



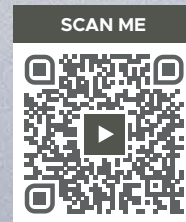
MILITARY CATALOGUE





OVERVIEW

The MAX9 represents the pinnacle of advanced mine-resistant ambush-protected (MRAP) vehicles, meticulously engineered to strike an unparalleled balance between protection, mobility, and firepower. With an unwavering commitment to crew safety, comfort, maintenance simplicity and affordability, the MAX9 is purpose-built to withstand blast levels typically encountered by larger and more expensive counterparts. With its remarkable adaptability, it excels in various roles such as command and control, APC, weapons platform, ambulance and recovery vehicle, ensuring suitability across a spectrum of operational scenarios from conventional warfare to counter-insurgency, peacekeeping and law enforcement.





CATEGORIES

M4

ARMoured PERSONNEL CARRIER

M5

SIX-WHEELER ARMoured PERSONNEL CARRIER



VEHICLE VARIANTS

Military APC



Command & Control



Customisable Weapons Platform & Recovery Vehicle



Ambulance



Police/Riot Control/Swat



PROTECTION

DESIGN FEATURES

- Monocoque hull
- V-shaped
- Ground clearance (380 mm)
- Overlaps
- Anti-spall glass
- Rubber coated interior

PROTECTION LEVELS

STANDARD

Ballistic: STANAG 4569: Level 1
Blast: STANAG 4569: Level 3a,3b
IED: 50kg at 3m from side

UPGRADE OPTIONS

Ballistic: STANAG 4569: Level 2
Blast: STANAG 4569: Level 3

MOBILITY

Terrain: Cross-country across cohesive sand and soils as experienced in the Africa region

Engine: Cummins ISB 6.7 litre turbo-diesel

Transmission: Allison 3500SP 6-speed auto

Transfer Case: Axletech T600

Axles: Axletech 3000 series

Suspension: Beam axles with leaf springs and hydraulic dampeners

Wheels: Four or six single wheels suitable for off and on-road conditions. Split rims with runflats.

Brakes: Pneumatic drum brakes with ABS

Electronics: 24V (two separate battery systems)

GVM: 9 500 kg

Tare: 7 500 kg

Payload: 2 000 kg

Maximum grade: 70 degrees

Ground Clearance: 380 mm

Range: 600 km (200 litres at 3 km per litre)

Maximum Speed: 115 km/h (140 km/h burst speed)

Transportable: Road, sea and air (vehicle has tie-down points)

FIREPOWER

- Turret Ready: AWS and manual options (7.62 mm/12.7 mm)
- Pintle Mounting
- Smoke grenade launchers
- Customisable to a range of client required weapons systems

CREW COMFORT & ERGONOMICS

- Ergonomic design for enhanced crew safety, comfort and convenience
- External storage bins for ammunition, water, medical supplies, personal kit, etc. (customisable)
- Five doors: 4 side & 1 rear - for easy

access (customisable)

- Roof hatches (customisable)
- Spacious interior with configurable seating arrangement (2-12 persons)
- Curved windscreen with increased situational awareness and reduced glare from interior and exterior lights
- Air conditioning system
- NBC system (upon request)

MAINTENANCE & LOGISTICS

- 12-month OEM warranty
- Operational and maintenance manuals
- Local maintenance training provided
- Components widely used in military and civilian heavy vehicles

- Spares readily available from global regional economic hubs if not available in-country.
- Interoperability as variants have the same base vehicle
- Various OEM support packages available.

SYSTEMS INTEGRATION

Client or SVI provided:

- Command and control Systems
- Navigation
- Communication systems (radios)
- Surveillance systems
- Jammers
- Shot-detection and location
- Medical equipment

KEY FACTS



RANGE
600 km



PROTECTION LEVEL
STANAG level 1-3



MOBILITY
4x4/6x6



CREW
9-12



TARGET MARKET
Military/Police



USES
Multi-function



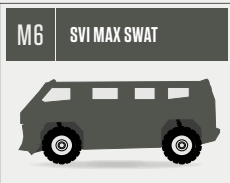
OVERVIEW

The SVI MAX SWAT is a versatile, high-performance vehicle, expertly crafted to excel in a wide range of critical roles, including border patrol, public order maintenance, command & control, tactical surveillance, SWAT and mobile assault and reconnaissance system (MARS) operations. Its 2-tonne payload capacity and expansive utility space allow for the transport of essential equipment, while an auxiliary power unit (APU) runs specialised systems such as ground radars and long-range day/night/thermal cameras. With the ability to carry a 12-man crew, the SVI MAX SWAT brings both mass and specialised capabilities to bear in any situation. Engineered for superior protection, situational awareness and exceptional mobility in both urban and rural environments, this vehicle is built for high-risk operations. Its customisable weapon- and system-carrying capabilities, combined with optimised crew ergonomics, ensure mission readiness. The armoured monocoque hull, large armoured glass windows and substantial side doors allow for rapid access and egress in all environments, providing a distinct tactical advantage. Economically, the SVI MAX SWAT is a smart investment, utilising commercial off-the-shelf (COTS) components and an Isuzu drivetrain to simplify maintenance and reduce lifecycle costs. Servicing can be performed at any Isuzu dealer within the Africa region. This ensures not only high performance but also sustained operational efficiency and a lower total cost of ownership.





CATEGORIES



PROTECTION

DESIGN FEATURES

- Monocoque hull
- Anti-spall glass
- Rubber coated insulated interior

PROTECTION LEVELS

STANDARD

Ballistic: STANAG 4569: Level 1
Blast: 2 x DM51 Grenades

UPGRADE OPTIONS

Ballistic: STANAG 1 & 2

MOBILITY

Terrain: Urban and rural terrain as found in the Africa region

Engine: Isuzu

Transmission: 6-speed (Allison 2500 Series)

Transfer Case: Isuzu

Axles: Isuzu

Suspension: Isuzu

Wheels: Four wheels suitable for on- and off-road conditions. Split rims with runflats.

Brakes: Air-over-hydraulic brake system with ABS

Electronics: 24V (two separate battery systems)

GVM: 12 500 kg

Tare: 9 000 kg

Payload: 2 500 kg

Ground Clearance: 300 mm

Range: 600 km

Speed: 80 km/h (restricted); 110 km/h (unrestricted)

Transportable: Road, sea and air (vehicle has tie-down points)

FIREPOWER

Customisable to a large range of client-selected weapon systems.

CREW COMFORT & ERGONOMICS

- Ergonomic design for enhanced crew safety, comfort and convenience
- Spacious interior with configurable seating arrangement (12 persons)
- Expansive utility space for equipment
- Highly customisable for the storage of ammunition, water, medical supplies, personal kit (roof and interior fitted rail system)
- Four doors - 2 front / 2 middle - for easy access (customisable)

- Roof hatches (customisable)
- Easily replaceable large split windscreen offering increased situational awareness and reduced glare from interior and exterior lights
- Air-conditioning system
- NBC system (upon request)

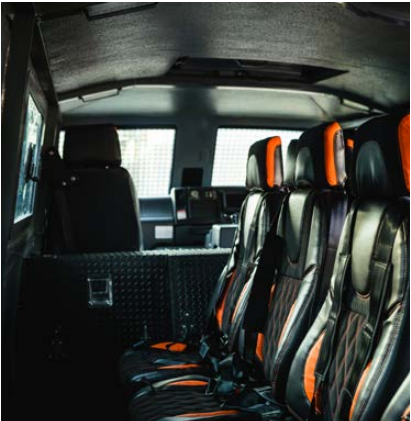
MAINTENANCE & LOGISTICS

- Servicing at any Isuzu dealer in the Africa region
- Commercial off-the-shelf (COTS) components
- 12-month OEM warranty
- Operational and maintenance manuals
- Local maintenance training provided

SYSTEMS INTEGRATION

Optional (SVI or CFE):

- Auxiliary power unit (APU)
- Hydraulic side doors
- Hydraulic anti-riot scraper
- Anti-riot mesh for windows
- Command and control systems
- Navigation
- Communication systems
- Telescopic mast
- Surveillance systems (optical & radar)
- Rapid access systems
- Jammers
- Shot-detection and location
- Medical equipment



KEY FACTS



RANGE
600 km



PROTECTION LEVEL
B6 Assault rifles up to 7.62x51 mm including AK47



MOBILITY
4x4



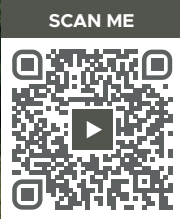
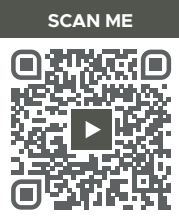
CREW
12



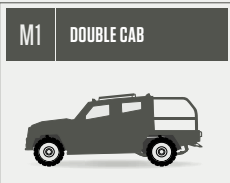
TARGET MARKET
Military/Police/ Correctional services/ Private security



USES
Multi-function



CATEGORIES



OVERVIEW

Built on the trusted Toyota Land Cruiser 79 series chassis, the SVI MAX 3 four-wheel range is a specialised series of 4x4 armoured vehicles designed for superior protection against assault rifles, while maintaining mobility and cost effectiveness. Unlike conventional up-armouring methods that add armour onto an existing vehicle, the MAX 3 range replaces the entire cabin with a bespoke, armoured version, ensuring consistent protection throughout the vehicle. Additionally, the cab-replacement design allows for customisation to meet various mission requirements, providing a versatile solution for military, law enforcement and private security needs.

PROTECTION

DESIGN FEATURES

- Entire original drivetrain while the crew compartment is replaced with a bespoke armoured cabin
- Consistent armoured protection across the entire vehicle
- Riot protection grids for windows (optional)
- Ballistic anti-spall windows
- Rubber-coated interior

PROTECTION LEVELS

B6 ARMOUR

Ballistic: assault rifle (7.62 x 39 mm; 5.56 x 45 mm; 7.62 x 51 mm)
Blast: 2 x DM51 grenades

MOBILITY

Terrain: Excels in all types of terrain, offering agility, speed and maneuverability in tight spaces, making it ideal for high-paced on- and off-road operations.

Chassis: Toyota Land Cruiser 79 series chassis

Wheel Configuration: 4x4

Engine: 4.5-litre, 8-cyl turbodiesel /2.8-litre, 4-cyl turbodiesel

Power: 151 kW/150 kW

Torque: 430 Nm/500 Nm

Gearbox: 5-speed manual/6-speed automatic

Suspension and brakes: Upgraded suspension, wheels, tyres and brakes (including runflats)

Payload (Double Cab): 400 kg

Payload (APC): 700 kg

Top-Speed: 140 km/h

**Detailed technical specification sheet available on request.*

FIREPOWER

- Turret ready: AWS and manual options (7.62 mm / 12.7 mm)
- Smoke-grenade launchers
- Automated mortar system (DC mortar variant: 60-82 mm)
- Other systems customisable according to client requirements

CREW COMFORT & ERGONOMICS

- Retains the original Toyota dashboard and driver interface
- Roof hatches (customisable)
- Spacious interior with configurable

seating arrangement (2-8 persons)

- Large windows for increased situational awareness and reduced glare from interior and external lights
- Air conditioning system (single for DC and twin for APC)

MAINTENANCE & LOGISTICS

- Standard Toyota driveline simplifies maintenance procedures.
- Widespread availability of Toyota spare parts.
- Maintenance and repair through local Toyota agents or Toyota-knowledgeable technicians.
- Lower maintenance cost compared to

custom-designed chassis

- 12-month OEM warranty
- Operational and maintenance manuals
- Local maintenance training provided
- Interoperability as variants have the same base vehicle

SYSTEMS INTEGRATION

- Client or SVI provided:
- Command and control Systems
 - Navigation
 - Communication systems (radios)
 - Surveillance systems
 - Jammers
 - Shot-detection and location
 - Medical equipment

KEY FACTS



PROTECTION LEVEL
B6 Assault rifles up to 7.62x51 mm including AK47



MOBILITY
4x4



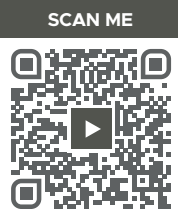
TARGET MARKET
Military/Police/Correctional services/Private security



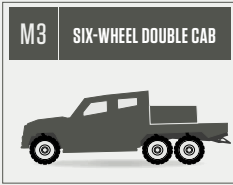
USES
APC/Tactical/Rapid response



CREW
4-8



CATEGORIES



OVERVIEW

The SVI MAX 3 6x6 range builds on the strengths of the MAX 3 4x4 series. By integrating a third axle into the Toyota Land Cruiser 79 chassis, the 6x6 facilitates a larger payload in terms of size and weight, while bolstering stability in challenging terrain and conditions. This allows for a number of cost-effective, mission-specific variants for both on- and off-road use.

PROTECTION

DESIGN FEATURES

- Entire original drivetrain while the crew compartment is replaced with a bespoke armoured cabin
- Consistent armoured protection across the entire vehicle
- Riot protection grids for windows (optional)
- Ballistic anti-spall windows
- Rubber-coated interior

PROTECTION LEVELS

B6 ARMOUR

Ballistic: assault rifle (7.62 x 39 mm; 5.56 x 45 mm; 7.62 x 51 mm)
Blast: 2 x DM51 grenades

MOBILITY

Terrain: Similar to its 4x4 counterpart, the SVI MAX 3 6x6 range excels across all terrain, offering agility, speed and maneuverability in tight spaces, but with an added load-carrying capacity and enhanced stability.

Chassis: Toyota Land Cruiser 79 series chassis

Wheel Configuration: 6x6

Engine: 4.5-litre, 8-cyl turbodiesel /2.8-litre, 4-cyl turbodiesel

Power: 151 kW/150 kW

Torque: 430 Nm/500 Nm

Gearbox: 5-speed manual/6-speed automatic

Suspension and brakes: Upgraded suspension, wheels, tyres and brakes (including runflats)

Payload: 1 500 kg

Top-Speed: 140 km/h

**Detailed technical specification sheet available on request.*

FIREPOWER

Customisable to a large range of client-selected weapon systems.

CREW COMFORT & ERGONOMICS

- Retains the original Toyota dashboard and driver interface.
- Roof hatches (customisable)
- Spacious interior with configurable seating arrangement (2-8 persons)
- Large windows for increased situational awareness and reduced glare from interior and external lights
- Air conditioning system (single for DC and twin for APC)

MAINTENANCE & LOGISTICS

- Standard Toyota driveline simplifies maintenance procedures.
- Widespread availability of Toyota spare parts.
- Maintenance and repair through local Toyota agents or Toyota-knowledgeable technicians.
- Lower maintenance cost compared to custom-designed chassis
- 12-month OEM warranty
- Operational and maintenance manuals
- Local maintenance training provided
- Interoperability as variants have the same base vehicle

SYSTEMS INTEGRATION

Client or SVI provided:

- Command and control Systems
- Navigation
- Communication systems (radios)
- Surveillance systems
- Jammers
- Shot-detection and location
- Hydraulic riot scraper

KEY FACTS



RANGE
600 km



PROTECTION LEVEL
B6 Assault rifles up to 7.62x51 mm including AK47



MOBILITY
6x4/6x6



CREW
2-4



TARGET MARKET
Military



USES
Weapons platform



CATEGORIES



OVERVIEW

The SVI LC79 Tactical armouring kit is the ideal solution for those who require a quick turnaround time and a low-cost combination of mobility, protection and firepower. It is an up-armouring solution engineered to offer comprehensive Level B6 protection for the cabin against assault-rifle calibres such as 5.56 x 45 mm, 7.62 x 39 mm and 7.62 x 51 mm. A Level B6 ballistic-protected gun station with a manually rotatable turret, which provides additional supporting firepower, is optional.

PROTECTION

DESIGN FEATURES

- Up-armoured driver cab
- Armoured tactical gun tower and manual turret

PROTECTION LEVELS

B6 ARMOUR

Ballistic: assault rifle (7.62 x 39 mm; 5.56 x 45 mm; 7.62 x 51 mm)
Blast: 2 x DM51 grenades

MOBILITY

Terrain: Excels in all types of terrain, offering agility, speed and maneuverability due to its light weight.

Chassis: Toyota Land Cruiser 79 series chassis

Wheel Configuration: 4x4

Engine: 4.5-litre, 8-cyl turbodiesel /2.8-litre, 4-cyl turbodiesel

Power: 151 kW/150 kW

Torque: 430 Nm/500 Nm

Gearbox: 5-speed manual/6-speed automatic

Suspension and brakes: Upgraded suspension, wheels, tyres and brakes (including runflats)

Payload: 1 500 kg

Top-Speed: 140 km/h

**Detailed technical specification sheet available on request.*

FIREPOWER

Armoured tactical gun tower and manual turret (7.62 /12.7/14.5 calibre machine guns)



CREW COMFORT & ERGONOMICS

Standard Toyota interior

MAINTENANCE & LOGISTICS

- Standard Toyota driveline simplifies maintenance
- Widespread availability of Toyota spare parts.
- Maintenance and repair through local Toyota agents or Toyota-knowledgeable technicians.
- Lower maintenance cost compared to custom-designed chassis

SYSTEMS INTEGRATION

Client or SVI provided:

- Navigation
- Communication systems



KEY FACTS



RANGE
600 km



PROTECTION LEVEL
B6 Assault rifles up to 7.62x51 mm including AK47



TARGET MARKET
Military/Police



MOBILITY
4x4



USES
Tactical/Rapid response



CREW
3



CATEGORIES

S3 SINGLE CAB



S4 EXTENDED CAB



S5 DOUBLE CAB



INFORMATION



STOPGUN V2.0
ENHANCEMENTS

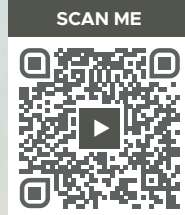
No double-door system
as armour is in door

Semi-discreet and
user friendly

Curtain airbag
remains active

STOPGUN V3.0
ENHANCEMENTS

Standard side windows
cover armoured glass



KEY FACTS



**DRIVER'S WINDOW
OPENING**
Fixed



***PROTECTION LEVEL**
B6 Assault rifles
up to 7.62x51 mm
including AK47



**BUILD AND
INSTALLATION TIME**
Build: 4 weeks
Installation: 2 weeks



MATERIALS USED
38 mm armoured
(flat) glass and steel
armoured plates



TARGET MARKET
Security, mining,
valuables in transit



MASS ADDED
650 kg for a
double cab



BODY STYLE
Body-on-chassis
vehicles only

*Also available in B4+ (Ak47 only).



CATEGORIES

C6

SUV



INFORMATION

FEATURES



Full suspension upgrade included as standard

Driver-assistance systems remain fully functional

Bulkhead sited further towards rear than before

SPECIAL ESCAPE HATCH



Rear bulkhead features smartly integrated escape hatch:

Easy-to-use lever activated system

Bulkhead's armoured glass drops away

Opening allows occupants to enter boot area

Escape is thus possible via tailgate or standard rear glass



KEY FACTS



DRIVER'S WINDOW OPENING
±150 mm



PROTECTION LEVEL
B6 Assault rifles up to 7.62x51 mm including AK47



BUILD TIME
±3 months



MATERIALS USED
38 mm armoured (curved) glass and steel armoured plates



TARGET MARKET
Ultimate discreet civilian protection



TOTAL MASS
750 kg



OPTIONS
B6 roof, B6 floor, heavy-duty runflat rings and more



WHAT IS FLATS OVER™



Flexible, solid rubber ring split in two halves

Cable structure to tighten around rim inside tyre

Forms a tiny "spare wheel" inside each tyre



CERTIFICATIONS

MILLBROOK

VSAG-12

Awarded by Millbrook, England.



FINABEL

Awarded by TÜV Nord, Germany.



CESVI

Awarded by CESVI BRASIL/RCAR, Brazil.



PROTECTION

- Wheel damage during sudden tyre pressure loss
- Ballistic attacks (fully functional after multiple direct gunshots)
- Spikes on the road
- Minimises pot-hole damage
- Full control of vehicle when tyres are deflated
- Traction on driven wheels when tyres are deflated



TECHNICAL SPECIFICATIONS

In case of complete tyre deflation, Flats Over™ safety band supports the full mass of the vehicle:

- Certified to 100 km at 50 km/h
- Recommended top speed: 100 km/h with deflated tyres
- 16 – 23 inch wheel size
- Compatible with tyre-pressure-monitor systems
- Wheels can be fully balanced



HIGH PERFORMANCE LINE



SIZE: 16 – 23 INCH

Product used in armoured and conventional passenger vehicles, trailers, Class B and C Motorhomes, and other vehicles with 16 – 23 inch wheels and tyres.



INSTALLATION

- No special tools needed
- Can be fitted to most rim types
- Can be installed by the majority of tyre shops after training
- Installation video: www.svi.co.za/media/videos



SCAN ME





PURPOSE



Become a highly-skilled armoured vehicle driver

Understand the capabilities of your armoured vehicle

Execute advanced driving techniques during hostile situations

Protect lives



TARGET MARKET



Law enforcement

Security segment

Valuables in transit industry

Mining



TRAINING MODULES



Module 2 SASSETA accredited

Five days to cover 5 modules

Option to choose individual modules

MODULE 1

THEORETICAL ARMoured VEHICLE DYNAMICS

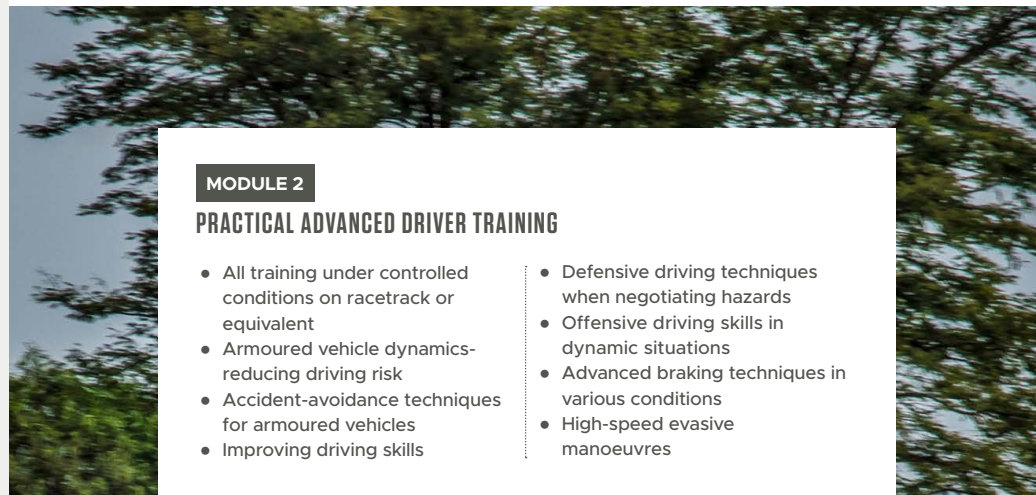
- Dynamic differences between armoured and standard vehicles
- Identifying armouring levels
- Understanding the protection level
- Caring for your armoured vehicle



MODULE 2

PRACTICAL ADVANCED DRIVER TRAINING

- All training under controlled conditions on racetrack or equivalent
- Armoured vehicle dynamics-reducing driving risk
- Accident-avoidance techniques for armoured vehicles
- Improving driving skills
- Defensive driving techniques when negotiating hazards
- Offensive driving skills in dynamic situations
- Advanced braking techniques in various conditions
- High-speed evasive manoeuvres



MODULE 3

4x4 TRAINING WITH AN ARMoured VEHICLE

- Understanding of the various 4x4 chassis, suspension, and drivetrain configurations
- Identifying the range of features and capabilities of a 4x4 vehicle
- 4x4 vehicle preparation
- Practical 4x4 training on an off-road course



MODULE 5

LEGAL ASPECTS

- How to legally protect oneself and others
- Understand the legal obligation in using force
- Statutory legal requirements and liability of armoured-vehicle drivers
- Road Traffic Act
- Occupational Health and Safety Act



MODULE 4

TACTICAL DEPLOYMENT

- Information evaluation to identify possible threats
- How to formulate a route plan in accordance with the transit-risk profile
- Formulation of contingency plans to counter specific and non-specific threats
- Identify concealed hazards/threats
- Neutralising threats by using tactical vehicle movements
- Tactical convoy techniques



