



# Building Maintenance Units - RC-T101

*Brochure roof cars*

*Fall Protection*

*Building Maintenance Units*

*Suspended Platform Systems*

*Scaffolding Systems*

*Suspended Access Rental*

**XSPlatforms®**



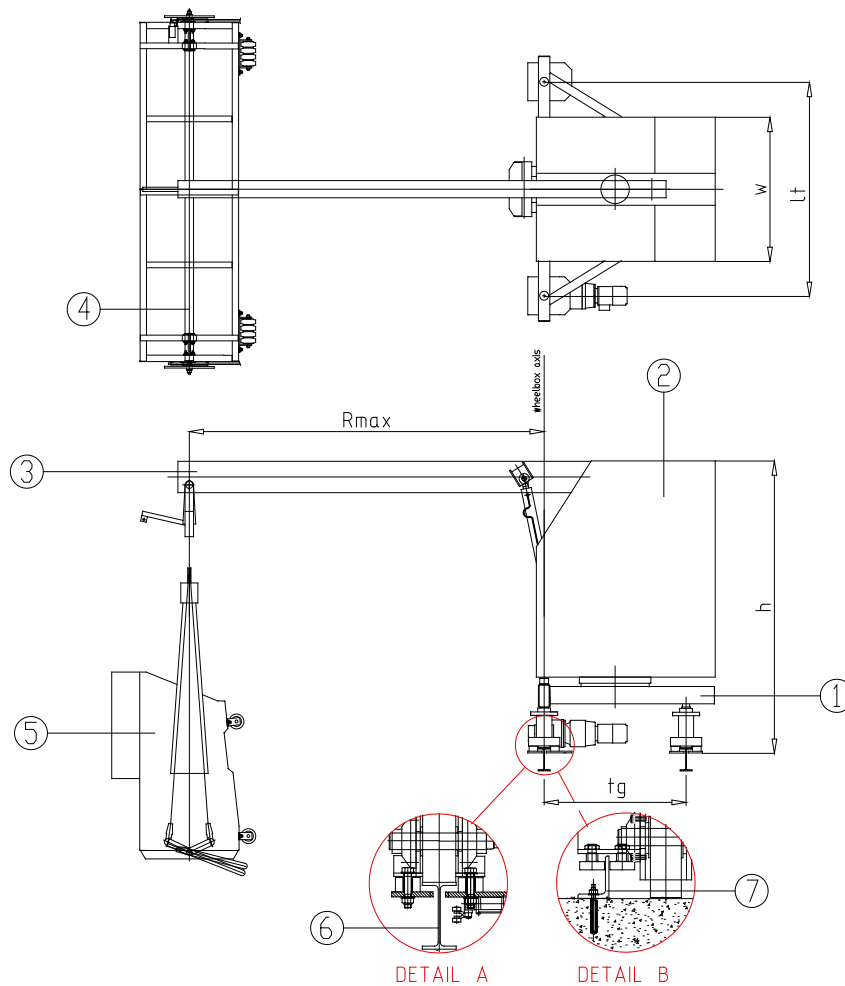
# Roof car RC-T101

## Product description

BMU RC-T101 for façades maintenance and cleaning is designed and manufactured according to European Regulations EN 1808. RC-T101 can be used on buildings up to 100 meter (328 ft) height, maximum outreach is 3 meter (9'10<sup>1/8</sup>"). Undercarriage is designed on 3 wheels with 1 driven wheel and track gauge of 1 meter (3'3<sup>3/8</sup>"). The undercarriage is composed of a metal frame with steel motorized wheels which can traverse around the building roof along an anchored rail track, a free laid rail track or a concrete path.

## Main components

- 1 - undercarriage
- 2 - upper frame
- 3 - jib
- 4 - fixed balancer
- 5 - gondola
- 6 - track (detail A)
- 7 - guiding profile (for trackless version – detail B).



## Technical information

	mm	inch
OutReach (Rmax)	max. 3000	9'10 <sup>1/8</sup> "
Track gauge (tg)	1000	3'3 <sup>3/8</sup> "
Length of trolley [between wheels] (lt)	1500	4'11 <sup>1/16</sup> "
Height of roof car (h)	~2050	~67'3 <sup>1/16</sup> "
Width of upper frame (w)	~1010	~33'1 <sup>5/8</sup> "

## General characteristics

· Safe working load (BMU)	up to 250 kilogram (551 lbs)
· Control system	power cable (up to 60 meter (196'10 <sup>3/16</sup> " height), E-cable or RF – Radio Frequency (60 – 100 meter (196'10 <sup>3/16</sup> " - 328 ft) height)
· Power source	3Ph 318~415 Volt, 50 Hertz
· Control voltage	24 Volt
· Type of jib movement	hydraulic cylinders
· Type of finish	painted and parts galvanized 5 years standard guarantee
· Colour of units	choice of RAL colours
· Traversing speed	12 meter (40 ft)/minute
· Turning speed	12 meter (40 ft)/minute
· Hoisting speed	9-18 meter (30-60 ft)/minute
· Wire rope diameter	from 6 millimeter (0 <sup>4/16</sup> " ) (according to project requirements or client request)
· Rope safety factor	min. 12
· Type of undercarriage	3 wheels (1 driven wheel)
· Cradle/platform	standard

## Safety features

· Lower limit safety switch	· Broken wire safety device
· Upper limit safety switch	· Lose wire rope safety device
· Emergency stop switch	· Slewing safety switch
· Traversing safety switch	· Overload safety device
· Emergency descent control (power loss)	· Power cable limit switch
· Over-speed safety device	· End of wire rope safety switch

### Additional accessories

- Turnable balancer; maximum reach 2,5 meter (8'2<sup>7</sup>/<sub>16</sub>'')
- Water tank min 30 liters (6.6 gallon) c/w drain cock, all rust free type
- Safety harness (full body type) c/w lanyard

### Conform to standards

- To all Dutch safety codes
- European Union - EN 1808 (we also comply with every country (non European) standards)
- XSPlatforms is certified to ISO 9001:2000, all XSPlatforms products comply



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# Access to Innovation

In over fifteen years, XSPlatforms has built up a convincing track record in developing smart solutions for facade access. We offer the widest range of products and solutions. What is more, our customers can confidently expect us to understand their business, and to come up with innovative answers to increasingly complex questions, time and again. As a result, we have become the partner of choice for so many discerning customers, providing solutions for some of the most complex structures around the world and facilitating work on more than 2,000 roofs (and counting). We care for our customers, in every sense. And that is why we develop and engineer our products as though our lives depended on them.



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