9mm, 44 MAG-PASS

• 9mm 124 gr FMJ BFS < 16mm
Fragmentation V50 as per
MIL-STD-662F/STANAG 2920

- 17 gr FSP = 720 metres/ps
- 16 gr RCC = 732 metres/ps
- 4 gr RCC = 950 metres/ps

• 2 gr RCC = 1267 metres/ps

• 64 gr RCC = 553 metres/ps

Shock Absorption tested to EN397
- PASS

AR/PD10-02 REV. A2012/C0/PD-05-
04: 2207 @ 3 metres/ps

BOLTLESS PASGT HELMET

ST-PASGT



NATO GREEN
PASGT HELMET

RECOMMENDED PAIRING:
SARKAR OPTIMAL
PROTECTION ACCESSORIES



TAN PASGT
HELMET



BLACK PASGT
HELMET

AVAILABLE COLOURS



Custom colours are available on request

PRODUCT OVERVIEW

Constructed of Aramid composite materials our PASGTs can consistently meet or exceed 720 mis V50 Ballistic Test Data when measured against a MIL-STD-662E. It is one of the finest armour head-gear for protection from exploding shrapnel and fragmentation.

The ergonomically engineered design is lightweight and has ideal distribution of mass over the head centreline. This results in a minimum moment of inertia, and therefore no lag in following head movement.

Built from the foundation of real life battle field experience and state of the art technology; we have designed our helmets to offer the user total peace of mind while at the same time offering unparalleled levels of comfort.

AVAILABLE SIZES

Available in S – XL

CONTINUED ON NEXT PAGE

BOLTLESS PASGT HELMET

ST-PASGT

BASIC PASGT HELMET WITHOUT OPTIONS



FEATURES

- High ballistic performance with low weight, using high-tenacity ballistic aramid fibre. (Dupont, Kevlar)
- Adjustable 4 point Secure-Fit harness with an integrated nape pad. Also available with High Tech EVA liners and FlexLoc dial system
- Two-component polyurethane paint allows de-contamination after exposure to chemical agents. Tested to Defence Standard 00-23, Infra red Reflective (IRR), MOD
- Ideal mass distribution minimises lag during head movement.
- NATO Codified
- Helmet Covers available
- Optional Level IIIA Visor for maximum face protection
- Designed specially to accommodate Night Vision Systems & Communication Devices

PROTECTION LEVELS

Successfully tested for the following:
NIJ Level IIIA 0106.01

- 9mm 124 gr FMJ
- 44 MAG 240 gr LSWC
- Attenuation, 9mm, 44 MAG-PASS
- 9mm 124 gr FMJ BFS < 16mm

Fragmentation V50 as per MIL-Std-662F/STANAG 2920

- 17 gr FSP = 2283 fps
- 16 gr RCC = 2400 fps
- 4 gr RCC = 3117 fps
- 2 gr RCC = 4159 fps

- 64 gr RCC = 1814 fps
- EN966 Certified (AIRBORNE READY)
Shock Absorption tested to EN397
PASS
- AR/PD10-02 REV. A2012/ CO/ PD-05-04:
2207 @ 10 ft/second

SARKAR CVC HELMET

ST-CVC



RECOMMENDED PAIRING:
SARKAR OPTIMAL
PROTECTION ACCESSORIES



PRODUCT OVERVIEW

Sarkar CVC Helmet – Combat Vehicle Crewman Helmet has been designed for tank crews and soldiers needing to wear large communication headsets.

It is designed to be completely removable from the headset.

The unit features high fragmentation value & low weight. It does not come installed with a communications system.

FEATURES

- High ballistic performance with low weight, using high-tenacity ballistic aramid fibre. (DuPont, Kevlar)
- Suspension Systems: Can be supplied with adjustable 4 point chin strap harness, with an integrated nape pad. Also available with High Tech EVA PADS
- We can also supply our CVC with Nomex® headliner compatible with popular communication headsets
- Crown Mesh: Crown Mesh with cross straps; with plastic or dual band chin cups
- High fragmentation value & low weight

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S – XL

SARKAR DELTA 3

- LEVEL III STAND ALONE / ICW DYNEEMA®

ST-DELTA3



Recommended
side plate
pairing:
DELTA EDGE

PRODUCT OVERVIEW

This lightweight 10" x 12" Level III plate reduces spall and has a multi-curved shape to fit the body comfortably.

This 100% polyethylene plate has been successfully tested as per NIJ 0101.06 body Armour standard.

In addition to standard NIJ Level III (7.62x51 M80 - 308) projectiles as the Delta 3 plates also protects against 7.62x39 MSC (AK) bullets.

THICKNESS: 1.2 IN (30 MM)

SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-DELTA3	10x 12 in (254 x 305 mm)	3.09 lb (1.4 kg)

THREAT PERFORMANCE MATRIX:

		LEAD CORE				MILD STEEL CORE
		5.56 X 45 MM - M83 MAX VELOCITY 3150 FT/S (960 M/S)	7.62 X 39 MM - M67 MAX VELOCITY 2390 FT/S (728 M/S)	7.62 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	7.62 X 63 MM - JSF MAX VELOCITY 2780 FT/S (847 M/S)	
ST-DELTA3	6	6	6	6	6	

* NIJ Level III Certification Threat

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are $+0.00$ to -0.25 in ($+0.00$ to -6 mm). All weights are $\pm 5\%$.

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.

SARKAR DELTA 3 PLUS

- LEVEL III+ SS 109 SA / ICW

ST-DELTA3+



Recommended
side plate
pairing:
DELTA EDGE



PRODUCT OVERVIEW

This lightweight 10" x 12" Type III has been successfully tested under the NIJ 0101.06 body Armour standard.

The Delta 3 Plus is a Single Curve plate that fits the body comfortably and is tested against various special threats.

This plate was specially designed for US Law Enforcement officers offering protection from standard NIJ Level III (7.62x51 M80 - 308) projectiles as well as 7.62x39 MSC (AK) and 5.56 x 45 SS109 (aka Green Tip) bullets.

BALLISTIC PLATES

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are +0.00 to -0.25 in (+0.00 to -6 mm). All weights are $\pm 5\%$.

THICKNESS: 1.22 IN (31 MM)

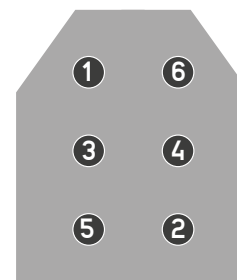
SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-DELTA3P	10x 12 in (254 x 305 mm)	4.19 lb (1.9 kg)

THREAT PERFORMANCE MATRIX:

	LEAD CORE					MILD STEEL CORE
	5.56 X 45 MM - M193 MAX VELOCITY 3150 FT/S (960 M/S)	7.62 X 39 MM - M167 MAX VELOCITY 2390 FT/S (728 M/S)	7.62 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	7.62 X 63 MM - JSP MAX VELOCITY 2780 FT/S (847 M/S)	7.62 X 39 MM - M43 MAX VELOCITY 2390 FT/S (728 M/S)	
ST-DELTA3	6	6	6	6	6	

* NIJ Level III Certification Threat



Shot-to-edge = 2.5"
Shot-to-shot = 3.0"

SARKAR RANGER SOLO

- LEVEL IV STAND ALONE

ST-RSOLO



Recommended
side plate
pairing:
RANGER 180



PRODUCT OVERVIEW

This high performing 10" x 12" Type IV plate offers the most comprehensive stand alone protection from Level 4 projectiles. The Range Solo has been certified Stand Alone by Oregon Ballistic Labs under the NU-0101.06 body armour standard.

The Ranger Solo is available in both single and double curve designs with with rectangular cut clipped corners or shooters cut.

BALLISTIC PLATES

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are $+0.00$ to -0.25 in ($+0.00$ to -6 mm). All weights are $\pm 5\%$.

THICKNESS: 0.83 IN (21 MM)

SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-RSOLO	10x 12 in (254 x 305 mm)	6.61 lb (3.0 kg)

THREAT PERFORMANCE MATRIX:

	LEAD CORE						MILD STEEL CORE			Armour PIERCING CORE		
	556 X 45 MM - M93 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M67 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	762 X 63 MM - JSP MAX VELOCITY 2780 FT/S (847 M/S)	556 X 45 MM - M855/SS109 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M43 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 54R - LPS MAX VELOCITY 2850 FT/S (869 M/S)	762 X 39 MM - API MAX VELOCITY 2390 FT/S (728 M/S)	762 X 39 MM - API MAX VELOCITY 2390 FT/S (728 M/S)	762 X 63 MM - AP M2 ** MAX VELOCITY 2900 FT/S (884 M/S)		
ST-RSOLO	6	6	3	1	6	3	1	3	1	1	1	

* NIJ Level III Certification Threat

** NIJ Level IV Certification Threat

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SARKAR RANGER 180

- LEVEL IV STAND ALONE

ST-R180



PRODUCT OVERVIEW

This single-curve 6" x 6" Side Plate has been independently tested to defeat the 7.62 x 63mm AP round. The Ranger 180 plate utilises a ceramic aramid composite.

Weighing just over 2 pounds, this plate is ideal for additional side, upper torso and also bicep protection.

BALLISTIC PLATES

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are +0.00 to -0.25 in (+0.00 to -6 mm). All weights are $\pm 5\%$.

THICKNESS: 0.83 IN (21 MM)

SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-RS0LO	6 x 6 in (152 x 152 mm)	2.2 lb 1 kg)

THREAT PERFORMANCE MATRIX:

	LEAD CORE				MILD STEEL CORE				Armour PIERCING CORE		
	556 X 45 MM - M193 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M67 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	762 X 63 MM - JSP MAX VELOCITY 2780 FT/S (847 M/S)	556 X 45 MM - M855/SS109 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M43 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 54R - LPS MAX VELOCITY 2850 FT/S (869 M/S)	762 X 39 MM - API MAX VELOCITY 2390 FT/S (728 M/S)	762 X 39 MM - API MAX VELOCITY 2390 FT/S (728 M/S)	762 X 63 MM - AP M2 ** MAX VELOCITY 2390 FT/S (884 M/S)	
ST-RS0LO	6	6	3	1	6	3	1	3	1	1	1

* NIJ Level III Certification Threat ** NIJ Level IV Certification Threat

SARKAR DELTA EDGE

- LEVEL III STAND ALONE

ST-DEDG



PRODUCT OVERVIEW

This single-curve 6" x 6" Side Plate has been independently tested to defeat the 7.62 x 63mm AP round.

The Delta Edge plate utilises Sintered Silicon Carbide ceramics from USA.

Weighing around 2 pounds, this plate is ideal for additional side and upper torso and also bicep protection.

THICKNESS: 1.2 IN (30 MM)

SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-DELTA3	6 x 6 in (152 x 152 mm)	1.65 lb (0.75 kg)

THREAT PERFORMANCE MATRIX:

		LEAD CORE					MILD STEEL CORE
		556 X 45 MM - M193 MAX VELOCITY 3750 FT/S (980 M/S)	762 X 39 MM - M67 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	762 X 63 MM - JSP MAX VELOCITY 2780 FT/S (847 M/S)	762 X 39 MM - M43 MAX VELOCITY 2390 FT/S (728 M/S)	
ST-DELTA3	6	6	6	6	6	6	

* NIJ Level III Certification Threat

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are $+0.00$ to -0.25 in ($+0.00$ to -6 mm). All weights are $\pm 5\%$.

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.

SARKAR RANGER SCOUT

- LEVEL III/IV STAND ALONE

ST-RSCT



BALLISTIC PLATES



Recommended
side plate
pairing:
RANGER 180



PRODUCT OVERVIEW

This high performing 10" x 12" Type III/IV plate remains our most economical and popular offering. The Ranger Scout has been certified in conjunction with Sarkar Level IIIA flexible body armour by Oregon Ballistic Labs under the NIJ-0101.06 body armour standard.

The Ranger Solo is available in multi-curve shooters cut.

The hard armour plate was certified in conjunction with an NIJ-06 soft armour ballistic model; the Sarkar Level IIIA SD3A. This is the first SARKAR hard armour plate to satisfy both the NIJ-06 Type III and Type IV rifle threat rounds.

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are $+0.00$ to -0.25 in ($+0.00$ to -6 mm). All weights are $\pm 5\%$.

THICKNESS: 0.83 IN (21 MM)

SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-RSCT4	10x 12 in (254 x 305 mm)	6.17 lb (2.8 kg)

THREAT PERFORMANCE MATRIX:

	LEAD CORE						MILD STEEL CORE			Armour PIERCING CORE		
	556 X 45 MM - M98 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M67 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	762 X 63 MM - JSP MAX VELOCITY 2780 FT/S (847 M/S)	556 X 45 MM - M855/SS109 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M43 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 54R - LPS MAX VELOCITY 2850 FT/S (869 M/S)	762 X 39 MM - API MAX VELOCITY 2390 FT/S (728 M/S)	762 X 39 MM - API MAX VELOCITY 2390 FT/S (728 M/S)	762 X 63 MM - AP M2 ** MAX VELOCITY 2900 FT/S (884 M/S)		
ST-RSCT4	6	6	3	1	6	3	1	3	1	1	1	

* NIJ Level III Certification Threat

** NIJ Level IV Certification Threat

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WARRIOR ELITE

- LEVEL IV STAND ALONE / ICW DYNEEMA®



ST-WARELT



Recommended
side plate
pairing:
DELTA EDGE



PRODUCT OVERVIEW

This 10" x 12" plate is our ultra-light NIJ Level IV insert and utilises a Hot Pressed Boron Carbide/Dyneema® composite.

This plate weighs in at less than 6 lbs. and has been tested and certified by Oregon Ballistic Labs under the NIJ-0101.06 body Armour standard.

THICKNESS: 1.2 IN (30 MM)

SAPI CUT - MULTI CURVE - TORSO PLATES

MODEL	WIDTH x LENGTH	WEIGHT
ST-WAR4	10x 12 in (254 x 305 mm)	5.29 lb (2.4 kg)

BALLISTIC PLATES

THREAT PERFORMANCE MATRIX:

		LEAD CORE				MILD STEEL CORE
ST-DELTA3	6	556 X 45 MM - M89 MAX VELOCITY 3150 FT/S (960 M/S)	762 X 39 MM - M67 MAX VELOCITY 2390 FT/S (728 M/S)	762 X 51 MM - M80 * MAX VELOCITY 2800 FT/S (853 M/S)	762 X 63 MM - JSP MAX VELOCITY 2780 FT/S (847 M/S)	762 X 39 MM - M43 MAX VELOCITY 2390 FT/S (728 M/S)
	6					
	6					
	6					
	6					

* NIJ Level III Certification Threat

Manufacturing Tolerances

Thickness dimensions are $\pm 1/8$ in (± 3 mm). Width and length dimensions are $+0.00$ to -0.25 in ($+0.00$ to -6 mm). All weights are $\pm 5\%$.

NIJ Standard-0101.06

Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard -0101.06 plus Special Rifle Threats validated.



THE ARMOUR INSERTS

- Lightweight NIJ approved Soft Armour Panels (SAP) inserts
- Available in 2 protection options:
 - NIJ 0101.06 Level IIIA (.357 SIG & .44 MAG)
 - NIJ 0101.06 Level III Stab 2 & Spike 2
- SAP sonic sealed as per NIJ 0101.06
- Fully removable

AVAILABLE COLOURS



Custom colours are available on request

PRODUCT OVERVIEW

The Sarkar Advanced Tactical Vest (ATV) is a battle-ready high-speed vest system designed exclusively for direct combat. Front and rear Soft Armour Panels offer maximum coverage, alongside front, rear and side Hard Armour Plate pockets.

The ATV features 360 MOLLE webbing, allowing the user to load the vest with accessories.

Front and rear plate pockets accommodate 10 x 12" Hard Armour Plates, side plate pockets can also accommodate 6 x 8" Hard Armour Plates, to offer users maximum protection.

FEATURES

- Outer carrier made from Cordura
- MIL-Spec Velcro, thread, webbing and elastic
- Coolmax 3D Spacer mesh lining
- Adjustable side closure design
- Front to back wrap around ballistic protection
- Integrated adjustable cummerbund
- Dorsal drag strap
- Optional rapid dump quick release system
- Left and right shoulder webbing for radio and communication handset
- Easily accessible wire routing channels
- Front and rear Velcro for attaching identification

AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

SARKAR GENERAL PURPOSE VEST

ST-GPV



PRODUCT OVERVIEW

The Sarkar Tactical General Purpose Vest (GPV) is the preferred armour vest of Armed Forces and Police Authorities around the world.

It provides effective front, back and side ballistic protection. The Standard GPV is a duty overt vest, with no MOLLE webbing. Front and rear plate pockets can accommodate 10x12 inch Hard Armour Plates, to offer users maximum protection.

RECOMMENDED PAIRING:
SARKAR OPTIMAL
BALLISTIC ACCESSORIES



THE ARMOUR INSERTS

- Lightweight NIJ approved Soft Armour Panels (SAP) inserts
- Available in 2 protection options:
 - NIJ 0101.06 Level IIIA (.357 SIG & .44 MAG)
 - NIJ 0101.06 Level IIIA* Stab 2 & Spike 2
- SAP sonic sealed as per NIJ 0101.06
- Fully removable
- 5 year guarantee on all Ballistic SAPs

AVAILABLE COLOURS



FEATURES

- Outer carrier made from Cordura
- MIL-Spec Velcro, thread, webbing and elastic
- Coolmax 3D Spacer mesh lining
- Adjustable side closure design
- Front to back wrap around ballistic protection
- Integrated adjustable cummerbund
- Dorsal drag strap
- Tactical model features 360 MOLLE webbing for accessory pouches
- Dimensions: 52x52x20cm
- Weight: 4kg

AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

SARKAR OVERT PATROL VEST



ST-OPV

BALLISTIC VESTS



PRODUCT OVERVIEW

Overt Patrol Vest is designed for Law Enforcement, Prison and Security Officers who need functional yet, highly visible and extremely reliable overt vests. The Patrol Vest offers protection from Ballistic, Stab and Spike threats.

The Overt Patrol vest was specially designed for Scottish Police Officers and combines the safety and familiarity of a front opening system with a fully adjustable 'continuous' front, back and side protection.

THE ARMOUR INSERTS

- Lightweight Kevlar®, Dyneema® or Honeywell Soft Armour Plates (SAPS) (including front, back, sides and shoulder protection)
- Average weight approx 2.5 kg
- NIJ Level IIIA protection – 9mm, 357 Mag, .357 Sig, .44 Mag, Shotgun & more
- Sonic welded in water proof covers
- Compatible for use with Sarkar
- Protector® Hard Armour Rifle Plates
- High V50 Fragmentation value
- High level of Stab up to KR3 and Spike up to SP3 (optional)
- 5 Year Guarantee.

AVAILABLE COLOURS



FEATURES

- Protection to NIJ level 0101.04 IIIA with multi-hit capability
- Inherent flotation system providing in excess of 200N of positive buoyancy
- Level III/IV armour plate pockets
- Front, back and side protection
- Removable machine washable cover
- Simple fully adjustable Velcro closures, secured by buckle closure
- Waterproof and UV proof ballistic panels
- Full freedom of movement
- Additional nylon webbing belt securing system
- Optional Reflective panels

AVAILABLE SIZES

Available in S to XL

SARKAR VIP ULTRA COVERT VEST

ST-UCTV



PRODUCT OVERVIEW

The Sarkar Ultra Covert Vest offers the thinnest, lightest and most flexible low profile concealed design of it's kind in the UK.

We have supplied this vest to a number of VIPs and Royal Families around the world.

FEATURES

- 4 Points of adjustment for added comfort and close fit
- High tensile low profile Velcro fastenings
- All seams double stitched for extra strength
- Coolmax® Fresh inner lining – moisture absorbing and anti bacteria

THE ARMOUR INSERTS

Ballistic (bullet) protection level:
NIJ Level II (0101.06) & NIJ Level IIIA (0101.06)
.357 Sig .44 Mag

Fragmentation performance:
STANAG 2920 V50 17 grain fragment test
Knife protection level: KR1/KR1

Spike Protection Level: SP1/SP2

Weight: from 2.1kg

Sizes: Standard sizes Small – XXL

Protection area: Front, back and sides

Standard colour: White

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XXL

SARKAR BALLISTIC FLOATATION VEST 110

ST-BFV



FEATURES

- Protection to NIJ level 0101.04 IIIA with multi-hit capability
- Inherent flotation system providing in excess of 200N of positive buoyancy: manual or automatic inflation
- Level III/IV armour plate pockets
- Front, back and side protection
- Removable machine washable cover

AVAILABLE COLOURS



PRODUCT OVERVIEW

The SARKAR BFV110, combines the ballistic qualities of a Tactical Vest with the safety and buoyancy characteristics of a Flotation Vest. The design of the shoulder closure combined with a full wrap around nylon webbing belt and groin strap prevent the vest from riding up while in the water.

Specifically designed to with-stand the rigors of military and tactical service life. The selection of materials, ergonomic design and the structure of the garment ensure longevity.

The vest features a continuous front and rear panel design. This ensures full extent of protection to the front, back and sides of the torso.

Panels of woven water repellent Aramid sealed in an Armour bag to provide the "soft" protection. These packs are tailored to provide maximum extent of protection. The design of the Aramid allows a high degree of flexibility to accommodate anthropometric variations and avoid restrictions to movement. The full armour construction is maintained over the entire ballistic panel.

- Simple fully adjustable Velcro closures, secured by buckle closure
- Waterproof and UV proof ballistic panels
- Full freedom of movement
- Additional nylon webbing belt securing system
- Optional Reflective panels
- The armour pack and cover can all be replaced if damaged.

AVAILABLE SIZES

Available in S to XXL

SARKAR BALLISTIC FLOATATION VEST 120

ST-BFV120



FEATURES

- Protection to NIJ level 0101.04 IIIA with multi-hit capability
- The protection is upgradable to incorporate Stab and Spike threats.
- BFV120 accept all Sar kar Protector® Hard Armour Plates.
- Inherent flotation system providing in excess of 200N of positive buoyancy
- Level III/IV armour plate pockets
- The armour pack and cover can all be replaced if damaged
- Front, back and side protection Removable machine washable cover

AVAILABLE COLOURS



PRODUCT OVERVIEW

The SARKAR BFV120 combine the ballistic qualities of a Tactical Vest with the safety and buoyancy characteristics of a Flotation Vest. The design of the shoulder closure combined with a full wrap around nylon webbing belt and groin strap prevent the vest from riding up while in the water.

Specifically designed to meet the rigors of military and tactical service life. The selection of materials, ergonomic design and the structure all contribute to the reliability and longevity of the vest.

The vest feature a continuous front and rear panel design. This ensures full extent of protection to the front, back and sides of the torso.

BFV120 is designed to be a high threat tactical vest. We use light weight buoyancy neutral and water resistant Dyneema® to provide Level IIIA protection. Dyneema® allow a high degree of flexibility to accommodate anthropometric variations and avoid restrictions to movement. The full armour construction is maintained over the entire ballistic panel.

- Simple fully adjustable Velcro closures, secured by buckle closures
- Waterproof and UV proof ballistic panels
- Full freedom of movement
- Additional nylon webbing belt securing system
- Optional Reflective panels
- The armour system has been extensively tested. Copy test reports are available on request.
- 5 years warranty

AVAILABLE SIZES

Available in S to XXL

SARKAR BALLISTIC FLOATATION VEST 180

ST-BFV180



PRODUCT OVERVIEW

The Sarkar Tactical BFV180 combines the ballistic qualities of a Tactical Vest with the safety and buoyancy characteristics of a Flotation Vest. The design of the shoulder closure combined with two, two-inch side adjustable speed buckles and submarine straps prevent the vest from riding up while in the water.

The vest features an overlapping front and rear panel design. This ensures full extent of protection to the front, back and sides of the torso. Standard protection is Level IIIA (0101.06) soft armour. The protection is upgradeable to incorporate Stab and Spike threats.

BFV180 is designed to be a high threat tactical vest. We use light weight buoyancy neutral and water resistant Dyneema to provide Level IIIA protection. Dyneema allows a high degree of flexibility to accommodate anthropometric variations and avoid restrictions to movement. The full armour construction is maintained over the entire ballistic panel.

FEATURES

- Protection to NIJ level 0101.04 IIIA with multi-hit capability
- Inherent flotation system providing in excess of 200N of positive buoyancy
- Level III/IV armour plate pockets
- Front, back and side protection
- Removable machine washable cover

- Simple fully adjustable Velcro closures, secured by buckle closures
- Waterproof and UV proof ballistic panels
- Full freedom of movement
- Additional nylon webbing belt securing system
- Optional Reflective panels
- 5 years warranty

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XXL

CONTINUED ON NEXT PAGE

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SARKAR BALLISTIC FLOATATION VEST 180

ST-BFV180



SPECIFICATIONS

- All soft ballistic protection to NIJ level 0101.06 IIIA with multi-hit capability
- Sonic sealed, 100% UV and waterproof ballistic pockets
- Side-Zippered front and rear self draining plate pockets
- 600D Cordura® construction
- Full overlapping side protection
- Two-piece ballistic neck & throat Protector
- MOLLE system
- Heavy duty drag handle
- Adjustable submarine straps (2)
- Heavy duty drag strap
- Removable flotation collar via continuous zipper and front speed buckles
- Aqua Spec Integrated advanced automatically activated locator light
- Pull down IR/VL Reflective tabs (3)
- Colors available in OCP, Black and Navy Blue

INTEGRATED FLOTATION

- Minimum buoyancy value (corrected buoyancy measured after 24 hours submersion) for each sizes must be as follows –
- M – 120N
- L – 160N
- XL – 200N

SARKAR PRESS VEST

ST-SPV



PRODUCT OVERVIEW

Instead of trying to adapt an existing model, we went back to the drawing board and designed this vest 'ground-up'.

A professional and clean appearance is vital for on-air personalities, and at the same time the vest needs to offer them complete peace of mind.

The Press Vest design is unique in the market. With foldaway neck protection, Coolmax® lining and inner lumbar support, the Medial Personnel Vest continues to be the number one choice of media personnel. MPV was designed to not only protect, but to look good doing it.

Smooth outer carrier constructed in abrasive - resistant CorduraT with heavy duty Velcro closures, all in internationally-recognized PRESS blue.

RECOMMENDED PAIRING:
SARKAR OPTIMAL
BALLISTIC ACCESSORIES



FEATURES

Ballistic (bullet) protection level:

NIJ Level II (0101.06) & NIJ Level IIIA (0101.06) .357 Sig .44 Mag

- Fragmentation performance: STANAG 2920 V50 17 grain fragment test
- Weight: from 2.1kg
- Protection area: Front, back and side
- All-round adjustment for added comfort and close fit

- High tensile low profile Velcro fastenings
- All seams double stitched for extra strength
- Clever Collar and Neck attachment prevents the accessories getting misplaced
- Easily read "PRESS" logo patches, front and back
- Coolmax® Fresh inner lining – moisture absorbing and anti-bacteria

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XXL

www.sarkartactical.com

info@sarkartactical.com

SARKAR COVERT TACTICAL VEST

ST-CTV



PRODUCT OVERVIEW

The Sarkar Covert Tactical Vest (CTV) can be worn discreetly under clothing to provide low profile concealed protection or overtly as part of the uniform.

Large front and rear Velcro panels allows for external identification to be quickly and easily attached.

FEATURES

- Fragmentation performance: STANAG 2920 V50 17 grain fragment test
- Outer carrier made from Cordura
- MIL-Spec Velcro, thread, webbing and elastic
- Coolmax 3D Spacer mesh lining
- Front and rear 10 x 12" Hard Armour Plate (HAP) pockets
- Adjustable side closure design
- Front to back wrap around ballistic protection
- Front and rear Velcro for attaching identification

THE ARMOUR INSERTS

- Lightweight NIJ approved Soft Armour Panels (SAP) inserts
- Available in 2 protection options:
- NIJ 0101.06 Level IIIA (.357 SIG & .44 MAG)

- NIJ 0101.06 Level III Stab 2 & Spike 2
- SAP sonic sealed as per NIJ 0101.06
- Fully removable
- 5 year guarantee on all ballistic SAPs

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

SARKAR BELLATOR PLATE CARRIER



ST-BLTR



FEATURES

- Lightweight, close-fitting design
- Offered in 1000D Cordura®
- Tough enough to be worn in all conditions
- Fully adjustable waist and shoulders
- Will hold 8"x10" and 10"x12" plates
- Front panel allows for hook & loop ID panel if needed
- PALS webbing on front, rear and cummerbund to mount MOLLE compatible pouches
- Reinforced drag handle on the back
- Side Plate pouches available
- Dual interior radio pouches

AVAILABLE COLOURS



PRODUCT OVERVIEW

The Bellator is the latest tactical plate carrier from Sarkar. It is a MOLLE compatible plate carrier which is designed to carry two torso plates and 2 side plates.

It meets the needs of tactical teams within the law enforcement, government and military special operations units with a completely mission adaptable Armour system and load pack. Designed to provide maximum functionality and maneuverability, this carrier offers the perfect combination of protection and performance. We have designed this model to be the ultimate Active Shooter Response Carrier.

- Interlacing system at the back center of cummerbund with bungee cord, secured with plastic cord locks
- Carrier panels are well padded to provide positive buoyancy
- Soft Armour panels in NIJ Level IIIA
- Front, back and side plate pockets
- Cummerbund storage
- Centered pocket for quick access to maps
- Mil-Spec stitching, Type E thread
- Fast release system that allows easy and quick removal (optional)

AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

SARKAR KRIEGER PLATE CARRIER

ST-KGR



PRODUCT OVERVIEW

The Krieger is the latest tactical carrier from Sarkar. It is a MOLLE compatible plate carrier which accepts the use of soft Armour inserts as well as the hard Armour plates that it was designed for.

It meets the needs of tactical teams with a completely mission adaptable Armour system. Designed to provide maximum functionality and manoeuvrability, this carrier offers the perfect combination of protection and performance.

RECOMMENDED PAIRING:
SARKAR OPTIMAL
BALLISTIC PLATES



FEATURES

- Lightweight, close-fitting design
- Offered in 1000D CorduraR
- Tough enough to be worn in all conditions
- Fully adjustable waist and shoulders
- Soft Armour pockets in front, rear and cummerbund
- Will hold 8"x10" and 10"x12" plates
- Front panel allows for hook & loop ID panel if needed
- PALS webbing on front, rear and cummerbund to mount MOLLE compatible pouches
- Reinforced drag handle on the back

AVAILABLE COLOURS



- Interlacing system at the back centre of cummerbund with bungee cord, secured with plastic cord locks
- Carrier panels are well padded to provide positive buoyancy
- Soft Armour panels in NIJ Level IIIA (04 or 06 standards) Stab and Spike
- Hard Armour plates available in NIJ Level III and IV in either in-conjunction or stand alone
- Side Plate pouches available
- A releasable version is also available

AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

STORMFORCE® RANA BALLISTIC SHIELD

ST-SFBR



PRODUCT OVERVIEW

The Sarkar range of StormForce® ballistic shields incorporate the latest materials, innovative technology and a handle system.

They are available in a standard range of sizes and in a number of different protection levels.

Designed to meet the unique needs of the first responder. Compact enough to fit in the trunk of a patrol cruiser, the Sarkar Rana shield allows you to accomplish your mission safely and effectively with enhanced cover and uncompromised mobility.

PROTECTION LEVELS

Ballistic (bullet) protection level:

- NIJ IIIA 0101.06
- Fragmentation V50 of over 700 m/s 17gr FSP
- Available with POLICE or SHERIFF legend, with white lettering
- Available with Dual Lighting System
- Dual lighting system with pressure switch and rechargeable NiCad battery

AVAILABLE COLOURS



FEATURES

- Multifunctional handle enabling the shield to be used by both left and right handed people
- Two additional handles to allow the shield to be held with the forearm vertically
- Protects against Type IIIA rounds and velocities.
- Water resistant



PRODUCT OVERVIEW

The StormForce® Sparta Armour shield combines years of advanced ballistic technology and experience with a rugged state-of the art molded design.

The shield offers maximum coverage and high-speed maneuverability with Threat Level IIIA protection. Manufactured with advanced-composite, high-performance fibre, Dyneema® UD-HB25 or Dupont Kevlar® Composite.

FEATURES

- Enlarged 10 cm x 40 cm curved viewport for maximum peripheral vision
- Laminated viewport design protects against multiple shots
- Strikeface and backface vacuum formed from a single piece for greater durability
- Horizontal ambidextrous handle for longer use without fatigue
- Rectangular, curved design for maximum protection
- Carrying Bags to fit each size
- 3-inch clearance between shield and handle to protect against injury from impact trauma Weapon Rest Cut Out
- Available with POLICE or SHERIFF legend, with white lettering
- Dual lighting system with pressure switch and rechargeable NiCad battery
- Available with Dual Lighting System
- Water resistant
- 60 cm x 83 cm

AVAILABLE COLOURS



Custom Colours Available on request

AVAILABLE SIZES

Custom size available on request



URBAN TAN KIT -
BUNGEEES OPTIONAL

PRODUCT OVERVIEW

The Ops-Core Accessory Rail Connectors (ARCs) transforms ACH style helmets into a streamlined platform capable of integrating mission enhancing components and accessories such as visors, mandibles, lights, and cameras.

These standard ACH ARCs easily mount to the sides of the helmet using existing chinstrap holes in the helmet.

FEATURES

- Multiple non-snap attachment points provide quick, easy, and secure donning and doffing of accessories
- In a streamlined configuration to minimise user distraction
- Visor mounts directly; mandible through a point moulded into the rail
- May be integrated with liners and retention systems

- Based on Ops-Core FASTTM ARCs
- Compatible with ballistic visors and mandibles to offer several options for fully integrated face protection
- Corners of the rail designed for compatibility with Ops-Core O2 Mask
- Straps making the helmet suitable for HALO/HAHO operations
- Clean routing of external wires and cables

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all. (Fits the bolt pattern of Gentex ACH style helmets, sizes small to extra-large)

HELMET UPGRADE 1

ST-HMTU1



PRODUCT OVERVIEW

Upgrade your combat helmet with Camfit harness and genuine Ops Core accessories.

Our helmet upgrade kit has everything you need to enhance your Sarkar helmet. Helmet Kit is compatible with: Sarkar ALPHA, Sarkar ACH & Sarkar SIGMA. If purchased with a helmet your Upgrade Kit will be fitted before shipping.

FEATURES

Helmet Update Kit 1 Contains:

- Side Accessory Rails
- NVG Shroud
- Goggle Clips
- Helmet Bungees
- Picatinny Rail Slider
- Wing Rail Slider
- Velcro Kit

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all. (Fits the bolt pattern of Gentex ACH style helmets, sizes small to extra-large)

HELMET UPGRADE 2

ST-HMTU2



PRODUCT OVERVIEW

Upgrade your combat helmet with Sarkar liner and harness and genuine Ops Core accessories.

Our helmet upgrade kit has everything you need to enhance your Sarkar helmet.



FEATURES

Helmet Update Kit 2 Contains:

- Sarkar 7-pad comfort system
- Sarkar secure-fit harness
- Ops Core ARC Rails
- Ops Core NVG Shroud (VAS)
- Goggle Clips
- Helmet Bungees
- Picatinny Rail Slider
- Wing Rail Slider

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all. (Fits the bolt pattern of Gentex ACH style helmets, sizes small to extra-large)

RAIL MOUNT FACE SHIELD

ST-RMFS



PRODUCT OVERVIEW

Unparalleled fit and function over any similar product, the rail mount premium designed to fit helmets with the Ops Core® side rail system.

The 6mm thickness is rated to withstand fragmentation, while the premium anti fog and anti-abrasion coatings give the shield a longer service life. Optically correct lens minimises distortion and optimizes visibility.

Helmet not included.

FEATURES

- Plastic alloy with aluminum arms and steel inserts / components
- Clear shield 0.625kg
- NIJ 0104.02
- V 50 rated for fragmentation
- Shield locks into the stowed, deployed, or halfway positions and can be released with one hand.
- Pivot and lock assembly can be transferred to right or left of the shield for individual preference
- Shield Polycarbonate; Attachment System
- length: 15 cm
- Shield: 6mm.

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XL

SARKAR TACTICAL FLEX LOC DIAL LOCK RETENTION SYSTEM

ST-FXL



PRODUCT OVERVIEW

The Sarkar Flex Loc™ Retention System utilises Cam Lock sliders for one-handed adjustment and secure fit and can be fully integrated with any helmet, including all Sarkar Tactical helmets.

The Flex Loc™ Retention System is also available in a left eye dominant (LED) option. (Note: The Flex Loc™ Retention System comes standard with the side release buckle on the left side of the face for right eye dominant shooters. The LED option moves the buckle to the right side of the face for left eye dominant shooters).

FEATURES

- The Dial Fit System stabilises the weight of the helmet by distributing a light, even pressure around the head
- The system offers more stability when using night vision devices.
- The adjustment straps and chin-cup have been designed for a close, comfortable fit
- The asymmetric design keeps the buckle tucked smoothly along the jaw line while maintaining a snug, even feel around the chin-cup
- The chin-cup lining ensures maximum comfort and chafe-free wear at any temperature

AVAILABLE COLOURS



AVAILABLE SIZES

Size 1 - S, M, L
Size 2 -XL

HEL-STAR 6 MARKER LIGHTS

ST-HELS6



PRODUCT OVERVIEW

HEL-STAR 6® is the latest in a series of marker lights designed specifically for helmet-mounting for airborne, MFF, and other military operations.

It combines features of the earlier HEL-STAR 4® & 5® models into a compact design with enhanced visibility and easy battery replacement. Up to four user-defined functions in two separate operating modes are available in virtually any combination of white, green, blue, red, and IR - either flashing or steady. Variable flash rates and coded signals are available for enhanced IFF capability.

FEATURES

- **Safety** - The unique battery access design provides a curved profile on all sides, minimising snag hazard. Velcro® attachment provides emergency peel-away from helmet to reduce potential for injury and loss
- **Versatility** - Up to four user-defined functions are available in a range of visible colors and IR signals, either flashing or steady
- **Visibility** - Omni-directional. Intensities can scaled up or down for special requirements. White flash exceeds FAA 3-statute mile requirements

AVAILABLE COLOURS

Custom colours / signal / intensity codes are available on request

- **Simple, Secure Operation** - Detented sliding switches are designed for positive operation by a gloved-hand, in the blind, with the helmet donned. The new nose switch/plug in the Model 620-Series provides total security between overt and covert operating modes
- **Operating Extremes** - A single CR123 lithium cell provides long life at extreme temperatures. Gen II units are waterproof to depths of 130 fsw
- **Status Confirmation** - Positive visual and tactile confirmation of ON/OFF and operating status with no guesswork. Helps prevent inadvertent battery depletion if left ON in IR mode
- **Easy Battery Replacement** - Battery can be replaced in the field, quickly, without special tools

BALLISTIC SHIN GUARDS

ST-BLSG



PRODUCT OVERVIEW

Made of 1000D Nylon and Twaron aramid ballistic fabric, SARKAR's Ballistic Shin Guards have been tested against NIJ Type IIIA rounds and velocities.

They provide 180-degree frontal coverage of the knee and shin and are attached to the leg with two adjustable, heavy duty straps.

The ballistic panels are designed to protect the wearer from Level IIIA projectiles, angular shots and exploding shrapnel.

FEATURES

- Twaron aramid ballistic fabric
- NIJ IIIA 0101.06 Compliant
- 1000D Nylon PU coated and fire-retardant outer cover
- Available with Stab and Spike protection
- 180-degree frontal & side coverage of the knee and shin
- One size fits all

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all

GROIN PROTECTOR

ST-GRPR



PRODUCT OVERVIEW

Upgrade your ballistic vest, for a higher coverage area, with our ballistic armour accessory upgrades.

Our fully detachable accessories can be fitted to any Sarkar Overt Ballistic Vest.

FEATURES

- Outer carrier made from Cordura
- MIL-Spec Velcro, thread and elastic
- Coolmax 3D Spacer mesh lining

THE ARMOUR INSERTS

- Lightweight NIJ approved Soft Armour Panels (SAP) inserts
- Available in 2 protection options:
 - NIJ 0101.06 Level IIIA (.357 SIG & .44 MAG)
 - NIJ 0101.06 Level III Stab 2 & Spike 2
- SAP sonic sealed as per NIJ 0101.06
- Fits all Sarkar Overt Ballistic vests
- Fully detectable

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all

COLLAR AND NECK PROTECTION

ST-CNPR



PRODUCT OVERVIEW

Upgrade your ballistic vest, for a higher coverage area, with our ballistic armour accessory upgrades.

Our fully detachable accessories can be fitted to any Sarkar Overt Ballistic Vest.

FEATURES

- Outer carrier made from Cordura
- MIL-Spec Velcro, thread and elastic
- Coolmax 3D Spacer mesh lining

THE ARMOUR INSERTS

- Lightweight NIJ approved Soft Armour Panels (SAP) inserts
- Available in 2 protection options:
 - NIJ 0101.06 Level IIIA (.357 SIG & .44 MAG)
 - NIJ 0101.06 Level III Stab 2 & Spike 2
- SAP sonic sealed as per NIJ 0101.06
- Fits all Sarkar Overt Ballistic vests
- Fully detectable

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all

BICEP PROTECTORS

ST-BPPR



PRODUCT OVERVIEW

Upgrade your ballistic vest, for a higher coverage area, with our ballistic armour accessory upgrades.

Our fully detachable accessories can be fitted to any Sarkar Overt Ballistic Vest.

FEATURES

- Outer carrier made from Cordura
- MIL-Spec Velcro, thread and elastic
- Coolmax 3D Spacer mesh lining

THE ARMOUR INSERTS

- Lightweight NIJ approved Soft Armour Panels (SAP) inserts
- Available in 2 protection options:
 - NIJ 0101.06 Level IIIA (.357 SIG & .44 MAG)
 - NIJ 0101.06 Level III Stab 2 & Spike 2
- SAP sonic sealed as per NIJ 0101.06
- Fits all Sarkar Overt Ballistic vests
- Fully detectable

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all



PRODUCT OVERVIEW

Sarkar Helmet Ballistic Visors are laminated with PMMA and polycarbonate with special interlayer. The fixing brackets are anodised aluminum with plunger type lock mechanism on the right hand side.

Our visors are designed to offer entire facial protection against multiple hits of ballistic threats, as well as fragmentation and blunt impact. With no air-space between layers, Sarkar Visors have the highest light transmission and minimal distortion. Adaptable to most helmet styles.

Sarkar Helmet Ballistic Visors are currently in service with military, para-military, law enforcement, bomb disposal, and EOD teams worldwide.

FEATURES

- Twaron aramid ballistic fabric
- NIJ IIIA 0101.06 Compliant
- 1000D Nylon PU coated and fire-retardant outer cover
- Available with Stab and Spike protection
- 180-degree frontal & side coverage of the knee and shin

AVAILABLE COLOURS



AVAILABLE SIZES

One size fits all



PUBLIC ORDER & TACTICAL GEAR





PRODUCT OVERVIEW

The Anti riot suit is versatile, comfortable and easy to don. Hard shell 3-panel 3 mm hard shell front and back panels as well as hard shell design throughout the system. Designed with flexibility, durability protection, fit and comfort in mind.

Nylon connector straps attach with velcro, fully adjustable throughout. shock absorbing impact foam with a breathable polyester mesh used to protect the user while never sacrificing comfort.

Dull black finish to avoid reflection. heavy-duty reinforced impact foam padded nylon inner support.

Multiple adjustable nylon elastic and velcro straps give a secure fit. Removable adjustable foot guards.

SYSTEM CONSISTS OF THE FOLLOWING:

- Upper body & shoulder protection
- elbow & forearm protection
- thigh & groin protection
- knee & shin guard protection

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XL

CONTINUED ON NEXT PAGE

SARKAR PUBLIC ORDER SUIT 104

ST-POS104





PRODUCT OVERVIEW

The Public Order Suit is versatile, comfortable and easy to don. Designed with flexibility, durability protection, fit and comfort in mind.

Material: High-Performance engineering plastic + High Molecular Weight polythene fibre. Anti-Puncture: Subject to up to 20J Kinetic energy of puncture, Protection layer is not penetrated at knife point.

Anti-Impact: Subject to the Impact of 120J kinetic energy, the protection layer is not damaged or broken.

Strike power absorbing: Subject to 100J kinetic energy strike at protection layer, the colloid clay Impress does not exceed 20mm.

Fire proof Performance: After blazing sample for 10 seconds, taking off bunsen burner, sustained combustion should be not more than 10 seconds.



AVAILABLE SIZES

Available in S to XL

AVAILABLE COLOURS



CONTINUED ON NEXT PAGE



FEATURES

PROTECTION AREA: 1.08 m²

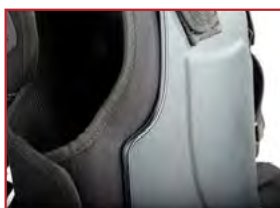
WEIGHT: 8 kg

PROTECTED PARTS: Chest, back, up arm, forearm, side, shoulder, elbow, lap, knee, shin, head. Anti Riot Products are made of special strong plastic resistant to braking & impact.

- The Body Protector protects the breast, the shoulders, the arms, and the legs.
- Plastic parts half inflammable and sock-resistant

CHARACTERISTICS:

- The plastic parts have been supported by a shock absorbing, shock-resistant material for extra protection purpose.
- Adjustable rubber and snap fastening system are available for elasticity and comfortable fit.





PRODUCT OVERVIEW

The Anti riot suit is versatile, comfortable and easy to don. Designed with flexibility, durability protection, fit and comfort in mind.

Standard ©BS 7971

SIZE: 170~190 cm

EQUIPMENT COMPOSITION: Upper Body Vest, Arm Protector (elbow, forearm protector), Leg Protector (knee, shin, foot protector), Thigh Protector, Groin Protector, Gloves

Transportable Suitcase for Storage

WEIGHT: 8.5 kg

MATERIAL: Protective shell: High strength and toughness fire resistant injection PC, Front & back plate: leather material,

LINING: EVA



AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XL

CONTINUED ON NEXT PAGE

HELMET



TORSO PROTECTOR



THIGH PROTECTOR



FEATURES

PROTECTION AREA:

- 1.Chest, Abdomen and Groin: ≥ 0.17
- 2.Back: ≥ 0.18
- 3.Arms: ≥ 0.22
- 4.Legs: ≥ 0.42

RESISTANCE CAPABILITY:

- Velcro: $> 7.2\text{N/cm}^2$
- Buckle: $> 500\text{N}$
- Joints: $> 5000\text{N}$

FIRE RESISTANT: After blazing sample for 10 seconds, taking off bunsen burner, sustained combustion should be not more than 10 seconds

ANTI IMPACT RESISTANCE: Able to withstand continuous direct hit using 5.8kg steel ball to chest and arms from a distance of 220cm ($\geq 120\text{J}$)

TEMPERATURE TEST: The material use and able to withstand extreme temperature. Withstand 4 hours of extreme temperature between -20° and $+55^\circ$ with humidity of 95%.

LEG PROTECTOR



ARM PROTECTOR



SARKAR PUBLIC ORDER HELMET 001

ST-POH001



FEATURES

- Body: reinforced ABS, imported or indigenous material
- Visor: sclerous PC, fog-proof, scratch-proof
- Customer can order visor capability freely
- Lens: convex or flat shape
- Neck protector made of fabrics, nylon and contain foam filler to block hurtful or dangerous liquids to access and flexible design
- Chip Strap: rubber
- WEIGHT: 160kg



AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XXL



FEATURES

- Material: High-Performance engineering plastic + High Molecular Weight polythene fibre
- Body: reinforced ABS, imported or indigenous material.
- Visor: sclerous PC, fog-proof, scratch-proof, customer can order visor capability freely
- Lens: convex or flat shape
- Neck protector made of fabrics, nylon and contain foam filler to block hurtful or dangerous liquids to access and flexible design
- Chip Strap: rubber
- WEIGHT: 1.6kg

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XXL



FEATURES

- Body: reinforced ABS, imported or indigenous material
- Visor: sclerous PC, fog-proof, scratch-proof, customer can order visor capability freely
- Stainless steel frame with face protector made of movable metal nets from top to down, with flexibility of ability to fix if from the top and down
- Strong belt mounted below the chin to fix the helmet and made of nylon strap and provided with flexible plastic piece below the chin
- Neck protector made of fabrics, nylon and contain foam filler to block hurtful or dangerous liquids to access and flexible design
- Able to absorb sound inside the helmet when exposure to hit
- Weight: 1.8 KG

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S – XXL

ST-POS001

ST-INS003

SARKAR PUBLIC ORDER SHIELD 001



FEATURES

- Material: UV stabilised polycarbonate sheet with 95% transparency
- Shape: rectangular
- Length: 900 ± 10 mm
- Breadth: 500 ± 10 mm
- Thickness: 3.00 ± 0.50 mm
- Weight: 2.60 kgs ± 100 gms.

SARKAR INTERLOCKING SHIELD



FEATURES

- Material: UV stabilised polycarbonate sheet with 95% transparency
- Shape: rectangular
- Length: 900 ± 10 mm
- Breadth: 500 ± 10 mm
- Thickness: 3.00 ± 0.50 mm
- Weight: 2.60 kgs ± 100 gms



FEATURES

- Material: PC transparent with cushioned diagonal elbow rail and anti-slip handle
- Shape: rectangular
- Width: 60 cm
- Length: 102 cm
- Thickness: 6.00 cm
- Length of handgrip: 5.10 cm
- Width of handgrip: 2.10 cm
- Diameter of handgrip: 3.50 cm





FEATURES

1. Material: ABS
2. Length: 600 mm
3. Diameter: 25 mm \pm 2 mm
4. Wall Thickness: 4 mm \pm 0.50 mm
5. Weight: 450 gms
6. Features:
 - Ultra strong
 - Light weight
 - Effective deterrent
 - High impact resistance
 - Long shelf life



FEATURES

The extendable baton fulfill the following requirements:-

1. Folded length: 180-220 mm
2. Expanded length: about 530 mm
(Handle Diameter 22-30mm, adjustment for big hands should be possible, for example, with a solid sleeve)
3. Weight: not more than 600 gm
4. Material: Permanent and fracture resistance

All the materials are:-

- i) Resistance to high and low temperatures (-20°C to +70° C)
- ii) Difficult to catch fire, self-extinguishing
- iii) Resistance to chemicals e.g. cleaning agents, lubricants and solvents
- iv) Resistance to aging, corrosion, temperature and UV radiation



FEATURES

1. Material: Rubber/PP
2. Super lightweight, with carrying belt
3. Distortion :0°C~80°C
4. Special soft design handle and a Nylon cord at the end
5. Prevents sliding
6. Length: 85 cm
7. Diameter (body): 2.8 cm



TECHNICAL DATA

Outer coverall fabric options:

- 185 gsm
- 230 gsm
- 280 gsm
- 340 gsm

Provides cut level 5 protection to:

- Upper Femoral Artery
- Groin
- Elbows
- Knees

Provides a high level of protection from:

- Fire
- Flame
- Heat
- Glass
- Sharp Edges
- Flash Bangs

Fire Resistant to:
BS EN 533 : 1995

Cut Resistant to:
BS EN 388 : 2003

AVAILABLE COLOURS



PRODUCT OVERVIEW

Sarkar Tactical have created this innovative Tactical Assault coverall for police and armed personnel working in the harshest of conditions.

This tactical coverall will significantly reduce the risk of injury during high impact operations.

The outer coverall is both lightweight and comfortable while ensuring full body protection. Cut Protection in vulnerable areas to Level 5 along with full fire resistant properties to US standards.

FEATURES

- One Piece Front Zip Cover and Neck Seal
- Articulated Arm Profile
- Sculpture Cut Level 5 Elbow Pads
- Hook and Loop Cuffs
- Cut Level 5 Groin Protection

AVAILABLE SIZES

Available in S - XL



PRODUCT OVERVIEW

The Sarkar CWU 27/P Flight Suit is built to military specification as worn by all U.S. flight crews.

Made with flame-resistant, non-melting N fabric, our suit features a two-way zipper with pull, six primary pockets, an adjustable waist belt with hook and loop closure, felled seams and a bi-swing back.

FEATURES

- Sewn to military specification
- Flame-resistant, non-melting material
- Fabric is lightweight, will never fade
- NIR compliant
- Felled seams throughout for enhanced durability
- Six primary pockets with additional accessory pockets

- Two-way zipper front with cloth pull
- Adjustable hook and loop closure at sleeve cuffs
- Adjustable waist belt with hook and loop closure
- Zippered leg openings
- Reinforced shoulders to prevent wear
- Bi-swing back improves range of motion
- 5% para aramid / 3% conductive fibres

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S - XXL



PRODUCT OVERVIEW

The Sarkar Tactical Jumpsuit mirrors your every move, holds all your gear, and protects you from the never-ending hazards you run into.

Our Tactical Jumpsuit have plenty of pockets. You get front trouser, sleeve, chest, and two expandable double-cargo pockets on the thighs.

Our fabrics are tough enough to give you years of wear. Pencil in extra pockets, zippers, or other special features to design the perfect Tactical Uniform for your job.

FEATURES

- Superior fit for lasting comfort over an entire shift
- Adjustable waistband
- Belt-keeper loops
- Bi-swing shoulder
- Blousing straps
- Triple-stitched and bartacked for extra durability
- Removable neoprene knee and elbow pads

- Genuine YKK® zippers and Prym® snaps
- Teflon® treated for stain, liquid and dirt resistance
- 5.78 ounce poly-cotton twill
- Short, regular and long lengths
- Hidden document chest pockets
- Large side outer pockets
- Back-up Belt System™ for secure storage of gear

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S - XL



PRODUCT OVERVIEW

Sarkar Military Nomex® CWU-45P Flight Jacket is as per the current, government-issue USAF and USN flight jacket.

This Military Nomex CWU-45P Flight Jacket is a winter weight jacket.

FEATURES

- Nomex® fire-resistant fabric
- Manufactured to US Military Specification MIL-J-83388E
- Front zipper closure with storm flap
- Fully lined double-stitched patch pockets with hook and loop fastener tape closure
- Fastener tape patch
- Knit cuffs and waistband
- Fit: Normal

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S - XL

SARKAR DOORKICKER TACTICAL GLOVES

ST-DKGLOVE



PRODUCT OVERVIEW

Not just a glove but a system. The only glove designed as first and foremost a shooting glove and then for Tactical Ops. But perfect also if you just want to take the Harley for a spin.

This glove features our unique leather and hard knuckle design with light padding in the palm and around the outer edges of the hand for excellent protection.

Designed for all SWAT and tactical teams, specifically breachers; military ground combat forces in mechanised vehicles and Special Forces. Perfect for breaking and raking or using a battering ram.

FEATURES

- Polycarbonate split knuckle protection with inner padding
- Soft and durable leather around hard knuckle for maximum comfort and movement
- Suede palm with reinforcements
- Breathable cooling bellows for maximum movement and comfort

- Specially designed tactical ambidextrous trigger finger for maximum feel
- Touch Screen enabling patch on middle finger
- Wrist length with hook and loop closure for a secure fit

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S - XL

SARKAR NOMEX FLIGHT GLOVES

ST-NFGLOVE



PRODUCT OVERVIEW

These Nomex Flight Glove are an Extended Length Glove backed with 100% NOMEX, It has been modelled to exact US military specifications.

These Nomex Flight Glove are an Extended Length Glove backed with 100% NOMEX, It has been modelled to exact US military specifications.

FEATURES:

- NOMEX thread
- Back of glove is heat and fire resistant to 400 F
- Constructed to Military Specification MIL-DTL-81188C
- Double reinforced stitching.
- NOMEX thread
- Back of glove is heat and fire resistant to 400 F
- Constructed to Military Specification MIL-DTL-81188C
- Double reinforced stitching.

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S - XL

www.sarkartactical.com

info@sarkartactical.com



PRODUCT OVERVIEW

Designed by and specifically for military personnel and police firearms teams, this glove allows you to perform with surgical precision. The ergonomic fit and tactile sensation found in these gloves are unmatched.

Constructed of goatskin leather palms and sewn with abrasion, cut and heat-resistant nylon thread.

The Goatskin provides superior abrasion and tear resistance over cowhide or sheepskin, yet offers a comparable thickness for comfort and durability.

FEATURES

- KEVLAR construction provides cut resistance, heat, and flash protection
- Flame 9 version contains 85% NomexR and 15% KevlarR blend
- Will not support flame or combust up to 800° F, (427° C)
- Elasticised wrist keeps the gloves taut, while the Elasticised gauntlet keeps out foreign objects and prevents snagging
- Cut-ring stitching allows optional removal of the index finger for trigger control without unraveling the remaining edge

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S - XL



PRODUCT OVERVIEW

The Sarkar Wildcat® Heavy Duty Fastrope Gloves is the ultimate hard use glove. Designed for repeat fastrope training and operations.

They are also used for corrections special operations areas, such as dynamic cell extractions, close quarter riot control operations, and high-risk inmate movements.

The next generation in a high-threat-level glove Ideal for riot control, domestic disturbances and cell extraction. Carbon-fibre knuckles.

FEATURES

- Top grain extra HD reinforced leather
- Heat barrier palm pad
- Heavy-duty quick release wrist cinch and pull-on loop
- Use as over-glove with any Sarkar Wildcat® tactical gloves
- Quad Stitching allows customised removal of the index finger for trigger or keypad operation

AVAILABLE COLOURS



AVAILABLE SIZES

Available in S - XL



E.O.D & DEMINING EQUIPMENT



MANTIS-MK5A EOD BOMB DISPOSAL SUIT

ST-MK5AEOD



AVAILABLE SIZES

S – L

AVAILABLE COLOURS



PRODUCT OVERVIEW

A contemporary Bomb Disposal Suit which is used worldwide, both in armed forces service and with diverse government internal security agencies as well as prominent high profile Non-Governmental Organisations (NGOs) e.g. The United Nations.

Designed from the outset to be 3E (Economic, Efficient & Effective) compliant, the MANTIS arguably provides the best value and the highest level of protection of any comparable bomb suit currently manufactured. The ballistic levels and materials used in the various components of the MANTIS EOD Bomb Disposal Suit have been tested and evaluated to the internationally recognised Standard NATO (North Atlantic Treaty Organisation) Agreement (STANAG) 2920 by which all ballistic apparel is judged today.

FEATURES

- All the ballistic inserts used in the MANTIS EOD Bomb Disposal Suit are made of waterproof treated Kevlar HT
- Inserts are enclosed in a special water-resistant and anti-ultraviolet light membrane
- Outer cover is made of flame-retardant NOMEX III
- In hot and humid countries, the MANTIS EOD Bomb Disposal Suit can be supplied in conjunction with the Cooling Suit

CONTINUED ON NEXT PAGE

MANTIS-MK5A EOD BOMB DISPOSAL SUIT

ST-MK5AEOD



HELMET

Made of a GRP skin with an elastomeric aramid core and is fully adjustable to fit various sizes for a perfect fit by means of the three-point suspension harness and the removable spacer pads that Velcro to the inside. The addition of an anti-blast throat guard to the bottom front of the helmet, known as a beard, closes any possible frontal gap between the helmet and the collar. The helmet incorporates a very powerful variable speed fan that can deliver a forced airflow of up to 200 litres per minute, ensuring maximum cooling comfort for the operator. Speakers for monitoring communication and ambient "surround" sound, plus a microphone are contained within the helmet and an automatic ambient sound facility cuts out any noise above 70 decibels. All the helmet functions are regulated and adjusted by the Remote Controller.



JACKET

The MANTIS EOD Bomb Disposal Suit's jacket is long-sleeved, with molle strips at the bottom of each sleeve to accommodate additional tools. The jacket is side-opening and contains flexible Kevlar Armour. Provision is made on the front for the attachment of rigid neck, chest and groin protector blast plates by means of webbing security straps and Velcro. The high collar provides overlap protection to the helmet and visor. Immediate removal of the jacket and blast plates is achieved by use of the quick release straps attached to the side and shoulder.

TROUSERS

The MANTIS EOD Bomb Disposal Suit's trousers contain flexible Kevlar armour and have fully adjustable supporting braces and wide Velcro waistband catering for small, medium and large sizes. The knees are reinforced with heavy duty kneeling pads. The articulated groin protector blast plate is attached by a flexible webbing strap.

CONTINUED ON NEXT PAGE

MANTIS-MK5A EOD BOMB DISPOSAL SUIT

ST-MK5AEOD



ARMoured BLAST PLATES

Three separate Armoured Blast Plates covering neck, chest and groin, are incorporated in one carrier that attaches to the front of the MANTIS Bomb Suit by means of a webbing harness over the shoulders and by a strap on the bottom that passes through the legs and attaches to the back of the trouser waistband. This is elasticated to allow for the groin blast plate to angle forwards when the operator is in a kneeling position.

COMMUNICATIONS

The remote controller has an external plug into which an optional hardwire communications system can be plugged. This hard-wired communication system option consists of 100m of wire supplied on a heavy-duty reel connecting to a base station from which full duplex communications can be maintained with the operator. Alternatively, a VHF or UHF radio transceiver, for which a pocket is provided on the right-hand sleeve, can be plugged into the remote controller via an optional patch cord. If the radio system has a "vox" facility, the remote controller can be modified to ensure the helmet electronics are compatible.

REMOTE CONTROLLER

This is mounted on the front of the smock. It is designed to be simple and easy to use. The MANTIS remote controller requires no visual referral, the operator simply memorising the position of the three controls and locating and manipulating them by touch.

CONTINUED ON NEXT PAGE

MANTIS-MK5A EOD BOMB DISPOSAL SUIT

ST-MK5AEOD



SPECIFICATIONS

Helmet weight:	4.7 Kg
Suit weight:	15 Kg without blast plates
Suit weight:	29 Kg with blast plates
Helmet HS Code:	6506 10 80
Suit HS Code:	6211 33 10
Delivery (2 x Boxes):	Box 1 104 x 55 x 31cm @ 31 Kg
	Box 2 61 x 41 x 37cm @ 17 Kg

PROTECTION

STANAG 2920 Test Results SDMS MANTIS EOD Bomb Disposal Suit	
Soft armour components	V50 m/s
Helmet	600
Visor	720
Throat Protector - Beard	450
Collar Front	600
Collar Centre	600
Collar Back	550
Smock Front	600
Smock Back	550
Arms Front	550
Arms Back	550
Hand Covers	450
Boot Covers	450
Groin Protector	450
Trousers & Thigh Guard Front	550
Trousers & Shin Guard Front	550
Trousers Back	550
Hard armour components	V0 m/s
Blast plates	1600



PRODUCT OVERVIEW

The MK5A Cooling Suit uses iced water to remove body heat during strenuous work in hot and humid environments. The garment is particularly suitable for use in IED/EOD operations when used in conjunction with either the MK5 or the MK5A Bomb Disposal Suit.

Made from flame-resistant, knitted Kermel material, the Cooling Suit's outstanding cooling capacity has been extensively tested to ensure technicians are able to work with greater efficiency and concentration. The one-piece Cooling Suit covers the trunk of the body, as well as upper arms and upper leg areas. Gives wearer extended work time with ability to control excess energy loss due to heat exhaustion.

FEATURES

- Heat removal rate: 270 watts (full suit)
- 1.5kg iced water bottles,
- rechargeable batteries and charger
- Endurance: 45 minutes at 35 degrees
- Control: on / off
- Pump: 12V
- Cold source: ice cubes and water
- Power: external pack
- No hazardous pressurised canister or toxic cooling agents required
- Made from machine washable, fire retardant Nomex or Kermel

AVAILABLE COLOURS



AVAILABLE SIZES

S – L



PRODUCT OVERVIEW

The Gallant is our highest performance bomb disposal suit delivering unrivalled protection and mobility. Utilising advanced materials and world class garment engineering, the Gallant provides 360 blast protection and survivability against pressure, fragments, blast wind and heat and flame, protecting the operator even if the device is located in a challenging or restrictive location.

All suits undergo rigorous testing including blast trials, ballistic testing, impact attenuation and electronic and environmental testing.

The flexible design of the Gallant allows for the performing of manoeuvres including climbing, crawling and crouching. Interchangeable armour pouches enable threat protection levels to be raised and integrated cooling systems extended wear and reduces operator fatigue. Optional capability including cameras and communication systems can be used with the Gallant

AVAILABLE COLOURS



AVAILABLE SIZES

S – XL

CONTINUED ON NEXT PAGE



RECOMMENDED UPGRADES

HELMET

- An integrated powerful heated visor to prevent misting in hazardous environments
- Helmet with acrylic visor (600 m/s)
- Helmet with glass visor (730 m/s)
- Helmet with glass CBRN visor (730 m/s)

FEATURES

- Flexible design for key bomb disposal manoeuvres
- Ease of donning and doffing
- Integrated cooling to reduce operator fatigue
- Quick release system for emergency removal
- Outstanding vision, situational awareness, reach and manoeuvrability

JACKET AND TROUSERS

- Protects against rupture, blast, fire and water ingress
- Tubular construction for maximum freedom of movement
- Integrated quick release system in both the jacket and trousers

BREASTPLATE

- Innovative three-piece telescopic construction for flexible movement
- Minimises the transmission of shock wave energy to the user's torso.

INTEGRATED SPINE PROTECTION AND FORCED AIR VENTILATION SYSTEM

- Protects against blunt trauma
- Delivers cool air to the operator's torso and neck to reduce the effects of fatigue

INTEGRATED COOLING SYSTEM

Provides cool air to head and body areas sufficient for a one-hour operation running at full power

CONTINUED ON NEXT PAGE

GALLANT SUIT

GALLANT



ADVANCED PROTECTION

The Gallant incorporates leading textile design to protect against blast and fragmentation. All seams are specially constructed to resist both ruptures and blasts, the Nomex® outer skin provides water resistance and fire protection, whilst dissipating static charges.



PROVEN BEYOND DOUBT

The Gallant has been extensively blast tested against the NIJ 0117.01 Public Safety Bomb Suit Standard and other key military blast requirements, ensuring the highest levels of survivability and pressure reduction to protect the operator.



SUPERIOR MOBILITY

The lightweight, ergonomic construction of Silverback Gallant's jacket and trousers, alongside a flexible breastplate provides the user with the vital operational flexibility for bomb disposal assignments, including crouching and climbing.



QUICK RELEASE SYSTEM

The Gallant suit has a patented quick release system leaving no ballistic openings. The suit's jacket and trousers can be removed, unaided by the user in less than 30 seconds.

PROTECTION LEVELS

Base Suit - Ballistic Protection (V50 m/s)

Arms	Legs	Chest	Helmet	Visor
Upper: 500				Acrylic Faced: 600
	460	1900	575	
Lower: 450				Glass Faced: 730 CBRN: 730

Blast Protection

	NIJ 0117.01 0.567 KG C4 AT 0.6 M (KNEELING)	1 KG C4 AT 1.0 M (STANDING)	2 KG C4 AT 2.0 M (STANDING)	10 KG C4 AT 3.0 M (STANDING)
SURVIVABILITY PROBABILITY (AS MEASURED ON BOWEN CURVE)	>99%	>99%	>99%	>99%
REDUCTION IN PRESSURE AT LUNG	BETWEEN 96.9-99.7%	BETWEEN 98.1 & 98.5%	BETWEEN 87.6 & 92.3%	BETWEEN 99.0 & 99.7%

Weight (Medium Suit)

WITHOUT HELMET	30.5 KG	67.2 LBS
WITH HELMET	35 KG	77.2 LBS
WITH CBRN HELMET	35.5 KG	77.8 LBS

FULLY CBRN GARMENT COMPATIBLE

When used with the optional CBRN Visor, the Gallant works with leading theatre proven CBRN protection systems to deliver a complete EOD CBRN protective solution. The CBRN Visor features a slightly wider surface area to accommodate a CBRN facemask, whilst an air purification system attaches to the MOLLE strips on the rear of the suit jacket.

SARKAR DEMINING SUIT

ST-DSUIT



PRODUCT OVERVIEW

The SARKAR Demining Search Suit is a recent development to meet a demand for a "Total Coverage" suit that is lighter, offers more freedom of movement than a standard EOD suit and more protection than a Fragmentation Vest.

COMPONENTS

JACKET: Provides front, back, and side, shoulder and neck protection with the additional feature of armour plate pockets. The high collar is designed to work in conjunction with the SARKAR Mine Helmet.

ARMS: Separate sleeves provide optimum mobility.

GROIN PROTECTOR: Can be worn in either the raised or lowered position. When raised it provides extra protection to the abdomen area.

TROUSERS: Supported by stout braces, this unique design provides freedom of movement and optimum protection to the legs.

HELMET & VISOR: The SARKAR Mine Helmet and Visor provide unequalled protection to head and neck areas.

MATERIAL: Laminated panels of woven aramid provide the "soft" protection. These packs are tailored to provide maximum extent of protection.

The design of the laminate allows a high degree of flexibility to accommodate anthropometric variations and avoid restrictions to movement. The armour system also meets the blast protection requirements of International Mine Standard (IMAS) 10.30.

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S to XXL

CONTINUED ON NEXT PAGE

SARKAR DEMINING SUIT

ST-DSUIT



FEATURES

- Engineered from high-strength DuPont Kevlar®
- High-strength 1000 denier Cordura® or Nomex® outer shell
- STANAG 2920 with a V50 rating of 450 m/s .17 gr FSP in conforming to IMAS 10.30 2009. We can meet any fragmentation level up to 650 m/s
- Incorporates front and rear pockets for the insertion of Hard Armour Plates

COMPONENTS

We offer the whole range of protection levels. However in practice terms, the most appropriate level is our fragmentation system to V50>460m/s to Stanag 2920.

The armour system also meets the blast protection requirements of International Mine Standard (IMAS) 10.30

- Full protection Mittens available
- Weight: 15kg
- Dimensions: 52x 52 x 52 cm

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

PRODUCT OVERVIEW

The Sarkar Tactical Demining Vest has been designed to provide maximum comfort and protection to the upper body, neck, shoulders, groin and thighs of deminers against blast type anti-personnel mines. It is a side opening overt vest that can either come with 360 degree protection or with a mesh back, giving good ventilation for hot weather operations.

The design enables quick donning and fast removal. The demining vest has an integral collar which overlaps a standard fragmentation visor preventing blast ingress under the visor, in compliance with IMAS 10.30 2009. The extended groin flap acts as an integral apron to protect the groin and thigh region.



AVAILABLE COLOURS



AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

CONTINUED ON NEXT PAGE



FEATURES

- Engineered from high-strength DuPont Kevlar®
- High-strength 1000 denier Cordura® or Nomex® outer shell
- STANAG 2920 with a V50 rating of 450 m/s .17 gr FSP conforming to IMAS 10.30 2009. We can meet any fragmentation level up to 650 m/s
- Incorporates front and rear pockets for the insertion of Hard Armour Plates
- A large demining vest weighs around 2.8gk

PROTECTION LEVELS

Successfully tested for the following:

- Fragmentation Resistance V4: V50 of 450 m/s (1476 ft/s) V6: V50 of 650 m/s (2132 ft/s)
- As tested with 1.1g, 22 Caliber, 17 grain Fragment Simulating Projectile according to: US MIL STD 662-F and NATO STANAG 2920

AVAILABLE COLOURS



Custom colours are available on request

AVAILABLE SIZES

Available in S to XXL



PROTECTION LEVELS

Successfully tested for the following:

Fragmentation Resistance

V4: V50 of 450 m/s (1476 ft/s)

V6: V50 of 600 m/s (1968 ft/s)

*As tested with 1.1g, 22 Caliber, 17 grain Fragment
Simulating Projectile according to US

MIL STD 662-F and NATO STANAG 2920

AVAILABLE COLOURS



PRODUCT OVERVIEW

The Demining Apron is designed to provide maximum frontal coverage in case of accidental discharge of Land Mines when clearing.

The modular garment design allows for maximum versatility during projects. The Demining Apron can also be upgraded with hard armour plates to meet the prevailing threat conditions.

FEATURES

- NIJ Certified Level IIIA
- Weight: Only 3kg
- 0.9sqm of protection (without sleeves)
- Engineered from high-strength DuPont Kevlar®
- High-strength 1000 denier Cordura® or Nomex® outer shell
- STANAG 2920 with a V50 rating of 450 m/s 17 gr FSP in conforming to IMAS 10.30 2009. We can meet any fragmentation level up to 650 m/s
- Incorporates front and rear pockets for the insertion of Hard Armour Plates
- Coolmax® Fresh lining

AVAILABLE SIZES

Available in S to XL - Vests can be tailor-made to your measurements

CONTINUED ON NEXT PAGE



SPECIAL FEATURES

Provides complete upper torso protection from Neck to Knee. Velcro and Webbing adjustment on sides, shoulders, and legs ensures exact fit. Flexibility and low weight enables the suit to be worn comfortably for long periods of operation without restricting wearer manoeuvrability.

ARMS

Separate sleeves provide optimum mobility.

OUTER GARMENT

The outer garment is washable and made of high quality 500D Nylon Cordura fabric that is specially treated to be flame retardant, water repellent, and abrasion resistant.

The apron is lined with the latest Coolmax® Fresh fabric and fitted with our Integrated Trauma Reduction and Ventilation (ITRV) System – this facilitates airflow around the wearer's body, ensuring maximum comfort and reducing bacterial build up.

SOFT ARMOUR PLATES

The Panels are manufactured with multiple layers of High Tenacity Aramid Fabric to provide Blast Fragment protection that satisfies MIL-662F for 17 grain fragments > 450 m/s.

The area density is 2.4 kg/m².

Each Soft Armour Panel is vacuum-sealed inside a PU coated Nylon fabric cover that is ultrasonically welded to protect the Aramid Fabric from moisture and UV light degradation.

AREA OF COVER

The Armour inside the Suit provides a total Protection Area of 0.9m for the torso and .07m for the arms and legs (optional).

WEIGHT

The complete Demining Apron fitted with Armour Plates weighs approximately 4.0 kgs (6.5 with arms and legs).

PACKAGING

Each Apron is packed inside a tough water repellent Carry Bag that has an outer pocket to accommodate optional Ballistic Helmet, Fragmentation Visor, and Knee Pads.

WARRANTY

The Outer Garment and Armour Plates are guaranteed against inferior quality materials and workmanship for a period of one.



AVAILABLE COLOURS



PRODUCT OVERVIEW

SARKAR VISOR BAND consists of full-face clear 5mm polycarbonate visor extended by 5" at the top, connected to a head band which is fully adjustable for both girth and depth.

The visor is hinged and can be lifted and closed at will. The headbands are supplied separate from the visors, with easy to follow pictorial self-assembly instructions. This minimises manufacturing and freight costs. The headband is of moulded Nylon 66.

FEATURES

- V50 > 240m/s .17gr FSP
- Complies with IMAS 10.30 2009 standard.
- Can be supplied in 6mm thickness

WEIGHT: 780g

PERFORMANCE:

V50 > 240 m/s

QUALITY ASSURANCE

Sarkar Tactical has had its quality system approved BS EN ISO 9001 2008 and welcomes customer inspection of our facilities.

The Sarkar Demining Visor complies with IMAS 10.30 2009 standard.

SARKAR DEMING COMBAT BOOTS



ST-DMBOOTS



HUMANITARIAN BLAST PROTECTIVE BOOTS SARKAR AM WITH SYMPATEX (S) OR CAMBRELLA (C) LINING.

PRODUCT OVERVIEW

Developed in co-operation with a leading expert in EOD, the special all leather boots have protection against anti-personnel contact mines with charge around 50 g High Explosives (Semtex).

The boots can be provided with Sympatex lining which ensures hundred percent waterproofs while keeping wearing comfort permeability for water vapours out from the boot. The boots are protected by patent.

FEATURES

- Upper material grain leather, hydrophobic, smooth, thickness of 2.0-2.2mm
- Leather counter and collar bandage
- Double thermal toe puff
- Lasting insole from ballistic material of the thickness of 7 mm
- Bottom design with use of sewn through technology
- 20 mm Rubber sole combined with ballistic material while preserving flexibility

- Closed tongue
- Robust and resistant design with long-term service life
- Boots do not contain any metallic parts
- Sock lining absorbing treading energy in toe
- Lacing - 4 eyelets, 5 passes through
- Thread stitching 1000
- Boot height: 30 cm
- Weight: 2.980 g

AVAILABLE COLOURS



AVAILABLE SIZES

Sizes assortment: EU 39 /UK6 /US 6.5/ EU 48/
UK 13/ US 15

DEMINING HELMET

ST-DMHT



PRODUCT OVERVIEW

The performance of aramid, bound in a thermoplastic resin matrix using SARKAR's unique process technology is the key to achieving an excellent performance to weight ration.

The SARKAR COMBAT LD Helmet can be worn for extensive periods of time, even in adverse conditions, with superior comfort.

The improved harness system not only improves comfort, balance and stress fatigue but also only uses 5 bolts as opposed to the normal 8 in the standard US version. The LD style gives extended coverage to the back and sides of the head.

FEATURES

- Manufactured strictly as per US Military PASGT shape and style.
- Ballistic shell made of Kevlar composite.
- Liner: Sarkar 7 Pad System, Sarkar Crown Mesh
- Three / Four point harness
- NATO Codified

- Tough, durable and reliable
- Low bulk and mass
- Coated with IRR paint system giving durable finish
- Integrated 3 position demining visor
- V50>450m/s to Stanag 2920
- Visor with integral rubber seal

AVAILABLE COLOURS



AVAILABLE SIZES

S – XL



FEATURES:

- Optional powerful disk magnets for fast attachment to vehicles and boats.
- NIJ Certified Level IIIA
- NIJ Certified V50 upto 650m/s 17 gr Fragment
- High-strength abrasion resistant outer shell protects the ballistic materials

AVAILABLE COLOURS



Custom colours are available on request

PRODUCT OVERVIEW

Sarkar Ballistic Bomb Blankets are manufactured from high strength Aramid Fabric to provide a wide range of applications where personal or property protection is required.

Ballistic Blankets can be rapidly deployed for immediate bullet or fragmentation protection in high-risk situations including executive security, perimeter defence, mine clearance usage and shielding applications.

Our Ballistic Blankets can be quickly and easily thrown over windows, doors and walls, or used as a personal shield in hazardous situations.

- Weight: Only 36 lbs.
- 6 heavy – Duty handles
- 48"x72" Inches / 4x6 Feet
- Engineered from high-strength Aramid Fabric, Water resistant and fire retardant High-strength 1000 denier Cordura® outer shell

AVAILABLE SIZES

Blankets can be tailor-made to your request

PRODDING NEEDLE FWP1

ST-FWP1



PRODUCT OVERVIEW

The Prodding Needle FWP1 is extremely lightweight due to new design.

The needle is made from titanium and the body is made from special aluminium alloy. The Prodding needle is rugged and durable whilst offering a comfortable handling due to the ergonomic design.

FEATURES

- Weight approx: 171 g (\pm 5%)
- Length storage: 33 cm
- Length operation: 60.5 cm
- Length needle 27: 5 cm
- Diameter Handle: 22 mm
- Diameter needle: 6 mm
- Options : T-grip
: Extension 33.5 cm



AVAILABLE COLOURS





FEATURES

- Can Bus architecture [10 nodes]
- Quick 3 second system start
- 4 nitrogen purged cameras & 2 auxiliary camera ports
- Synchronised cameras for flicker-less switching
- Fail-safe weapons module with full diagnostic feedback
- 4 independent fail-safe firing channels at 24 V
- Ruggedised smart charger unit
- Configurable with a choice of multi-vendor disruptors
- Variable speed Pan/Tilt unit
- Nitrogen purged radio enclosures
- Transparent data bus for third party sensors
- Integration with real-time X-ray
- Up to 4 hours of operation mission dependent
- Custom configurations available
- 12 months warranty

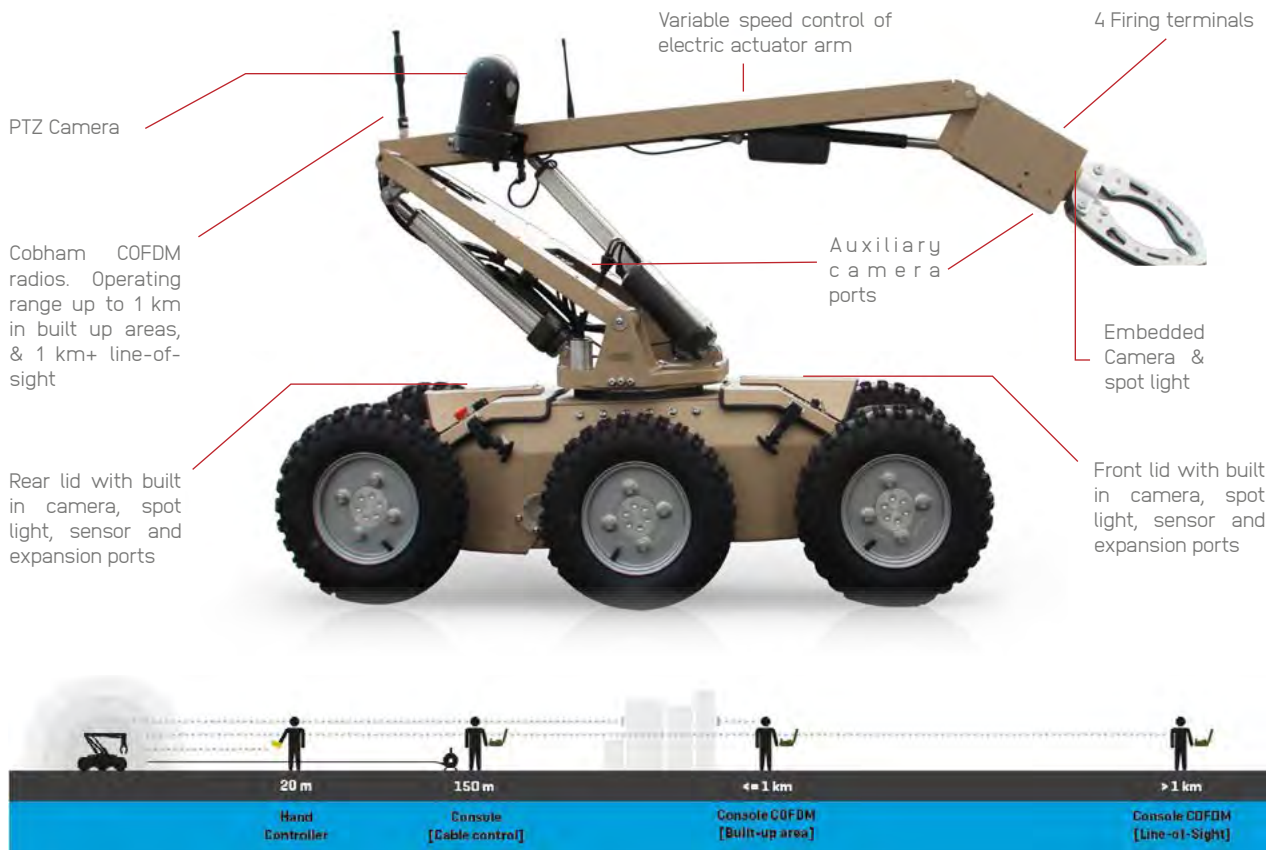
PRODUCT OVERVIEW

Sabre is an advanced, reliable and robust bomb disposal robot with applications extending to CBRN. It has six independently driven wheels with an actuated controlled back axle to allow for travel over the most difficult of terrains. It has a manipulator arm with six degrees of freedom and a lifting capacity of 75 kg retracted and 30 kg extended.

Communication

Sabre is controlled by an advanced intuitive Command Console which relays radio signals up to 1 km non-line-of-sight through Cobham's proven COFDM link. Sabre can also be controlled by a wireless Hand-Controller which is ideal for loading /unloading Sabre and for close-by control [up to 20m range]. Different frequency options are available on request. A cable control option is also available for operation in Electronic CounterMeasure [ECM] conditions.

CONTINUED ON NEXT PAGE



MECHANICAL FEATURES

- Electrically powered manipulator arm with 6 degrees of freedom
- Lift: 75 kg retracted, 30 kg extended
- Turret rotation $\pm 220^\circ$: 440° total
- Gripper rotation continuous bi-directionally
- Typical weight 270 kg
- Speed: 8 km/h
- Stow dimensions [LxWxH]: 1550 mm x 720mm x 1000 mm
- Actuator powered adjustable rear axle for improved climbing

OPTIONAL FEATURES & ACCESSORIES

- Cable & drum 150m for ECM conditions
- Integrated CBRN sensors
- Remote Disruptor Platform (RDP) for under-car observation & disruption
- Real-time X-ray System [robot deployable]
- Reverse audio between Command Console and Sabre
- Sabre training simulator [Plug in unit for Command Console that simulates Robot in various scenarios]

CONTINUED ON NEXT PAGE

COMMUNICATION



Command Console

- Rugged hard-wearing weatherproof case
- 19" high res daylight viewable video display
- Quick 5 second start
- Easy to use intuitive user interface
- Sensitive joysticks include twist to zoom
- Advanced 10" TFT touch screen works in direct sunlight and while wearing gloves
- Real-time graphical feedback gauges including robot inclination
- Picture-in-Picture feature to show two switch-able camera feeds simultaneously
- Camera environment settings for improved light levels
- Key activated weapons screen with self-tests and diagnostic feedback
- Weight 17 kg

Wireless Hand Controller

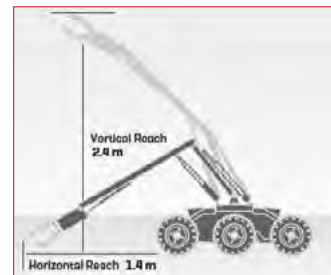


- Rugged, portable, hand-held controller
- Full electric actuator control
- Dead man switch for drive control safety
- LED indicator for battery and comms range
- 4 hr battery life

REACH



CLIMBING ABILITY





FEATURES

- Long range operation via the Command Console [up to 1 km non-line-of-sight]
- Close by operation via the Wireless Hand Controller [up to 20 m]
- Fail-safe firing circuit
- Operating time: up to 3 hrs [mission dependent]
- CAN, Ethernet and RS232 vehicle communication ports
- 4 colour cameras and LED lights on the drive cameras

PRODUCT OVERVIEW

Interceptor is an advanced, reliable and robust explosive ordnance disposal robot with applications extending to security, CBRN, and X-ray. Interceptor's manipulator arm has five degrees of freedom [DOF] which are driven by electric actuators. It has a remotely operated fail-safe firing system.

Communication

Interceptor is controlled by an advanced intuitive command console which relays radio signals up to 1 km non-line-of-sight via MIMO MESH radio link. The command console comprises of the 10.1" Getac Rugged Tablet with custom hand controller. Headphones facilitate two way audio communication with the robot.

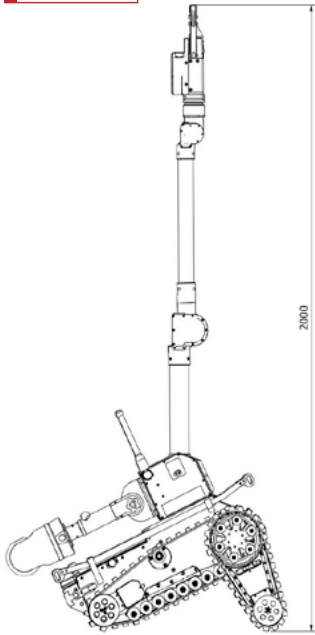
The optional Peli case based command docking station has a 19" high res day-light readable multi-touch screen video display with high gain antennas for even greater range and integrated battery that can take two hot swappable BB-2590 batteries for up to 12 hours continuous operation.

DIMENSIONS

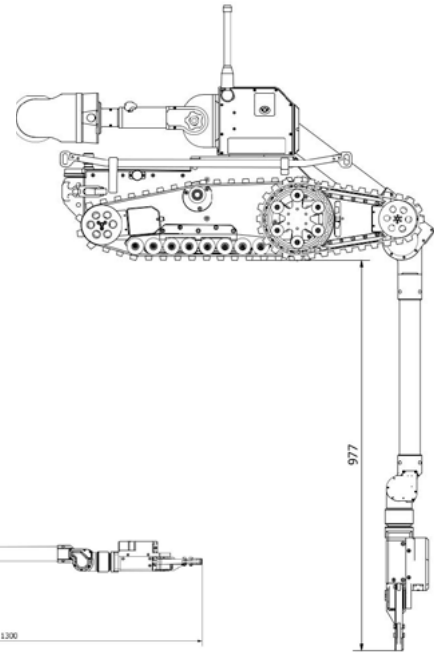
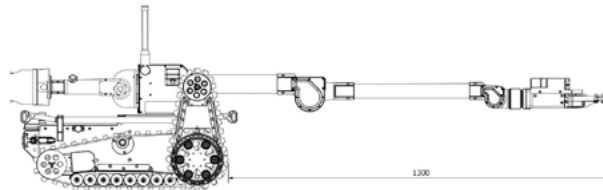
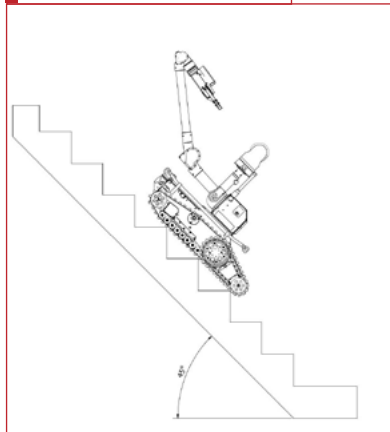
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|-----------------|-----------------|
| • Height 44 cm | • Weight 85 kg |
| • Length 73 cm | • Speed 6 km/hr |
| • Width 44.4 cm | |

CONTINUED ON NEXT PAGE

REACH



CLIMBING ABILITY



MECHANICAL FEATURES

- Electrically powered manipulator arm with 6 degrees of freedom
- Manipulator arm with 5 degrees of freedom
- Turret rotation: 360 degree continuous
- Gripper rotation: 360 degree continuous
- Arm lift capacity: 13 kg extended, and 19 kg retracted
- Two heavy duty tracks which allow travel over the most difficult of terrains

OPTIONAL FEATURES & ACCESSORIES

- Cable & drum 150m for ECM conditions
- 3rd party CBRN sensors
- Real-time X-Ray System (robot deployable)
- Reverse audio between Command Console and Interceptor
- Interceptor training simulator (Plug in unit for Command Console that simulates robot in various scenarios)
- Fail-safe firing system

CONTINUED ON NEXT PAGE



COMMUNICATION



Command Console

- Rugged hard-wearing weatherproof case
- 19" high res daylight viewable video display
- Quick 5 second start
- Easy to use intuitive user interface
- Sensitive joysticks include twist to zoom
- Advanced 10" TFT touch screen works in direct sunlight and while wearing gloves
- Real-time graphical feedback gauges including robot inclination
- Picture-in-Picture feature to show two switch-able camera feeds simultaneously
- Camera environment settings for improved light levels
- Key activated weapons screen with self-tests and diagnostic feedback
- Weight 17 kg

Multiple Radio Options

Agoneem

SC2458 1W 2x2 Dual Band
MIMO MESH/MANET

Domo DTC

SOLO8 2W 2x2 MIMO
MESH/MANET

Silvus

SC4200E 4W 2x2 MIMO
MESH/MANET

Persistent

MPU5 4W 3x3 MIMO
MESH/MANET



FEATURES

- 'Easy to carry' unit
- Shock, vibration, water and dust resistant
- Stabilization legs are extruded to ensure stability.
- Wheel mounted for ease of transport
- Easily extendible mast (even when wearing gloves)
- <30 seconds deploy capability
- Pan / Tilt camera unit with 360° rotation and 180° tilt
- Nitrogen purged Colour zoom camera
- Secure dual MIMO Mesh transmission
- Portable unit or vehicle mast mounted kit, complete with vehicle design and systems integration

PRODUCT OVERVIEW

An easily deployable remote camera and data system, in which the operator can safely control and monitor the device from the manned vehicle.

The Stand Alone Camera system communicates with and is controlled by either a portable command console or vehicle mounted command console system. Basic deployment is enabled with a hand controlled unit. Video and control signals are transmitted using the S0L08 Software Defined Radio is an MIMO IP Mesh.

- Operational Frequency – LBand (typically 1.1 – 1.5GHz)
- Full range of Commercial and Military frequencies available.
- 1km range non-line of sight operation
- Extendible Camera Height up to 1.85m
- Extendable Sensor capabilities through CAN, Ethernet and Serial Ports
- Height Extended: 1880mm
Retracted: 850mm
- Length: 238mm
- Width: 595mm
- Weight: 19.5kg

MINI MAMBA DISRUPTER SYSTEM

ST-MBADS



PRODUCT OVERVIEW

The Mini Mamba is a small recoilless Disrupter. The Cannon is powered by an Electrically Initiated 12g Cartridge and features a 20mm Smooth Bore Barrel.

The Disrupter can be used with either a Water Charge (50ml), Frangible or Solid Projectiles with a mass of 50g. The System includes a simple lightweight multi-position aluminium Stand. Mini Mamba also features a single Laser Sight which can also be inserted in the Barrel for the first step of zeroing.

FEATURES

- Breech Module
- Compensator Jacket
- Breech Plug Assembly
- Barrel 20mm
- Lightweight Multi Position Stand with Friction Joints
- Simple Turret
- 20mm Wire Brush
- Laser Sight
- Cleaning Rod
- Breech Cleaning Brush
- Spanner
- Ruggedised Peli Transit Case
- Optional Webbing Backpack

CONTINUED ON NEXT PAGE

MINI MAMBA DISRUPTER SYSTEM

ST-MBADS



WEIGHTS & DIMENSIONS*

STAINLESS STEEL VERSION

Cannon on its own, complete but unloaded	2.3kgs
Cannon loaded and ready for emplacement	2.7kgs
Cannon mounted on Multi Position Stand with Laser Sight	4.4kgs
Complete equipment in transit case including stand and inert consumables	10kgs
Dimensions of Transit Case	610 x 325 x 213mm
Overall Length including Breech Plug	355mm
Overall Diameter across Compensator	80mm

*All weights and dimensions are approximate. Details are subject to change without notification

CONTINUED ON NEXT PAGE

MINI MAMBA DISRUPTER SYSTEM

ST-MBADS



PENETRATOR

The Penetrator is a cone shaped module made from Polycarbonate with a stainless steel tip and is fitted with an 'O' Ring. The Penetrator fits into the end of the Barrel acting as a water seal. The Penetrator is used to achieve an entry hole in the side wall of metal enclosures including fire extinguishers.



CAP CLOSURE

This is a lightweight PE Closure Cap, which is used to seal in the water column inside the Water Barrel at the Choked Muzzle when attacking soft to medium enclosures.

PISTON 20MM

This is a lightweight PE Piston designed to obturate the gas propelling the water column. It can be positioned to contain 50ml of water in order to achieve a lighter disruption with high follow on gas or a heavy disruption.

PISTON ANNULAR (COMMON TO MAMBA, VIPER & VULKAN)

The Piston Annular is designed to obturate the gas behind the annular water column in the compensator. It is manufactured from HDPE.

It has flared peripheries to ensure a good water and gas sealing inside the compensator.

SWL: 1.50kN (150kg)



CAP CLOSURE ANNULAR (COMMON TO MAMBA, VIPER & VULKAN)

The Cap Closure Annular fits into the back of the Capture Gate to seal the water in the compensator.



CONTINUED ON NEXT PAGE

MINI MAMBA DISRUPTER SYSTEM

ST-MBADS



50G FRANGIBLE PROJECTILE

20mm 50g Frangible Projectile which can be used against harder targets with a medium stand-off out to 5m.



PROJECTILE – PLAIN SLUG

This is a 50g steel slug bonded to an HDPE carrier. The projectile can be used in specific applications such as de capping a hand grenade or against other small sub munitions.



CSL 20MM LP ELECTRIC POWER CARTRIDGE

The CSL 20/50 Mini Mamba is powered by a 20mm Leadless Electric Power Cartridge

Classification - UN 0323,
Class 1.4S, Cartridge - Power
Device

Approved for shipment as
freight on passenger aircraft



EOD & DEMINING

MAMBA DISRUPTOR SYSTEM

CSL 28/100 MAM

ST-MDS_CSL28/100



PRODUCT OVERVIEW

The Mamba is a simple lightweight Midi Disruptor with a 100ml capacity. It is designed for a close-up disruptor shot using either water or elastomer.

It is manufactured in a high tensile tempered stainless steel. Mamba uses 50 Cal Electric Cartridge (CSL 50 CAL MP), the same cartridge as used in the CSL Viper Recoilless Disruptor System.

FEATURES

- Breech Assembly with protect module
- Breech Plug for:
 - Leaded Electric Cartridges
 - leadless Electric Cartridges
 - shock Tube Initiation of
 - Percussion Cartridges
- Bronze Wire Brush
- Lightweight Multi Position Stand
- Cleaning Rod
- Chocked Barrel
- Lambswool Brush
- Piston Loading Tool
- Optional Mini Drag Parachute to reduce recoil

WEIGHTS AND DIMENSIONS

- Stainless steel , fully loaded: 2.8kgs
- Titanium, fully loaded: 2kgs
- Multi Position Stand: 3.76kgs
- Complete system loaded and ready for deployment: 6.56gs
- All up weight of Disruptor Transit Case: 6.8kgs
- Dimensions of Transit Case. Includes space for optional PIM and Power Pack: 485 x355 x 120mm

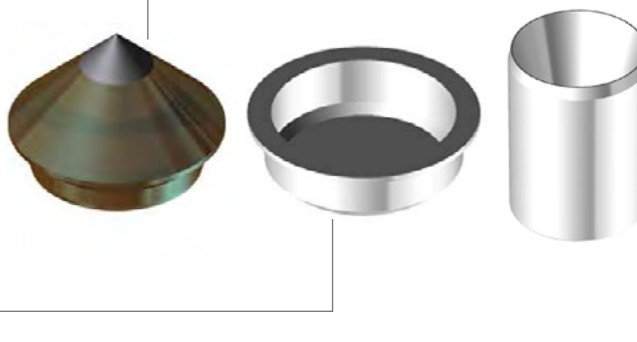
VIPER MIDI RECOILLESS DISRUPTER PROJECTILES, CONSUMABLES & CARTRIDGE



ST-VPRMRDS

PENETRATOR

The Penetrator is a cone shaped module made from Polycarbonate with a stainless steel tip and is fitted with an 'O' Ring. The Penetrator fits into the end of the Barrel acting as a water seal. The Penetrator is used to achieve an entry hole in the side wall of metal enclosures including fire extinguishers.



CAP CLOSURE

This is a lightweight PE Closure Cap, which is used to seal in the water column inside the Water Barrel at the Choked Muzzle when attacking soft to medium enclosures.

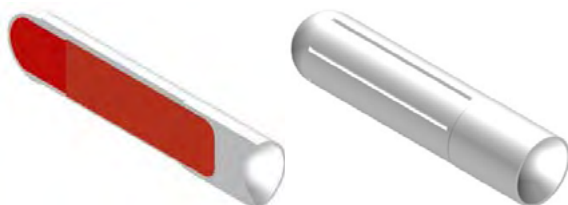
PISTON 30MM

This is a lightweight PE Piston designed to obturate the gas propelling the water column. It can be positioned to contain 60, 100 or 150ml of water in order to achieve a lighter disruption with high follow on gas or a heavy disruption.

DISRUPTER LONG STAND-OFF

PROJECTILE - FRANGIBLE CLAY

This is a 150g Projectile comprising an HDPE one piece piston-carrier filled with refined china clay. This is fired through the 30mm rifled barrel which causes the projectile to spin thereby considerably enhancing accuracy for long stand-off shot out to 30 metres and beyond. The projectile can be used against a wide variety of IED targets. It can also be used for punching through car doors and windows to hit an IED on the inside of the vehicle. It is also extremely effective for taking out the locks on doors to enable rapid entry etc.

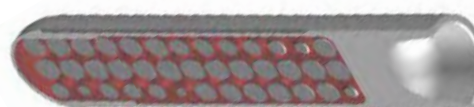


PROJECTILE - FRANGIBLE CERAMIC

This is a 150g projectile comprising an HDPE one piece piston-carrier filled with alumina balls and powder. This is fired through the 30mm rifled barrel which causes the projectile to spin thereby considerably enhancing accuracy for long stand-off shots out to 30 metres and beyond. The projectile is also mass and drag stabilised.

The projectile is designed to be used against IEDs with heavier metal enclosures such as pressure cookers and fire extinguishers etc. It can also be used to punch through vehicle doors and other panels to take out an IED inside a vehicle. It is also extremely effective for taking out the locks on very heavy doors to enable breaching / rapid entry etc.

Stand-off – 0.20 to 30m and beyond



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VIPER MIDI RECOILLESS DISRUPTER PROJECTILES, CONSUMABLES & CARTRIDGE



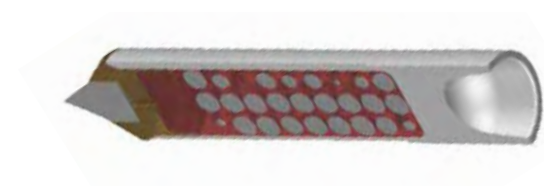
ST-VPRMRDS

PROJECTILE – FRANGIBLE CERAMIC WITH PENETRATOR

This is a 150g projectile comprising an HDPE one piece piston-carrier filled with alumina balls and powder. This is fired through the 30mm rifled barrel which causes the projectile to spin thereby considerably enhancing accuracy for long stand-off shots out to 30 metres and beyond. The projectile is also mass and drag stabilised.

The projectile is designed to be used against IEDs with heavy metal enclosures such as pressure cookers, fire extinguishers and pressurised drink kegs etc. It can also be used to punch through vehicle doors and other panels to take out an IED in, for example, a metal container in the inside of the vehicle. It is also extremely effective for taking out the locks on very heavy doors to enable breaching / rapid entry etc.

Stand-off – 0.20 to 30m and beyond



PROJECTILE – PLAIN SLUG

This is a 150g spin stabilised steel slug bonded to an HDPE carrier. The projectile can be used in specific applications such as de capping a hand grenade or against other small sub munitions.

Stand-off – 0.10 to 30m



BATON PROJECTILE

This is a 60g spin stabilised HDPE baton round. The projectile is designed for various applications such as de-capping pipe bombs and window breaking etc.

Stand-off – 0.10 to 30m



WIRE CUTTER PROJECTILE

This is a 60g spin stabilised stainless steel core cutter bonded to an HDPE carrier. The projectile is designed for cutting a cable/s in an exposed IED.

Stand-off – 0.10 to 15m



CORE CUTTER / CHISEL PROJECTILE

This is a 100g spin stabilised stainless steel core chisel bonded to an HDPE carrier. The projectile is designed for cutting heavy cables, parts of metal targets including sub-munitions and some UXB fuses and for creating an access hole through for example doors and metal panels.

Stand-off – 0.10 to 30m



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VIPER MIDI RECOILLESS DISRUPTER PROJECTILES, CONSUMABLES & CARTRIDGE



ST-VPRMRDS

PISTON ANNULAR (COMMON TO MAMBA, VIPER & VULKAN)

The Piston Annular is designed to obturate the gas behind the annular water column in the compensator. It is manufactured from HDPE.

It has flared peripheries to ensure a good water and gas sealing inside the compensator.



CAP CLOSURE ANNULAR (COMMON TO MAMBA, VIPER & VULKAN)

The Cap Closure Annular fits into the back of the Capture Gate to seal the water in the compensator.



EOD & DEMINING

CARTRIDGE LEADLESS ELECTRIC

CSL 50 CAL MP

The Leadless Electric 50 Cal Cartridge (CSL 50 Cal MP - Medium Pressure) is a blank power cartridge designed for use in the CSL Viper Disrupter system. The one cartridge type is used in all configurations.

Classification - UN 0323 Class 1.4S Cartridges Power Device

Approved for shipment as freight on passenger aircraft.



VIPER MIDI RECOILLESS DISRUPTER

CSL 50/30 VIP



ST-VPRCSL50/30



VIPER FITTED WITH CHOKED WATER BARREL CAPABLE OF FIRING 60, 100 OR 150ML OF WATER OR ELASTOMER.



VIPER FITTED WITH 30MM RIFLED BARREL CONFIGURED FOR VERY LOW ANGLE STAND OFF ATTACK USING 100G SPIN STABILISED FRANGIBLE PROJECTILE.



PRODUCT OVERVIEW

The Viper is a 4th generation 30mm Midi Disrupter featuring, variable projectile mass and recoilless operation. It can be configured as:

- Close Up Disrupter using either 60, 100 or 150ml of water or elastomer in C-IED applications
- Stand Off Disrupter using 100g spin stabilised clay frangible projectiles at ranges up to 30m (100ft) in C-IED applications and in breach entry SWAT operations etc.

FEATURES

- Gas regulator which varies gas volume to the compensator permitting the system to be recoilless for projectile masses of between 60, 100 and 150g
- 30mm rifled barrel for long stand-off applications
- The Viper is available constructed in either tempered Stainless Steel or, in a super lightweight version, in tempered Titanium.
- The Viper disrupter system utilises the same turret, sights and multi position stand as the maxi Vulkan system

CONTINUED ON NEXT PAGE

VIPER MIDI RECOILLESS DISRUPTER

CSL 50/30 VIP



ST-VPRCSL50/30

ADDITIONAL CONFIGURATIONS

The Viper in titanium coupled with a lightweight weapon carrier with two laser sights, giving an overall weight loaded of 2.6kgs. This enables the system to be deployed on the upper arm of iRobot PackBot™.



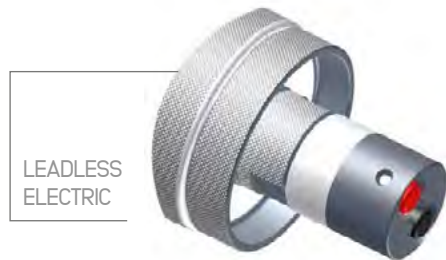
Configured for close up water shots and fitted with (CSL 50 WC Mini VIP Pkbt) lightweight weapon carrier on upper arm of iRobot PackBot™.



Viper on upper arm of iRobot PackBot™ in long outreach.

KEY FEATURES

Gas Regulator, allows the volume of gas to be varied across 3 settings enabling the system to be recoilless with different projectile mass and / or barrel.



LEADLESS
ELECTRIC



LEADED
ELECTRIC

Common Breech Plug with two electrical adaptors allowing the use of leaded electric cartridges with the basic plug and leadless electric cartridges. This means that the Viper can be used with some currently available in service Cartridges and the new CSL Leadless Electric Cartridges.

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VIPER MIDI RECOILLESS DISRUPTER

CSL 50/30 VIP



ST-VPRCSL50/30



BORE SIGHT ZEROING ASSEMBLY

THE LASER SIGHTS INCORPORATE SEVERAL SAFETY FEATURES:

- Automatic time out after 1-5 minutes according to time delay selected by the Operator. This means that once the Operator has aimed the Disrupter the Laser Sights will automatically shut down
- Each laser sight can easily be removed from the turret
- Power for the lasers derives from a tubular power pack using off the shelf batteries and housed in the upper arm of the multi position stand. This prevents the lasers being used for any other purpose

LASER SPECIFICATION

- The standard lasers are 35mw, 532nm Green. Green lasers are 10 x more visible to the human eye than other colours
- The lasers are pulsed but when they coincide if for example being used to range as well as aim the two spots will merge as a solid dot
- The lasers are zeroed by means of contra rotating prisms which make zeroing a quick and easy operation
- Lasers are significantly more stable.

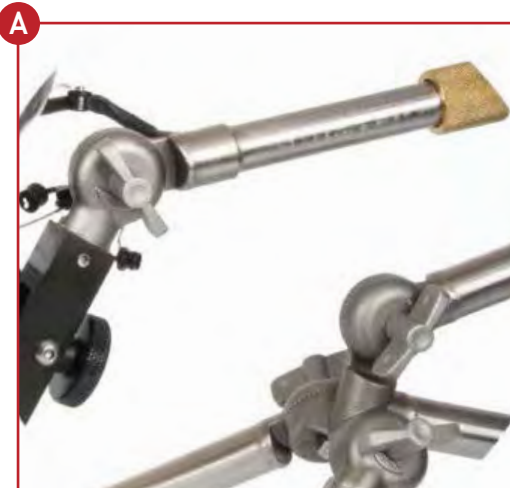
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VIPER MIDI RECOILLESS DISRUPTER

CSL 50/30 VIP



ST-VPRCSL50/30



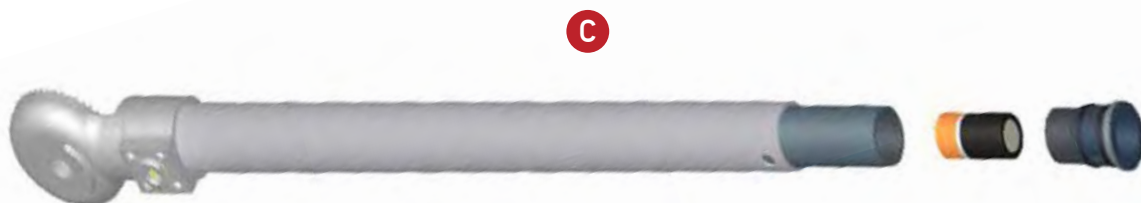
ARM DETAILS:

A Upper arm of multi position stand can be telescoped out in situations where a longer reach is needed. The arm can also be rotated thereby angling the disrupter to one side or the other and the brass clamping collar locks the arm in the desired position.



B The all-aluminium multi position stand features hard anodised splined, sprung loaded joints permitting easy adjustment but providing a completely rigid structure.

C Exploded view of upper arm withdrawn, showing the cylindrical battery pack which contains 4 x 3v lithium batteries in series giving 12v. Batteries are available 'off the shelf'



CONTINUED ON NEXT PAGE

VIPER MIDI RECOILLESS DISRUPTER

CSL 50/30 VIP



ST-VPRCSL50/30



WEIGHTS & DIMENSIONS*

	STAINLESS STEEL	TITANIUM
Cannon on its own with Rifled Barrel complete but unloaded:	2.46kgs	1.86kgs
Cannon on its own with Choked Water Barrel complete but unloaded:	2.50kgs	1.88kgs
Cannon Loaded and ready for emplacement:	2.99kgs	2.10kgs
Cannon mounted on Multi Position Stand with Laser Sights:	8.33kgs	7.44kgs
Complete equipment in transit case including stand, inert consumables for ten firings and 3 off each projectile type:	22kgs	20kgs
Dimensions of Transit Case, includes space for optional PIM and Power Pack:	781 x 520 x 295mm	781 x 520 x 295mm

* All weights and dimensions are approximate and details are subject to change without notification

FULL SPECIFICATION

COMPRISING:

- Breech Module
- Gas Regulator Assembly
- Compensator Jacket
- Compensator Loading Tool
- Capture Gate
- Breech Plug
- Leadless Electric Adaptor
- Percussion Adaptor (optional)
- Barrel 30mm Rifled
- Choked Water Barrel
- 2 x Loading Tool
- Turret Assembly
- Lightweight Multi Position Stand
- 2 x Laser Sight
- 1 x Zeroing Laser
- 1 x Telescopic Sight (optional)

TOOL POUCH, STORING:

- Cleaning Rod
- Bronze Wire Brush
- Lambswool Brush
- Compensator Brush
- Conical Brush
- Spanner
- 3 x Allen Key
- Breech Cleaning Tool

VULKAN MAXI RECOILLESS DE-ARMER DISRUPTER – CSL 50/40 VUL

ST-VULCSL50/40



OPTIONAL
TELESCOPIC
SIGHT

PRODUCT OVERVIEW

The Vulkan Disrupter system is a 4th generation maxi modular, variable projectile mass, recoilless equipment which can be configured as:

- Close Up De Armer using plain slug or chisel slug against UXB fuses
- Stand Off De Armer using spin stabilised plain slug at ranges up to 30m (100ft) against UXB fuses
- Close Up De Armer using blade projectile typically against pipe bombs and certain other IEDs
- Close Up Disrupter using either 200ml or 300ml of water in C-IED applications
- Stand Off Disrupter using 200g spin stabilised frangible projectiles at ranges of up to 30m (100ft) and beyond in C-IED applications and in breaching / entry SWAT operations etc

FEATURES

- 40mm rifled barrel for stand-off applications
- Gas regulator which varies gas volume to the compensator permitting the system to be completely recoilless for projectile masses of between 200 and 300g
- Powerful green lasers with enhanced safety features such as programmable time out
- Lasers feature contra rotating prisms which make zeroing quick and easy
- For safety Laser Sights feature automatic time-out and cannot be used independent of the turret and stand
- Constructed in either tempered stainless steel or tempered titanium in situations where a very lightweight system, is desirable.
- The canon in Titanium is approximately half the weight of the stainless steel version

CONTINUED ON NEXT PAGE

VULKAN MAXI RECOILLESS DE-ARMER DISRUPTER – CSL 50/40 VUL

ST-VULCSL50/40



ADDITIONAL CONFIGURATIONS

Vulkan configured for close up water or elastomer shots. System can be loaded with either 200ml or 300ml by varying the position of the piston in the barrel and altering the gas regulator to the appropriate setting.



The multi position stand can be inverted to facilitate a very low angle attack, for example using a standoff spin stabilised clay frangible projectile at an under vehicle IED.



Configured with blade projectile. Laser sights can if desired be quickly removed.



Configured as close up de armer for use with plain slug or chisel projectiles. Laser sights can if desired be quickly removed.



CONTINUED ON NEXT PAGE

VULKAN MAXI RECOILLESS DE-ARMER DISRUPTER – CSL 50/40 VUL



ST-VULCSL50/40

KEY FEATURES

40mm Rifled Barrel which enhances the accuracy of long stand-off frangible and solid projectiles. This at the same time enables the projectiles to be of a simpler, cheaper construction and gives more effective target disruption.



Gas Regulator, allows the volume of gas to the compensator to be varied across 3 settings enabling the system to be completely recoilless with a range of projectile types with masses from 200 to 300g.



Anti-Rotation Peg, prevents the disrupter from rotating when using rifled barrel and ensures that disrupter is always indexed in the same position to enhance accuracy.

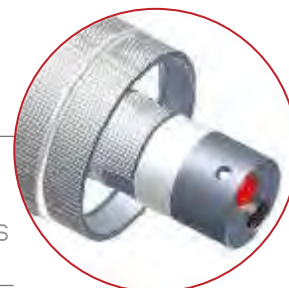


Common Breech Plug with two electrical adaptors allowing the use of leaded electric cartridges with the basic plug, leadless electric cartridges and percussion initiated cartridges. The percussion system features an electrically powered solenoid to strike the firing pin. This means that the Vulkan can be used with some currently available in service Cartridges and the new Countermeasure Systems Leadless Electric and Percussion Cartridges. Percussion Cartridges eliminate any danger from RF induction through long firing cables.

LEADED
ELECTRIC



LEADLESS
ELECTRIC



ELECTRICALLY
DRIVEN PERCUSSION



CONTINUED ON NEXT PAGE

VULKAN MAXI RECOILLESS DE-ARMER DISRUPTER – CSL 50/40 VUL

ST-VULCSL50/40



THE LASER SIGHTS INCORPORATE SEVERAL SAFETY FEATURES:

- Automatic time out after 1-5 minutes according to time delay selected by the Operator
- Each laser sight can easily be removed from the turret
- Power derives from a tubular power pack using off the shelf batteries and housed in the upper arm of the multi position stand. This prevents the lasers being used for any other purpose



LASER SPECIFICATION

- The standard lasers are 35mw, 532nm Green. Green lasers are 10 x more visible to the human eye than other colours
- When lasers coincide if for example used to range as well as aim, the two spots will merge as a solid dot
- The lasers are zeroed by means of contra rotating prisms making zeroing a quick and easy operation
- lasers are significantly more stable



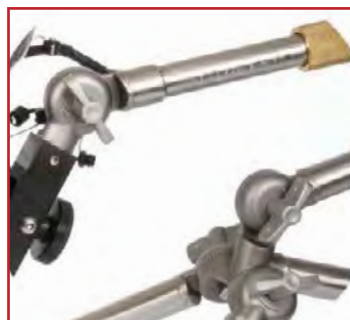
BORE SIGHT ZEROING ASSEMBLY

ARM DETAILS:

- Upper arm of multi position stand can be telescoped out in situations where a longer reach is needed. The arm can also be rotated thereby angling the disrupter to one side or the other and the brass clamping collar locks the arm in the desired position.



- The all-aluminium multi position stand features hard anodised splined, sprung loaded joints permitting easy adjustment but providing a completely rigid structure.



- Exploded view of upper arm withdrawn, showing the cylindrical battery pack which contains 4 x 3v lithium batteries in series giving 12v. Batteries are available 'off the shelf'



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VULKAN MAXI RECOILLESS DE-ARMER DISRUPTER – CSL 50/40 VUL

ST-VULCSL50/40



WEIGHTS & DIMENSIONS*

	STAINLESS STEEL
Cannon on its own with Rifled Barrel complete but unloaded:	2.46kgs
Cannon on its own with Choked Water Barrel complete but unloaded:	2.50kgs
Cannon Loaded and ready for emplacement:	2.99kgs
Cannon mounted on Multi Position Stand with Laser Sights:	8.33kgs
Complete equipment in transit case including stand, inert consumables for ten firings and 3 off each projectile type:	22kgs
Dimensions of Transit Case, includes space for optional PIM and Power Pack:	781 x 520 x 295mm

* All weights and dimensions are approximate and details are subject to change without notification

FULL SPECIFICATION

COMPRISING:

- Breech
- Gas Regulator Assembly
- Compensator Jacket
- Compensator Loading Tool
- Capture Gate
- Breech Plug Leaded Electric
- Leadless Electric Adaptor
- Percussion Adaptor (optional)
- Barrel 40mm Rifled
- Choked Water Barrel
- Projectile Loading Tool
- Barrel 1" (25.4mm)
- Turret Assembly
- Elevator Assembly
- 2 x Laser Sight
- 1 x Zeroing Laser
- 1 x Telescopic Sight (optional)
- Multi Position Aluminium Stand

TOOL POUCH, STORING:

- Cleaning Rod
- Bronze Wire Brush
- Lambswool Brush
- Compensator Brush
- Conical Brush
- Spanner
- 2 x Allen Key
- Breech Cleaning Tool

ST-VULMRDS

PISTON ANNULAR (COMMON TO MAMBA, VIPER & VULKAN)

The Piston Annular is designed to obturate the gas behind the annular water column in the compensator. It is manufactured from HDPE.

It has flared peripheries to ensure a good water and gas sealing inside the compensator.



CAP CLOSURE ANNULAR (COMMON TO MAMBA, VIPER & VULKAN)

The Cap Closure Annular fits into the back of the Capture Gate to seal the water in the compensator.



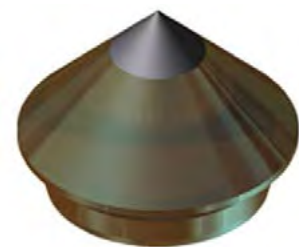
CAP CLOSURE

This is a lightweight PE Closure Cap, which is used to seal in the water column inside the Water Barrel at the Choked Muzzle when attacking soft to medium enclosures.



PENETRATOR

The Penetrator is a cone shaped module made from Polycarbonate with a stainless steel tip and is fitted with an 'O' Ring. The Penetrator fits into the end of the Barrel acting as a water seal. The Penetrator is used to achieve an entry hole in the side wall of metal enclosures including fire extinguishers.



PISTON 30MM

This is a lightweight PE Piston designed to obturate the gas propelling the water column. It can be positioned to contain 60, 100 or 150ml of water in order to achieve a lighter disruption with high follow on gas or a heavy disruption.



CONTINUED ON NEXT PAGE

ST-VULMRDS

DISRUPTER LONG STAND-OFF

PROJECTILE – SPIN STABILISED FRANGIBLE CLAY

This is a 200g projectile comprising an HDPE one piece piston-carrier filled with refined china clay. This is fired through the 40mm rifled barrel which causes the projectile to spin thereby considerably enhancing accuracy for long stand-off shots out to 30 metres and beyond. The projectile is also mass stabilised. The projectile can be used against a wide variety of IED targets. It can also be used for punching through car doors and windows to hit an IED on the inside of the vehicle. It is also extremely effective for taking out the locks on doors to enable breaching/rapid entry etc.

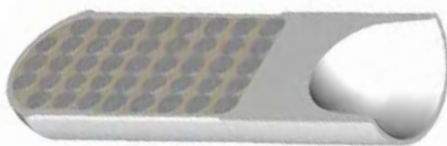


PROJECTILE – SPIN STABILISED FRANGIBLE CERAMIC

This is a 200g projectile comprising an HDPE one piece piston-carrier filled with alumina balls and powder. This is fired through the 40mm rifled barrel which causes the projectile to spin thereby considerably enhancing accuracy for long stand-off shots out to 30 metres and beyond. The projectile is also mass and drag stabilised.

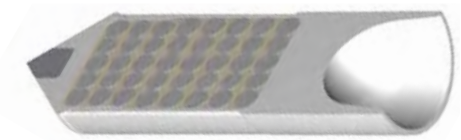
The projectile is designed to be used against IEDs with heavier metal enclosures. It can also be used to punch through vehicle doors and other panels to take out an IED inside the vehicle. It is also extremely effective for taking out the locks on very heavy doors to enable breaching/rapid entry etc.

Stand-off – 0.20 to 30m and beyond.



PROJECTILE – SPIN STABILISED FRANGIBLE CERAMIC WITH PENETRATOR

This is a 200g projectile with a similar construction except that it also features a penetrator cone. This version of the Projectile is designed for punching into heavy metal enclosures such as LP gas containers, pressurised drinks kegs and heavy fire extinguishers etc. Also, for punching through vehicle doors to take out, for example an IED in a metal container inside the vehicle.



DE ARMER CLOSE-UP

PROJECTILE – PLAIN SLUG

A 75mm (3") long 287g flat ended steel projectile, fitted with an 'O' Ring, which is used in conjunction with the 1" (25.4mm) De Armer barrel. The Plain Slug is designed to attack a UXB fuse, in accordance with NATO RSPs, to de-arm a UXB.

Typical stand-off – 15 to 30cm



PROJECTILE – CHISEL

A 75mm (3") long 261g offset chisel shaped projectile, fitted with an 'O' Ring, which is used in conjunction with 1" (25.4mm) De Armer barrel. The Chisel Projectile is designed to dynamically cut off and drift to one side the fuse pocket of certain UXBs, under NATO RSPs.

Typical stand-off – 15 to 30cm



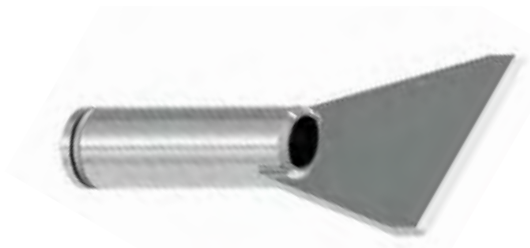
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ST-VULMRDS

PROJECTILE – BLADE

A 75mm (3") diameter steel blade welded to a 1" (25.4mm) steel shaft. The projectile is used with the 1" (25.4mm) De Armer barrel. It is primarily designed for cutting pipe bombs into two pieces in order to neutralise and/or vent them in the event of a high order. It can also be used for cutting off certain UXB fuses, the tops of some fire extinguishers, heavy cables and pipes etc

Typical stand-off – 20 to 30cm



PROJECTILE – FORK

The Fork Projectile is fired from the 1" Barrel Short. The tube which fits into the Barrel is hollow, therefore, on firing venting most of the gas so that the Projectile is propelled at very low velocity. Its purpose is to hold the striker featured on many WW2 US and UK air dropped bombs.

Typical stand-off – 10 to 15cm



DE ARMER STAND-OFF

PROJECTILE – SPIN STABILISED PLAIN SLUG

The P-SPS is a 200g projectile comprising a 1" (25.4mm) steel Plain Slug mounted upon a 40mm HDPE piston/carrier. It is fired through the 40mm rifled barrel which creates spin. The projectile, by virtue of its design and shape is also mass and drag stabilised. Typical target will be UXB fuses..

Typical stand-off – 0.20 to 30m and beyond



CARTRIDGE LEADLESS ELECTRIC

CSL 50 CAL MP

The Leadless Electric 50 Cal Cartridge (CSL 50 Cal MP - Medium Pressure) is a blank power cartridge designed for use in the CSL Viper Disrupter system. The one cartridge type is used in all configurations.

Classification - UN 0323 Class 1.4S Cartridges Power Device

Approved for shipment as freight on passenger aircraft.



PORTABLE X RAY SCANNER - MODEL: SPX-6046P

ST-6040P



PRODUCT OVERVIEW

SPX-6046P portable X-ray scanner has clear image and compact and lightweight design. Using high-resolution plate imaging technology; integrated high-end dual energy, line scan technology and advanced digital display system. Applicable to security applications include police and military search, post blast investigation, forensics, customs and contraband detection, smuggling and factory product quality testing.



FEATURES:

- Three-dimensional imaging, accurate display of dangerous goods location and internal structure
- Dynamically captures images, supports dynamic video playback
- Clear scanned images, high resolution and fast imaging speed ;
- High capacity battery life
- Software features: supports multitouch, physical size measurement, continuous image zoom, multi-effect image processing
- Security upgrades: provides X-ray delay and safety protection to ensure operator safety
- Modular design, easy maintenance

PORTABLE X RAY SCANNER - MODEL: SPX-6046P

ST-6040P



Wire resolution	40AWG
Penetration	30mm standard, 34mm typical
Image Control Station	supports multi-touch
Sensor type	linear array
Image display	Color, Black/white
Effective imaging area	600*460mm/30 inches
Image resolution	1536*1152 Pixels
Scanning way	Fast scanning within 6s; dual-energy scanning within 12s; 3D scanning image within 12s
data communication	Wired transmission (30m)
Image acquisition time	6s
Pixel size	0.4mm
Thickness of receiver	8cm
Spatial resolution	2.0 line pair/mm
X ray tube voltage	120kv
X ray source current	1mA
Grey level	65536
Image processing	Edge enhancement, super penetration, local enhancement, histogram equalization, color display, black and white display, pseudo-color display, relief display.
Area selection and enlargement	Unlimited continuous magnification
Storage capacity	At least 10000 images
Image Recall	Recall up to 100 images
Image display	Support dynamic images
System function	Date / time display, historical image preview, user management, image storage and retrieval, emergency stop operation, device status display.
Material distinguish	Duel energy color image, organic /inorganic Stripping
Outline Dimensions	X ray generator: 482*215*178mm (L*W*G), Detection board : 770*531*84mm (L*W*G)
Total weight	22kgs
X Ray generator weight	10kgs
Detector board weight	10kgs
Operating temp.	-20°C~+55°C
Storage temp.	-40°C~+80°C
Battery	Rechargeable lithium ion battery (Supports 500 image captures)

VMH4 METAL DETECTOR



ST-VMH4MMD



PRODUCT OVERVIEW

The VMH4 is designed to meet the very specific needs of mine clearance professionals in military and humanitarian demining scenarios.

Ruggedness is paired with simple operation, on all soils, under all conditions. Since the quality of threats in military scenarios changed, the VMH4 detects not only metals but also carbon rods frequently being used to trigger IEDs.

The optional hard case offers safe and convenient transport of the complete set including backpack and accessories.

FEATURES

- Top-Level sensitivity
- Detection of low-conductive materials as for example carbon rods
- Wire detection
- Green LEDs for best visibility at daylight
- Infrared LEDs for use with night-vision devices
- Highly effective soil compensation

- Audio, visual and vibration feedback
- Bluetooth® and Wi-Fi interface
- Integrated webserver
- Communication with mobile devices through standard browsers
- Integrated GPS automatic and manual triggering of waypoints
- Exchangeable search coils

AVAILABLE COLOURS



CONTINUED ON NEXT PAGE

VMH4 METAL DETECTOR



ST-VMH4MMD



SPECIFICATIONS

Power supply:	3 ea. 1.5 V battery LR20 (D)
(alternative)	3 ea. 1.2 V rech. battery HR20 (D)
Battery life:	approx. 20 hours depending on battery type and soil programme
Sweeping speed:	0.2 - 1.5 m/s – standard 0 - 0.2 m/s – pinpointing
Operation temperature:	-31 °C to +63 °C
Storage temperature:	-51 °C to +71 °C
Environmental	according to MIL-STD 810G (501.5 I+II, 502.5 I+II, 502.4-II, 503.5 I, 514.6 I, 516.6 IV)
Metal alarm:	acoustic via loudspeaker or headset visual via LED-bargraph vibration alarm
Power line suppression:	automatic
Waterproof:	up to 5 metres
IP Code:	IP68
Dimensions:	
Search coil VS20:	200 5 mm
Search coil VS30:	300 5 mm
Search coil VS60:	600 5 mm
Operational length of telescopic carrying bar with search coil VS20:	min. 550 mm 5 mm max. 1430 mm 5 mm
Backpack:	approx. 520 x 320 x 150 mm
Weights:	
Detector with batteries:	approx. 2.5 kg
Transport weight in field backpack:	approx. 3.9 kg
incl. operation manual, field manual and batteries	

VS20 METAL DETECTOR



ST-VS20MMD



PRODUCT OVERVIEW

The VS20 is designed to meet the very specific needs of mine clearance professionals in military and humanitarian demining scenarios.

Ruggedness is paired with simple operation, on all soils, under all conditions. Since the quality of threats in military scenarios changed, the VS20 detects not only metals but also carbon rods frequently being used to trigger IEDs.

The optional hard case offers safe and convenient transport of the complete set including backpack and accessories.

FEATURES

- Top-Level sensitivity
- Detection of low-conductive materials as for example carbon rods
- Wire detection
- Green LEDs for best visibility at daylight
- Infrared LEDs for use with night-vision devices
- Highly effective soil compensation
- Audio, visual and vibration feedback
- Bluetooth® and Wi-Fi interface
- Integrated webserver
- Communication with mobile devices through standard browsers
- Integrated GPS automatic and manual triggering of waypoints
- Exchangeable search coils

AVAILABLE COLOURS



CONTINUED ON NEXT PAGE

VS20 METAL DETECTOR



ST-VS20MMD



SPECIFICATIONS

Power supply:	3 ea. 1.5 V battery LR20 (D)
(alternative)	3 ea. 1.2 V rech. battery HR20 (D)
Battery life:	approx. 20 hours depending on battery type and soil programme
Sweeping speed:	0.2 - 1.5 m/s – standard 0 - 0.2 m/s – pinpointing
Operation temperature:	-31 °C to +63 °C
Storage temperature:	-51 °C to +71 °C
Environmental	according to MIL-STD 810G (501.5 I+II, 502.5 I+II, 502.4-II, 503.5 I, 514.6 I, 516.6 IV)
Metal alarm:	acoustic via loudspeaker or headset visual via LED-bargraph vibration alarm
Power line suppression:	automatic
Waterproof:	up to 5 metres
IP Code:	IP68
Dimensions:	
Search coil VS20:	200 5 mm
Search coil VS30:	300 5 mm
Search coil VS60:	600 5 mm
Operational length of telescopic carrying bar with search coil VS20:	min. 550 mm 5 mm max. 1430 mm 5 mm
Backpack:	approx. 520 x 320 x 150 mm
Weights:	
Detector with batteries:	approx. 2.5 kg
Transport weight in field backpack:	approx. 3.9 kg
incl. operation manual, field manual and batteries	

MD8 PLUS MINE AND METAL DETECTOR

ST-MD8MMD



PRODUCT OVERVIEW

The MD8 Plus Mine and Metal Detector is an up-graded version of the MD8, which was originally designed to meet British Army requirements to detect objects with a minimum metal content.

Because the micro-processor controlled MD8 Plus Detector is largely automatic in operation, being self-adjusting to its immediate environment, it is very simple to operate with only a minimum of training required. The MD8+ utilises high-speed pulse induction to provide optimum sensitivity capable of detecting all currently deployed minimum metal AP and AT mines or small metallic targets.

FEATURES

- Operating weight: 2.4kg
- Operating length: Maximum - 1560mm / Minimum - 1120mm
- The equipment is totally sealed, waterproof and submersible
- All elements have been integrated into a single unit incorporating a control unit, batteries and telescopic halo head assembly

AVAILABLE COLOURS



www.sarkartactical.com

info@sarkartactical.com

ORION 2.4 HX NON-LINEAR JUNCTION DETECTOR (NLJD)

ST-ORNLJD



PRODUCT OVERVIEW

The ORION is a state-of-the-art Non-Linear Junction Detector for detecting hidden electronics in walls, floors, ceilings, fixtures, furniture, or containers.

The ORION has an antenna-mounted line of sight display that lets the operator focus on the target while sweeping. The NEW ORION 2.4 transmits at 2.4GHz frequency for detecting small electronics such as SIM cards and cell phones.

FEATURES

- Digital modulation & correlation: digitally modulated transmit signal with correlated 2nd & 3rd harmonic response provides improved detection & minimises interference
- Wide bandwidth transmit signal: 1.25mhz increases detection sensitivity
- Multiple alert methods: Alert tones and Haptic (vibration) alert can be selected to alert when signal levels surpass the trip levels
- Run Time: 8 hours per battery (typical)
- Led head lamp: illuminates target area
- Manual or automatic power control up to 3.3 watts
- Small lightweight design: weighs 2.8 lbs/1.3 kg
- Line of sight antenna mounted display allows user to focus eyes on sweeping target and display at same time
- Integrated pole: no pole or cable assembly required
- Synthesized transceiver provides frequency stability and agility to automatically search for clean operating frequencies (2.404ghz to 2.472ghz)
- Circularly polarized transmit and receive antenna removes risk of missing a threat due to incorrect antenna polarization

AVAILABLE COLOURS



WD100 [AM] CABLE DETECTOR

ST-WD100



PRODUCT OVERVIEW

The WD100 [Airmobile] is a modified variant of the WD100 and has been designed for use by light or airmobile forces. The unit components can be easily packed into rucksacks or can be transported in its rugged ballistic nylon carry case.

The WD100 [AM] is able to locate the presence of surface laid and buried cables over 50m in length to a depth of 200mm in most soil conditions except highly mineralised soils. The unit is self-testing and self-calibrating, and is weather proof. It's Equipment Protection Level is Gb.

FEATURES

- Min 50 metres cable down to 20cm in moist soil
- Power 3 X LR20 Batteries
- Battery Life Min 8 hours on full power
- Operating Weight 3.2kg
- Environmental -20°C to +50°C
- Equipment Contents:

- Camouflage ballistic nylon field case
- Sensing Head
- Shaft
- Control Unit with fold handle
- Earpiece
- Confidence Test Piece
- Battery Carrier

AVAILABLE COLOURS



www.sarkartactical.com

info@sarkartactical.com

SPE-8000 HANDHELD EXPLOSIVES TRACE DETECTOR



ST-SPE8000



FEATURES

- Most Versatile Handheld Explosives Trace detection technology for a wide range of threats
- Multi-channel fluorescence technology; no radioactive source
- Detects Military, Conventional, Homemade and Liquid Explosives
- Nanogram level Sensitivity
- Particle and Vapor detection modes

AVAILABLE COLOURS



PRODUCT OVERVIEW

SPE-8000 is the lightest and most sensitive handheld explosives trace detector in its class.

Its unique fluorescent detection technology identifies military, conventional, homemade, and liquid explosive threats by class on surfaces (particulate) and in bottles (vapor). It starts from cold in three minutes and has a battery that lasts up to eight hours. With clear-down measured in seconds, operators spend more time sampling and less time waiting. SPE-8000 expedites on-site decision making with ten-second threat reporting via intuitive, go/no-go alarms. Training can be completed in 30 minutes, further minimising the impact on day-to-day operations and costs.

- Rugged and Portable Designed to be adapted to many mission types
- Lightweight and ergonomic
- IP54 rated for dust ingress and water resistance
- Long-lasting, user replaceable battery
- 10 second results, clear down within seconds
- Visible, Audible and Vibrational Alerts
- Broad, class-based identification
- On device video training

CONTINUED ON NEXT PAGE

SPE-8000 HANDHELD EXPLOSIVES TRACE DETECTOR

ST-SPE8000



Technology multi-channel fluorescence technology; no radio-active source

SAMPLING & ANALYSIS

Sample Introduction Direct vapor for bottled liquids or sampling swipes for surfaces
Sample Phase Vapor and trace particulate
Threats Detects military, conventional, homemade, and liquid explosives
Sampling & Analysis Analysis ≤ 10 seconds with real-time detection capability

SYSTEM INTERFACE

Alerts Visible, audible, and haptic (vibration) alerts; bluetooth headset (option)
Localization Language translation available worldwide
Display 3 inch LCD screen
Communication USB; optional embedded wireless or WIFI
Data Storage > 200000 continuous data logging
Data Management On-device report generation; export to mass storage
User Levels Operator and Administrator

POWER

Input Voltage 100-240 VAC ; 50/60Hz, 2A
Battery Specs Two rechargeable Li-ion batteries (swappable and up to 8-hr battery life);
Power consumption 30W
Startup Time < 3 minutes from cold;
Self cleaning time < 30 seconds
Sensitivity $< 0.1\text{ng}$
False alarm $< 1\%$
Environmental
Operating Temperature -10 to 50 °C
Operating Humidity 5% to 95% non-condensing
Storage Temperature -20 to 50 °C

PHYSICAL FEATURES

Dimensions (L x W x H) 13.07 x 3.54 x 1.8 inch (332 x 90 x 46mm) - with heater
Weight 1.4 kgs with battery
Explosives identify Black Powder, AN, TNT, DNT, MNT, HMX, NHS, BTF, CL20, DNTF, DNTF, NQ, AT, TATP, Tetra, PETN, Gun Power, NG, RDX, fireworks, C4 etc

ADAMS AD360 COMPACT METAL DETECTOR

ST-AD360



FEATURES

- Fits into small belt holster or is small enough to fit in the pocket
- Requires no adjustments for use
- Detection area that is the entire length, circumference and tip of the detection probe
- Detects all metals
- Single on/off button (push / latch-push / release power) when the button is pushed into the ON position a green LED flashes, indicating that the unit is powered and in the ON mode

AVAILABLE COLOURS



PRODUCT OVERVIEW

The Adams AD360 is a rugged and compact metal detector measuring 9.3 inches long and weighing only 219 grams.

The AD360 is simple to use and comfortable to operate. It has a detection area that is the entire length, circumference and tip of the detection probe. This offers the user a very efficient and fast way of carrying out a search procedure in any weather or challenging environment, yet the AD360 is still small and light enough to wear on the belt. Designed for frontline operational, law enforcement, corrections, or general security applications.

- Silent vibration alert only when metal is detected, enabling the user a safer more tactical advantage
- Rugged all weather construction, ideal for use in extreme conditions and environments (IP67)
- The battery compartment is located at the back of the detector and has a screw cap, similar to that of a standard flashlight
- Powered by a single standard 9 Volt battery – Extended use between battery changing or charging

NIGHTSEARCHER HAWKSTAR-X RECHARGEABLE PROFESSIONAL LED



ST-HWKST-X

PRODUCT OVERVIEW

The HawkStar professional rechargeable LED searchlight has been designed and engineered by NightSearcher to satisfy the high standard requirements of Emergency Services, Search & Rescue teams and Industrial sectors.

Utilizing high lumen output LEDs and specially designed reflectors with optics, the HawkStar-X offer wide and narrow light beam control, making them ideal for long distance searching or flood lighting wider areas.



FEATURES

- Up to 4200 lumens
- Max. beam distance 600m
- Operates up to 9 hours 45 minutes
- Designed to be used in Emergency Service Vehicles
- Wide angle Flood and Narrow angle Search beams
- Multiple brightness levels and Dimmable mode
- Crash tested at 70MPH (112KPH)
- Fits securely in charging bracket - Quick release from bracket for fast and easy deployment
- Rated IP67 - Completely waterproof up to 1 metre immersion
- Charges from any vehicle 12V / 24V, or from AC mains

AVAILABLE COLOURS



RECHARGEABLE 10,000 LUMENS TORCH – SF365



ST-SF365



FEATURES

- Light power up to 10,000 lumens
- Beam distance – 1200 metres
- Wide angled flood beam
- Li-ion maintenance free battery
- 9 x light modes with up to 10 hours operation
- Swivel head for multiple head angle position
- Battery status and charging indicator
- Wall mountable charging base
- Rubberised handle for comfortable non-slip grip

AVAILABLE COLOURS



PRODUCT OVERVIEW

The SF365 Rechargeable 10,000 Lumens Torch offers searchlight capability and has been designed specifically to cater for the demands of Search & Rescue, Operational Emergencies and Scenes of Crime scenarios.

Combining dual optics with a highly effective reflective system the SF365 can provide long distance penetration and wide area floodlighting depending upon scenario requirements. Delivering a class leading maximum 10,000 Lumens, through a new power management functionality, which can project either through a long-distance spot beam or a wide angled flood beam.

- Rubberised light front and base to give added strength and stability
- One handed operation
- Comfortable shoulder strap
- 6 hours charging time
- Robust housing
- Anti-slip rubberised base with built in stability
- Supplied with : AC Adaptor, Charging Base and Shoulder Strap. Optional Vehicle Charger Available

TRUPULSE 200 LASER RANGEFINDER

ST-TLA13



PRODUCT OVERVIEW

Fits in most work vest pockets and is lightweight enough to comfortably hang from a neck strap and easily see your target with the crystal-clear 7-power optics and always get the best focus with the adjustable eye dioptre.

Reflectorless technology allows you to capture data safely and conveniently to practically any target surface type. View all your data values right in the scope and instantly receive feedback on your measurement accuracy.

FEATURES

- Measurement range: 0-1000m typical, 2000m max to reflective target
- Inclination: $\pm 90^\circ$
- Distance accuracy: $\pm 20\text{cm}$
- Inclination accuracy: $\pm 0.25^\circ$
- Operating modes: Horizontal, Vertical or Slope Distance, Inclination, Height, Missing Line
- Target acquisition: Closest, Farthest, Continuous, Filter
- Optics: 7x Magnification (field of view: 100m @ 915m)
- Temperature range: -20°C to $+60^\circ\text{C}$
- Environmental: Water-resistant/IP54
- Power: 2x AA batteries
- Dimensions: 120 x 50 x 90mm
- Weight: 285

AVAILABLE COLOURS



EXPLOSION PROOF TORCH & BELT

ST- SF361



PRODUCT OVERVIEW

Typical usage applications include Fire Fighters, Public Security, Petrol Stations, Manufacturing Plants, Chemical and Petrochemical processing facilities.

FEATURES

- Intrinsically safe LED Flash Light for use in Zone 1 2 21 22 hazardous areas
- Front spot light + Rear torch light, High/Low/Strobe light modes
- Explosion proof
- High powered OSRAM LED
- Secure grip, high strength aluminium housing
- Easy to use, maintenance free
- Lumens: 157 | 78 Lumens
- Charging time: 6hrs
- Running time: High: 9hrs | Low: 18hrs
- Battery: 2.2Ah Lithium-ion
- Range: 200metres
- Dimensions: (L)156x(w)35mm
- Weight: 190g

CERTIFICATIONS

IUL: CLASS I DIV 1&2 GRP ABCD, CLASS II DIV 1 GRP EFG, CLASS II DIV 2 GRP FG, CLASS III DIV 1, CLASS III DIV 2

ATEX: ZONE 1 & 21, ZONE 2 & 22

IECEX: II 2 G Ex ib IIC T4 Gb | II 2 D Ex ib IIC T130°C Db IP68

RoHS: Approved

CE: Approved

AVAILABLE COLOURS



SEAGO BM750C 7X50 BINOCULAR

ST-BM750C



PRODUCT OVERVIEW

The Seago BM750C waterproof, weather-resistant, binocular incorporates an in-built compass and top-quality optical technology which produces crisp, brilliant, wide-angle viewing over long ranges.

The rubber armoured Seago BM750C 7 x 50 Binocular is sealed with O-rings and is filled with nitrogen gas to ensure it is waterproof and in order to minimise the effect of temperature changes. This makes the binocular ideal for military and nautical applications.

FEATURES

- Multi-coatings on every lens ensures superlative light transmission, contrast and sharpness of image
- The Seago BM750C incorporates a compass and reticle in the right hand eyepiece for obtaining the bearing and measuring the distance, height, and angle of an object
- Comes complete with carrying strap, case, lens cloth and user instructions
- Magnification: 7x
- Lens Coating: Multi Coating
- Objective Lens diameter: 50mm
- Prism Type: Porro BAK-4
- Exit Pupil: 6.8mm Housing
- Rubber Eye relief: 23mm
- Weight: 890g
- Field of View: 132m at 1000m
- Dimensions: 20x8x15cm
- Field Angle: 7.5 deg
- Rangefinder: Reticle
- Eye Cups: Modern Plug Style
- Compass Zone: Unless specified by End User supplied as ZONE B (countries between 40 & 60 degrees North latitude)

AVAILABLE COLOURS



LADDERMATIC 2 ASSAULT LADDER & HARNESS

ST-TLA13



PRODUCT OVERVIEW

The Telescopic Ladder is highly compact for storing and transporting.

The Telescopic Ladder is highly compact for storing and transporting. Easy to transport and carry, the Laddermatic 3 features a quick latch and lock stabilising bar, making it easier to retract the ladder and add greater stability when working at height, fully complying with the new EN131-6:2019 standards on stabilising bars and lowering the ladder into a stored position.

FEATURES

- Fully extends to 4.5m and compacts down to 1.03m
- Quick latch for easier lowering into the storage position
- Built-in wide stabilising bar locks in place before climbing Manufactured with aircraft grade aluminium alloy

- Double sided feet for durability and traction
- Integrated padded carrying handle for easy carrying
- Superior matt-black clean-touch Anodised finish
- Max Load: 150kg

AVAILABLE COLOURS



FIRING CABLE REEL

ST-FCBR



PRODUCT OVERVIEW

A Twisted Black/Tan firing cable used To activate items such as disruptors or detonators.

All steel construction with tubular frame The reel diameter is 380mm and is fitted with folding winding handle.

FEATURES

- Friction break for smooth rewind and stowage, and connectors
- Cable: Detonator firing circuit cable
- Twisted PVC Insulated cores specially designed for strength
- Electrical conductivity and concealment.
- Standard 0.75 (24/0.2) plain annealed copper conductor cores, insulated with PVC
- Voltage rating: 300/500V
- No of strands: 24

- Strand dia: 0.2mm
- Nom insulation thickness: 0.65mm
- Nom dia: 2.44mm
- No dia over sheath: 4.88mm
- Conductor DC Resistance @ 20degC: 26ohm/km
- Defence Standard 61 -12 Part 17
- Dimensions: 400x380x250mm
- Mass: 15kg max

AVAILABLE COLOURS



120-510 CMT FOLDING POCKET SEARCH MIRROR

ST-FPSM



AVAILABLE COLOURS



PRODUCT OVERVIEW

A compact search mirror that can be carried as an aid to personal security or as an individual issue by operational personnel.

The CMT folds flat for carrying in a jacket/uniform pocket or bag.

FEATURES

- Fitted with a Plano Glass Mirror, Telescopic Arm and a miniature Flashlight
- The Plano Mirror can be adjusted for angle and provides a wide field of view
- The unique telescopic handle extends to 460mm (18.1in) and is completely rigid to ensure a stable image
- The integral Flashlight can be used with the Mirror open or closed
- Overall dimensions closed: 155 x 90 x 20mm (6. x 3.54 x 0.79in) weighs 260g (9.2oz)
- Supplied with 2x AAA batteries

JUKA4 – 4 CHANNEL EXPLODER



ST-JUKA4



PRODUCT OVERVIEW

The JUKA-4 is four channel high-energy electronic initiator. All four channels may be fired simultaneously or in groups as selected by user.

The unit's robust and water-resistant aluminum enclosure enables it to be used in harsh environments. The unit is easy to operate and has extensive safety features and interlocks. Designed as a military device for infantry, engineer, EOD and IEDD use, it is also ideal for commercial demolition and excavation applications wherever electric detonators are used.

FEATURES

- High-energy output of 7 Joule per channel
- It is safe, reliable, foolproof, rugged and waterproof
- Ergonomic design
- Build in Rechargeable battery for more than 1000 shots
- Extensive safety features
- Capacitor discharge when ARM button is released
- Will not fire below rated voltage
- Unit can fire into short circuit without being damaged
- Capacitor discharge when ARM button is released
- Unit will only trigger if ARM button is depressed, the firing capacitor is charged to correct voltage, the firing circuit resistance is less than 400 ohm and the TRIGGER button is depressed
- Inadvertent firing is almost impossible because of recessed spring-loaded controls
- Requires two controls to be depressed simultaneously and in the correct sequence for firing
- The JUKA-4 has an inhibit circuit to check that the total load is less than 400 ohms

AVAILABLE COLOURS



CONTINUED ON NEXT PAGE

JUKA4 – 4 CHANNEL EXPLODER



ST-JUKA4



CONTROLS AND INDICATORS

TEST button: Continuity check of all selected channels, Green LED indicates permissible load resistance

ARM Switch: Primes the selected channels, the Channel LED turn Red to indicate that the channel is armed (voltage exceeds 380 V)

TRIGGER button: Fire the selected channels if they are armed and Arm switch is still pressed

SELECT Switch 1 to 4: To Select channels for all functions

To fire the initiator: the ARM button must arm the selected channels and then the TRIGGER button will fire the selected channels

TECHNICAL INFORMATION*

OUTPUT PER CHANNEL:

Energy: > 7 Joules

Voltage: > 380 Volt

Contacts: Spring-loaded terminals for quick connections of leads

POWER SUPPLY:

Build in NiMH batteries with external charger

Capacity: More than 1000 firings from fully charged unit at 25 degrees Centigrade

PHYSICAL CHARACTERISTICS:

Width 111 mm

Length 192 mm

Height 67 mm

Mass 1.7 kg

ENVIRONMENTAL:

Operation Temp: -20° to +60° C

Storage Temp: -55° to +85° C

Waterproof: 1 m

SAFETY FEATURES:

Kit components:

1 x JUKA -4

1 x Charger (95 to 240V input)

1 x Pelican Case type 1400

Packed in Pelican with total weight 4.1 kg

* All weights and dimensions are approximate and details are subject to change without notification



PRODUCT OVERVIEW

The Elex-7 Single Channel Electronic Exploder is a pocket-sized, single channel high energy electronic initiator designed for activating detonators and fuses.

It is suitable for military (EOD, IEDD, Engineers) and Commercial (demolition and excavation) use anywhere there is a need to use electric detonators and has been proven to be extremely reliable over the 20 years that it has been in military use.

The Elex 7 uses standard 9V alkaline batteries and is supplied in a robust and IP66 dust tight highly water-resistant protective cover enabling it to be used in harsh environments. The unit is easy to operate and has extensive safety features.

FEATURES

- Post firing safety circuit cut-off time < 6 milliseconds
- Very compact and robust: high impact covering
- Ergonomically designed: fits snugly into hand
- Uses standard 9V alkaline batteries

- Extensive tests and safety features
- Easy to operate
- The Elex 7 uses standard 9v alkaline batteries
- Supplied in a robust and IP66 dust tight, highly water-resistant protective cover

AVAILABLE COLOURS



CONTINUED ON NEXT PAGE

ELEX-7 ELECTRONIC EXPLODER



ST-ELEX7



SAFETY

Inadvertent firing is almost impossible because of recessed spring-loaded controls requiring two controls to be depressed simultaneously and in sequence for firing. Depriming occurs automatically if the device is not fired. Despite the high energy output there is no danger to the operator touching the output terminals or conductors even in wet conditions. Any combination of detonator and cable can be used. The Elex-7 has an inhibit circuit to check that the total load is less than 400 ohms. This ensures against misfiring as well as against electric shock.

SPECIFICATIONS

- Energy: > 6 Joules
- Voltage: > 350 Volts
- Capacitor: 100 microfarad
- Contacts: Spring-loaded terminals for quick connections of leads

Power Supply

- Two 9v alkaline batteries
- Capacity: More than 250 firings from a set of new batteries at 25°C

Physical Characteristics

- Width: 79mm
- Length: 155mm
- Height: 32 mm
- Weight: 550g
- Enclosure: Moulded, impact resistant

Environmental

- Operating Temp: -20° to +60°
- Storage Temp: -55°to +85°
- Drop: 2.5m

Safety Features

- Capacitor discharge when ARM button is released
- Will not fire below rated voltage
- Unit can fire into short circuit without being damaged
- Unit will only fire if ARM button is depressed, the firing capacitor is charged to correct voltage and the TEST/FIRE button is depressed

SAMEL 90 MANPACK IED JAMMER

TYPE SMJ 100

ST-SM90/SMJ100



PRODUCT OVERVIEW

To counter the latest threats from RCIEDs, Samel 90 has developed a family of RF Inhibitors. The advanced lightweight man pack jammer, SMJ-100 is an industry leading and versatile platform that ensures mission success.

SMJ-100 is a flexible-role lightweight jamming systems designed for easy deployment in a multi-role environment. The system can be rapidly deployed in a back pack, vehicle mounted or in a carry forward EOD role.

FEATURES

Frequency band, MHz:

- Band 1: 25 - 500 MHz programmable in two sub bands
- Band 2: 500 - 3,000 MHz programmable in up to six sub bands
- Band 3: 3,000 - 6,000 MHz programmable in up to six sub bands
- RF output power, W RMS Number of RF modules Power supply:
- 3 modules
- 36VDC from Li-Ion battery
- Option for 220VAC from external power supply unit

Type of antennas:

- One set (2 pcs) omnidirectional antennas for Manpack and carry forward use
- One set (2 pcs) ruggedized omnidirectional antennas for vehicle use
- Barrage in the programmed sub bands

Type of interference Remote Control Unit
Working temperature Total weight of one set:

- Yes
- -25°C ÷ +50°C
- < 20 kg including battery and antennas

VISUAL SEARCH INSPECTION KIT

ST-VSIKT



PRODUCT OVERVIEW

The Kit includes a side-viewing Endoscope for searching inaccessible areas (e.g. wall cavities, crawl spaces, ventilation ducts, behind dashboards) through a gap of 10mm (0.4in) diameter.

A 10W halogen Lamp in the tip of the Endoscope provides bright illumination and enables inspections to be made over distances of up to 1.5m (5ft). The Kit is supplied in a robust protective foam-lined carrying case complete with batteries and replacement Lamps.

FEATURES

- A long Telescopic Arm (CEM) that extends to 1500mm (59in)
- A short fixed length model (UCM/T) which is ideal for room searches.
- Both can be fitted with the range of inter changeable Mirrors supplied.
- Contains a Handlamp to provide a wide area working light
- Two right angle Flashlights with belt clips
- Miniature Mirrors, Light Probes and illuminated Magnifiers are included to assist in the internal inspection of suspect packages and containers
- Mirror sizes range from 4.5 to 64mm (0.18 to 2.5in) in diameter.

AVAILABLE COLOURS



HAND TOOL KIT

ST-HDTK



PRODUCT OVERVIEW

The EOD Hand Tool Kit is used for field expedient general operations where hand tools are needed.

FEATURES

- The Kit is contained in a large roll-up Pocketed tool pouch
- Includes everything from:
 - screwdrivers
 - pliers
 - wrenches
 - saw
 - hammer
 - pry bar
- over 80 components in all

AVAILABLE COLOURS



SMALL EOD TOOL KIT

ST-EODTK



PRODUCT OVERVIEW

The EOD Hand Tool Kit is used for field expedient general operations where hand tools are needed.

FEATURES

- 1 Scalpel (6) inch with (15) extra blades
- 16 Combination slip-joint pliers
- 1 10 Tongue and groove pliers
- 16 Diagonal cut pliers
- 16 Long nose pliers
- 15 Stainless steel hemostat pliers
- 1 10 Stainless steel hemostat pliers
- 17 Curved jaw Vise - Grip locking pliers w/wire cutter
- 19 Long nose Vise - grip Locking pliers w/wire cutter
- 2 Eye bolts for vise grips
- 1 Torx bits in holder (7)
- 1 Slotted 5/16 square blade screwdriver
- 1 Scalpel (6) inch with (15) extra blades
- 16 Combination slip-joint pliers
- 1 10 Tongue and groove pliers
- 16 Diagonal cut pliers
- 16 Long nose pliers
- 15 Stainless steel hemostat pliers
- 2 2.5-inch c-clamps (American made)
- 1 Mini aluminium flashlight. Krypton x 5
- Mag Light 2AA
- 1 Flexible fibre optic cables (3) (for flashlight)
- 14 pc. General purpose tweezers set (1) plastic tweezers
- 1 Inspection mirror. 2.75 x 3.5 telescoping
- 2 Spring Snaps (carabiner)
- 1 12 Pry bar.
- 1 16oz wood handle hammer
- 1 Magnetic retriever
- 1 Heavy duty scissors
- 1 Spring retractable tool flexible shaft
- 1 White Plastic 12 probe
- 1 Black Plastic 12 probe
- 1 10 Stainless steel hemostat pliers
- 17 Curved jaw Vise-Grip locking pliers w/wire cutter
- 19 Long nose vise - grip Locking pliers w/wire cutter
- 2 Eye bolts for vise grips
- 1 Torx bits in holder (7)
- 1 Slotted 5/16 square blade screwdriver
- 1 Interchangeable driver bit handle with 6 bits
- 1 1 1/4 inch bit holder (plastic)
- 1 6pc. Slotted and Phillips set, miniature screwdrivers
- 1 12pc. Inch Set Ball end bits .062 up to 1/2 inch
- 1 9pc. Metric Set Ball end bits 1.5 up to 10 mm
- 1 8 Adjustable Wrench 0 up to 7/8 inch
- 1 Pocket saw (interchangeable blades)
- Uses standard sawsall blades
- 1 Stanley utility knife (replace blades without a screwdriver)

MK4 HOOK AND LINE KIT

ST-M4HLK



PRODUCT OVERVIEW

An extended hook and line kit with a range of tools specifically designed for use in buildings.

Snatch blocks designed to open automatically allow suspect devices to be taken along more complex routes, and the gangway braces allow equipment to be supported across doorways. A single reel is included, and the kit comes complete in a rigid case fitted with a foam insert which can be carried with one hand.



FEATURES

- | | | |
|---|---|---|
| <ul style="list-style-type: none">• Rope Systems• Rope Tools• Slings• Suction/Adhesive Pads• Hook Systems | <ul style="list-style-type: none">• Clamps & Grips• Stakes• Misc Tools• Vehicle Tools• Building Tools | <ul style="list-style-type: none">• Vehicle & Building Tools• Search Tools• Storage & Transport• Weights and measures:
Packed dimensions: 140x25x50cm
28kg |
|---|---|---|

AVAILABLE COLOURS



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MK4 HOOK AND LINE KIT

ST-M4HLK



ROPE EYE

An eye which may be clamped to the line at any point along its length, to allow a second pulling point to be attached to the main line, allowing an alternative method for maneuvering a suspect device around objects. Features High strength anodised aluminum Features. To clamp from 3mm to 6.5mm diameter rope, fitted with 25mm stainless steel eye.

Dimensions: 85x35x35mm

Mass: 0.1kg

Min Breaking Strength: 0.90kN (90kg)

SWL: 0.65kN (65kg)



KARABINER (ALLOY) SMALL SCREWGATE

Used to attach various instruments to anchor points. Features: Hot forged aluminium, 'I' beam Features. Fitted with locking screw gate.

Dimensions: 18mm gate opening

Mass: 0.075kg

Min Breaking Strength: 12.00kN (1200kg) (gate open), 32.00kN (3200kg) (gate closed)

SWL: 1.70kN (170kg) (gate open), 4.50kN (450kg) (gate closed)



KARABINER (ALLOY) LARGE SCREWGATE

Used to attach various instruments to anchor points. Features: Hot forged aluminium, 'I' beam Features. Fitted with locking screw gate.

Dimensions: 26mm gate opening.

Mass: 0.085kg

Min Breaking Strength: 10.00kN (1000kg) (gate open), 30.00kN (3000kg) (gate closed)

SWL: 1.40kN (140kg) (gate open), 4.20kN (420kg) (gate closed)



ROPE SLING, 3MM DIA X 2M LONG

A rope sling that may be used to attach various tools to anchor points.

Features: Prestretched polyester rope, aluminum ferrules. Dimensions: 3mm diameter rope, 2000mm EWL, 35mm diameter loop at each end.

Mass: 0.05kg

Min Breaking Strength: 2.80kN (280kg)

SWL: 1.80kN (180kg)



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MK4 HOOK AND LINE KIT

ST-M4HLK



ROPE SLING, 4MM DIA X 2M LONG

A rope sling that may be used to attach various tools to anchor points.

Features: Prestretched polyester rope, aluminum ferrules. Dimensions: 4mm diameter rope, 2000mm EWL, 35mm diameter loop at each end.

Mass: 0.05kg

Min Breaking Strength: 5.90kN (590kg)

SWL: 3.80kN (380kg)



ROPE SLING, 5MM DIA X 2M LONG

A rope sling that may be used to attach various tools to anchor points.

Features: Prestretched polyester rope, aluminum ferrules. Dimensions: 5mm diameter rope, 2000mm EWL, 35mm diameter loop at each end.

Mass: 0.05kg

Min Breaking Strength: 7.40kN (740kg)

SWL: 4.80kN (480kg)



WIRE SLING, 1.5MM DIA X 2M LONG

A wire sling that may be used to attach various tools to anchor points.

Features: Multistrand galvanized wire. Aluminium ferrules, stainless steel thimbles. Soft eye one end, rigid eye at the other end. Dimensions: 1.5mm diameter wire, 2000mm EWL, 30mm diameter loop at one end, rigid eye at the other end.

Mass: 0.05kg Min Breaking Strength: 1.55kN (155kg)

SWL: 1.00kN (100kg)



WIRE SLING, 2.0MM DIA X 2M LONG

A wire sling that may be used to attach various tools to anchor points.

Features: Multistrand galvanized wire. Aluminum ferrules, stainless steel thimbles. Soft eye one end, rigid eye at the other end.

Dimensions: 2mm diameter wire, 2000mm EWL, 30mm diameter loop at one end. Mass: 0.05kg

Min Breaking Strength: 2.40kN (240kg)

SWL: 1.50kN (150kg)



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MK4 HOOK AND LINE KIT

ST-M4HLK



WIRE SLING, 3.0MM DIA X 2M LONG

A wire sling that may be used to attach various tools to anchor points.

Features: Multistrand galvanized wire. Aluminum ferrules, stainless steel thimbles. Soft eye one end, rigid eye at the other end

Dimensions: 3mm diameter wire, 2000mm EWL, 30mm diameter loop at one end. Mass: 0.1kg

Min Breaking Strength: 5.50kN (550kg)

SWL: 3.50kN (350kg)



HOOK, SMALL SINGLE PLAIN

A hook that may be used for attaching the line to suspect devices, or creating anchor points for various tools.

Features: High strength stainless hook & mount.

Dimensions: 46mm L x 19.3mm W, 4mm thick, 12.5mm gape, external 3/8" bsf thread

Mass: 0.02kg

Min Breaking Strength: 0.55kN (55kg)

SWL: 0.30kN (30kg)



HOOK, MEDIUM SINGLE PLAIN

A hook that may be used for attaching the line to suspect devices, or creating anchor points for various tools.

Features: High strength stainless hook & mount.

Dimensions: 32.3mm OD, 21.1mm gape, external 3/8" bsf thread, Mass: 0.03kg

Min Breaking Strength: 1.05kN (105kg)

SWL: 0.70kN (70kg)



HOOK, MEDIUM DOUBLE PLAIN

A hook that may be used for attaching the line to suspect devices, or creating anchor points for various tools.

Features: High strength stainless hook & mount.

Dimensions: 70mm L x 32.3mm W, 4mm thick, 21.1mm gape, external 3/8" bsf thread,

Mass: 0.05kg

Min Breaking Strength: 2.00kN (200kg)

SWL: 1.50kN (150kg)



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MK4 HOOK AND LINE KIT

ST-M4HLK



HOOK LARGE SINGLE PLAIN

A hook that may be used for attaching the line to suspect devices, or creating anchor points for various tools.

Features: High strength stainless hook & mount.

Dimensions: 127mm L x 68.8mm OD, 4mm thick, 46.2mm gape, external 3/8" bsf thread,

Mass: 0.075kg

Min Breaking Strength: 1.75kN (175kg)

SWL: 1.20kN (120kg)



25MM EYE

An eye to allow the pulling line to be attached to the hook. To fit all hooks with external 3/8" BSF thread

Features: Forged stainless steel.

Dimensions: 3/8"BSF internal thread, 25mm ID eye

Mass: 0.05kg

Min Breaking Strength: 10.00kN (1000kg)

SWL: 7.20kN (720kg)



HOOK TRIPLE BARBED WITH KEYRING

A hook designed to attach the line to an object that must be manipulated.

Features: Hardened steel barb hook. Fitted with spring steel key ring for rope attachment.

Dimensions: 45mm L x 35mm W, Hook gape 15mm, key ring diameter 20mm

Mass: 0.05kg

Min Breaking Strength: 0.20kN (20kg)

SWL: 0.15kN (15kg)



TRIPLE BARB HOOK MOUNT FOR TELE POLE

A tool suitable for mounting Triple Barb Hook SE002304 to telescopic pole, Part No: SE002410, HL000101, SE003000, HL001705, HL001706.

Features: Nickel-plated brass, with nitrile O ring.

Dimensions: 80mm L x 12mm dia, 3/8" BSF thread,

Mass: 0.05kg



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SLIDING BAR CLAMP SYSTEM

Comes with 3 sets of feet to grip flat, a and round surfaces. Arms may be reversed to grip outwards. Bar fitted with eyes for rope attachment.

Features: Plastic body, steel bar, nickel plated brass and steel inserts.

Dimensions: Throat Depth 85mm
Clamping range 0-150mm
Expanding range 200 - 390mm

Mass: 0.95kg,

Min Breaking Strength: with inserts: 1.50kN (150kg),
without inserts: 0.50kN (50kg)

SWL: with inserts: 1.00kN (100kg), without inserts:
0.35kN (35kg)



SELF GRIP PLIERS WITH EYE

A self-locking 'mole grip' type pliers, which easily attaches to many objects. Fitted with eye for rope attachment. Features: Made from hardened steel and epoxy resin coated. Stainless steel eyebolt.

Dimensions: Max grip diameter 52mm. Overall length 250mm.

Mass 0.6kg

Min Breaking Strength: 2.20kN (220kg)

SWL: 1.50kN (150kg)



LIGHTWEIGHT SPRING GRIP

Spring loaded crocodile style clip which grips tightly when released.

Features: Zinc plated body, galvanized wire, aluminum ferrule, stainless steel thimble. Rigid eye for rope attachment.

Dimensions: 120mm overall length. Wire 1.5mm dia, 200mm long & Max opening 25mm.

Mass: 0.05kg

Min Breaking Strength: 0.20kN (20kg)

SWL: 0.15kN (15kg)



GANGWAY BRACE

A stainless steel telescopic pole that can be used to bridge door and window frames. Fitted with high strength lock mechanism, which can set the length to any setting.

Features: Rubber feet for gripping against surfaces. Hard stainless steel teeth for gripping against surfaces such as wood. Fitted with two eyes for attachment purposes.

Dimensions: Closed length 700mm, extended length 1100mm. 25mm diameter eyes.

Mass: 1.5kg

Min Breaking Strength: 0.90kN (90kg) fully extended, 1.50kN (150kg) fully retracted SWL: 0.60kN (60kg) fully extended, 1.00kN (100kg) fully retracted



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MK4 HOOK AND LINE KIT

ST-M4HLK



TELESCOPIC POLE FOR 3 HOOKS

5 section telescopic pole with locking collars. To accept spring gate hooks, part numbers SE002411 & SE002412 (using mount SE002429) and triple barb hook, part number SE002304 (using mount SE002428). Will also accept all hooks with 3/8" BSF mount.

Features: Glass fibre pole sections, plastic collars and stainless steel fittings. Nickel plated brass mount.

Dimensions: Closed length 800mm, extended length 3000mm.

Mass: 1kg

SWL: 0.70kN (70kg)



DOOR STOP PLASTIC WEDGE

Doorstop, which may be used to hold doors open.

Features: Rubber

Dimensions: Tapering from 1mm to 25mm, overall length 100mm.

Mass: 0.05kg



IEDD SKID PAN (SLEDGE)

Conical funnel, used for manipulating suspect devices over rough terrain.

Features: High visibility outer shell, with nylon fabric inner. Folds flat for easy storage. Velcro and brass poppers & eyes.

Dimensions: 500mm long, max funnel opening 300mm

Mass: 0.75kg



POCKET MULTI TOOL

A compact multi Product Overview tool, featuring: Needlenose Pliers, Regular Pliers, Wire Cutters, Hard-wire Cutters, 420HC Knife, 420HC Serrated Knife, Saw, Spring-action Scissors, Wood/Metal File, Diamond-coated File, Large Bit Driver (II), Small Bit Driver, Medium Screwdriver, Ruler (8 inch/19 cm), Bottle Opener, Can Opener, Wire Stripper. Comes with canvas pouch. Leatherman Wave, model no LT650/N

Features: Stainless steel, nylon pouch.

Dimensions: Closed 100mm, blade length 73.7mm

Mass: 0.24kg



RIGID TRANSPORTATION CASE

Rigid Plastic case with 'O' - Ring Gasket. With foam cutout inner. Materials: Ultra High Impact Copolymer Polypropylene main body, ABS latches, stainless steel pins, and a Neoprene gasket. Plastazote foam inner.

Dimensions (Inner): 908L x 343W x 133H, (Outer): 968L x 406W x 155H

Mass (empty): 7.7kg

Additional Details: Velcro mounted clear pouches in lid





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