

## KONE MR HOISTING UNITS

# Modernisation of elevator hoisting

**Fast installation**

The KONE MR hoisting units are designed for modular modernisation of elevators in residential, hotel and office buildings. These hoisting units have been designed to minimise installation time. The adapter bedplate enables replacement of most old hoisting units without engineering and welding on site. The adapter bedplate is added between the old bedplate and adjusted for the new hoisting unit.



*This modular hoisting unit solution is designed for quick installation when modernising elevators in residential, hotel and office buildings.*

*\* MR 12/17 shown above*

**KEY BENEFITS**

Complete modernisation solutions for hoisting machines

**Safe**

- Complies with EN81-80 safety codes
- Asbestos-free brake linings
- Equipped with dual-action independent brakes. One brake shoe ensures stoppage of elevator with full load.
- Exceptional ride comfort and leveling accuracy

**Reduced downtime**

- Minimised installation time and easy maintenance
- KONE adapter bedplate enables replacement of most old hoisting units without engineering and welding on site

**Flexible**

- Core package consists of hoisting machine, bedplate and ropes
- Optional: ascending car overspeed protection together with rescue kit for manual passenger release in event of power failure

**Reliable**

- Typical hoisting function lifetime - 25 years

**Flexible solution**

The KONE hoisting unit solution consists of the core package, with optional additional components available. The core package includes the MR hoisting unit and the machinery electrification, bedplate and ropes.

The MR gears are compact, high-performance hoisting units. They are available with several motor sizes and traction sheave diameters, depending on the desired speed and load. The hoisting machines are fitted with dual action brakes which activate independently. One brake shoe is enough to stop the elevator with a full load.

**Optional equipment**

The optional equipment includes the diverting pulley, rope fixings, isolation pads, overspeed governor, tension weight and buffers. The overspeed governor can be adjusted for either 0.63 or 1.0 m/s, or for other nominal speeds.



	MR12		MR17		MR21		MR26		MR35	
Roping ratio	1:1	2:1	1:1	2:1	1:1	2:1	1:1	2:1	1:1	2:1
Speed (max)	1 m/s	1 m/s	1.78 m/s	1.78 m/s	2.17 m/s	1.87 m/s	2.14m/s	1.75m/s	2.01m/s	1.00m/s
Load (max)	630kg	1000kg	1000kg	2000kg	1350kg	2500kg	2000kg	3200kg	2500kg	5000kg



For more information go to [www.kone.co.uk](http://www.kone.co.uk)