Rescue Strut ALU-STRUT 1100

The Rescue Strut ALU-STRUT 1100 is a lightweight aluminium rescue strut system designed for rapid vehicle stabilisation in technical rescue operations.
It combines reduced weight with reliable load capacity, enabling fast deployment and efficient handling in demanding rescue scenarios.

KEY FEATURES

- **Lightweight aluminium construction** reduces operator fatigue and enables faster deployment on scene.
- **Corrosion-resistant design** ensures durability in harsh and demanding operational environments.
- **Telescopic height adjustment** allows precise and rapid adaptation to various stabilisation scenarios.
- **Spring-loaded ratchet mechanism** enables quick, secure positioning while protecting internal components from contamination.
- **Integrated 5-ton tensioning strap** enhances stabilisation and provides additional anchoring capability.
- **Ergonomic strap retractor** allows smooth and controlled operation even when wearing protective gloves.
- **Anti-uncontrolled deployment system** prevents accidental strap release and improves operational safety.
- **Interchangeable head system** supports flexible configurations for complex rescue situations.
- **Universal base with anchoring option** ensures stability on different surfaces and terrains.
- **Transport hook interface** facilitates easier handling and equipment management during operations.
- **Dual-strut set configuration** enables effective multi-point stabilisation.



PRIMARY APPLICATIONS

- Road traffic accidents (RTA / extrication)
- Vehicle rollover stabilisation
- Urban technical rescue
- Industrial rescue operations
- Support in structural stabilisation (light duty)

PRODUCT-MARKET INSIGHT

The **Rescue Strut ALU-STRUT 1100** is designed for rapid vehicle stabilisation where low weight and fast handling are critical. It is widely used by fire brigades and rescue teams in road traffic accidents and urban operations, offering a lightweight, efficient alternative to heavier stabilisation systems while maintaining reliable performance in typical rescue scenarios.

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MANUFACTURER

Rescue Strut ALU-STRUT 1100

TECHNICAL DATA

Parameter	Value
Length (per strut)	1160 – 1970 mm
Adjustment increment	4 cm
Load capacity	1100 kg
Strap length	5 m
Strap loop capacity	5 t
Weight	approx. 8.4 kg

OPERATIONAL BENEFITS

- Faster deployment due to reduced weight
- Improved manoeuvrability in confined rescue environments
- Enhanced rescuer safety through stable load control
- High adaptability across diverse rescue scenarios
- Reliable performance with optimal weight-to-strength ratio



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