

Turntable Ladder Magirus M32L-AS

100433

Advantages & special features of the M32L-AS

The Magirus M32L-AS turntable ladder with its new, patent pending Magirus single extension system enables to first extend only the top section of the ladder - only then all the other ladder sections. The improvement of weight distribution over the axles, the relief of rear axle and a basic reduction of the total weight of the vehicle allows more payload for more technical fire-fighting equipment.

Furthermore it comes with more outreach thanks to reduction of weight on the ladder top while offering 32 m operating height and 4.7 m articulated arm. Further characteristics are the increased water output of up to 2,500 l thanks to new water piping as well as shorter set-up times. All benefits of the Magirus turntable ladder technology are also valid for this innovative ladder.

Technical specifications

- Chassis: 16 t class chassis (e.g. IVECO MAGIRUS EuroCargo 160 E 30 4x2) or similar chassis from other manufacturers
- Engine power: 220 kW / 299 HP
- Wheelbase: 4,815 mm
- Cabin + Seats: All wheel technology 1 + 2
- Gross vehicle weight: 15,000 /16,000 kg

Superstructure:

- Rescue height: 30.5 m
- Working height: 32 m
- Rescue cage RC300: 3 persons

Concept:

- Working height: 32 m
- Rescue cage: RC300 for 3 persons / 300 kg
- Chassis: Appropriate two-axle chassis, 16 t class
- Ladder set: 4-sections
- Articulated arm technology: Articulated arm 4.9 m

Standard Equipment:

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- 4-section ladder set with Magirus CS (Computer Stabilization) and patented single- extension system
 - Articulated arm with a penetration depth of up to 4.9 m allows reaching emergencies in narrow city centres, winding, contorted industrial facilities and below ground-level areas
 - VARIO jacking system
 - Large-volume equipment locker plus podium set-up with new design layout
 - Ergonomic main control stand
 - Water piping with a capacity of up to 2,500 l/min.
 - Rescue cage for 3 persons / 300 kg with central control stand and practical entry doors in front cagecorners
 - Increased safety at the scene by powerful LED lighting
 - Display indicators and computer monitoring for easy and safe operating

Options

- Rescue cage RC400, 4 persons, pre-piped with monitor
 - Autopilot: Memory control, shaft rescue function, automatic ladder rest position
 - Remote diagnostic system
 - Thermal imaging / real imaging camera on rescue cage
 - Swivel device for stretcher: 200 kg
 - Crane device up to 4,000 kg on lower ladder section
 - Manual monitor and electric controlled water monitor, mountable or permanently integrated
 - Load eye for the transport of loads or rescue of oversized persons with heavy duty stretcher:
- Load eye on cage floor RC300: 300 kg
- Load eye RC400: 400 kg
- Load eye on top ladder section: 400 kg
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- Mounting for positive pressure ventilator on rescue cage
 - Descent device on the cage
 - Foldable seat in the cage RC 400
 - Exterior design and painting options
 - Power supply to the cage and several lightings
 - Wide ranging additional equipment available

