

## Export

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# SA-TSS Self-Adjusting Stabilisation System

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The SA-TSS Self-Adjusting Stabilisation System is designed to stabilise damaged or overturned vehicles by effectively neutralising suspension movement, including springs and shock absorbers.

By creating a rigid structural block between the vehicle chassis and the ground, the system ensures a secure and controlled working environment for rescue operations.

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## Opis produktu:

Its self-adjusting mechanism enables rapid adaptation to uneven surfaces and varying vehicle positions, including rollovers and roof-rest scenarios. The modular design allows flexible configuration using multiple wedge sizes, ensuring precise stabilisation across a wide height range. Lightweight construction and ergonomic handling allow operators to deploy and reposition units quickly, even in high-pressure rescue environments.

## Key Features

- Self-adjusting stabilisation system for rapid deployment
- Neutralises suspension, springs, and dampers to create a rigid base
- Effective in rollover and roof-rest vehicle scenarios
- Adjustable working range from 7 cm to 38 cm
- Modular configuration with multiple wedge sizes
- Lightweight design enabling manual transport (2 units per hand)
- Engineered for high-load resistance under compression testing

## Primary Applications

- Vehicle stabilisation
- Road traffic collision rescue
- Overturned vehicle support
- Technical rescue operations
- Fire & rescue extrication

## Product-Market Insight



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The SA-TSS system provides a highly adaptable and field-proven stabilisation solution for rescue teams operating in complex and unpredictable environments. Its combination of mechanical simplicity, high load capacity, and rapid deployability makes it particularly valuable for international markets prioritising safety, efficiency, and operational speed during vehicle extrication.

### Technical data

Specification	Value
System Type	Self-adjusting stabilisation wedges
Length	36 cm
Width	12 cm
Height	20 cm
Weight	6 kg
Working Range	7 - 38 cm
Maximum Load (Fmax)	10,299 kg
Compression Resistance	23.8 kg/cm <sup>2</sup>
Material	Birch wood (Abedul)
Configuration	Modular wedges (24×12, 18×12, 12×12 cm + adjustable unit)

### Compliance & Certification

Compression resistance tested by AIDIMME laboratory