

## Turntable Ladder Magirus M42L-AS

100437

The Magirus M42L-AS articulated turntable ladder is now the highest articulated ladder in the world, combining the reliability of Magirus turntable ladders with the benefits of articulation at heights greater than any achieved in the past.

### Advantages & special features of the M42L-AS

The Magirus turntable ladder M42L-AS 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 ensure more payload for more technical fire-fighting equipment. The Magirus M42L-AS impresses with more outreach thanks to reduction of weight on ladder top. The operating height is 42 m as well as 4.7 m articulated arm without telescop. Some of the assets of this turntable ladder 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: 18 t class chassis (e.g. IVECO MAGIRUS EuroCargo 180 E 30 4x2) or similar chassis from other manufacturers
- Engine power: 220 kW / 299 HP
- Wheelbase: 5,670 mm
- Cabin + Seats: All wheel technology 1 + 2
- Gross vehicle weight: 18,000 kg

#### Superstructure:

- Rescue height: 40.7 m
- Working height: 42.2 m
- Rescue cage RC300: 3 persons

### Options

- Rescue cage RC400, 4 persons, pre-piped for monitor
- Autopilot: Memory control, shaft rescue function, automatic ladder rest position
- Remote diagnostic system
- Thermal imaging / real imaging system
- Swivel device for stretcher: 270 kg
- Crane device for lifting and lowering loads of max. 4,000 kg
- Manual or electric controlled water monitor, mountable or permanently integrated

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- Load eye for the transport of loads or rescue of oversized persons with heavy duty stretcher:

- Load eye on cage floor RC 300: 300 kg
- Load eye on cage floor RC 400: 400 kg
- Load eye on top ladder section: 500 kg

- Mounting for positive pressure ventilator on rescue cage
- Descent device on the cage
- Foldable seat in the cage RC400
- 2-person lift, 180 kg
- Anemometer
- Exterior design and painting options
- Power supply to the cage and several lightings
- Wide ranging additional equipment available

