

## Type 4.1 Specification Sheet

### Economical crane BMU on a horizontal track system

The Manntech™ Type 4.1 building maintenance units tend to have a longer reach and heavier suspended loads for the main cradle and material hoist. The Type 4.1 model is economical due to its simple design yet provides added functionality. This model of track-based building maintenance unit is suitable for buildings with limited space on the roof for the installation of a track mechanism.

Where track gauge allows, the track mechanism can either be independently laid (i.e. without penetration of roof membrane and compression load only on the support points, optionally insulated decoupling) or implemented as an anchored rail system for transmission of tension loads. If required, the building maintenance unit can be steered into a garage or parking position using a shunting car.



#### Key Features

- Automation ready, fully digital BMU
- Lowest life-cycle costs and maximum availability due to predictive maintenance systems
- Remote monitoring for convenient building management
- Control system with the highest safety level worldwide
- Offers more functionality due to additional optional features

#### Specifications

Hoist mechanism	EN 1808 Manntech 4-rope multi-position safety
Rated working load (standard)	240-500 kgs
Height coverage (standard)	125-270m
Rope diameter	7-10mm
Rope safety factor according to EN 1808	>12
Lifting speed	~11m/min
Traversing speed	~10-15m/min
Power cable	Optional
Cradle	+/- 45° Slewing function of cradle (optional)

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