

ROSTEK CRADLE

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BMU1/BMU2

Unit Cradles can be used in conjunction with Rostek Monorail Access Systems.

Rostek Unit Cradles work perfectly with Rostek Monorail Access Systems and Roof Trolley Systems, but they can also be suspended from davits or gantries.

HOW IT IS USED

Unit cradles can range from a one person cradle to platforms four metres in length. All cradles are lightweight and made with high-grade aluminium profiles with galvanised steel frames and stainless steel fasteners. The Building Maintenance Unit Cradle is a cost effective option for facade access - especially when there is limited rooftop space. As well as general fall arrest use. It can be installed onto concrete or steel structures.

There are three cradle options available; BMU1 (one person), BMU2 (two persons) and Modular Suspended Platforms (multiple people) to ensure a solution that is fit for purpose and makes economic sense.

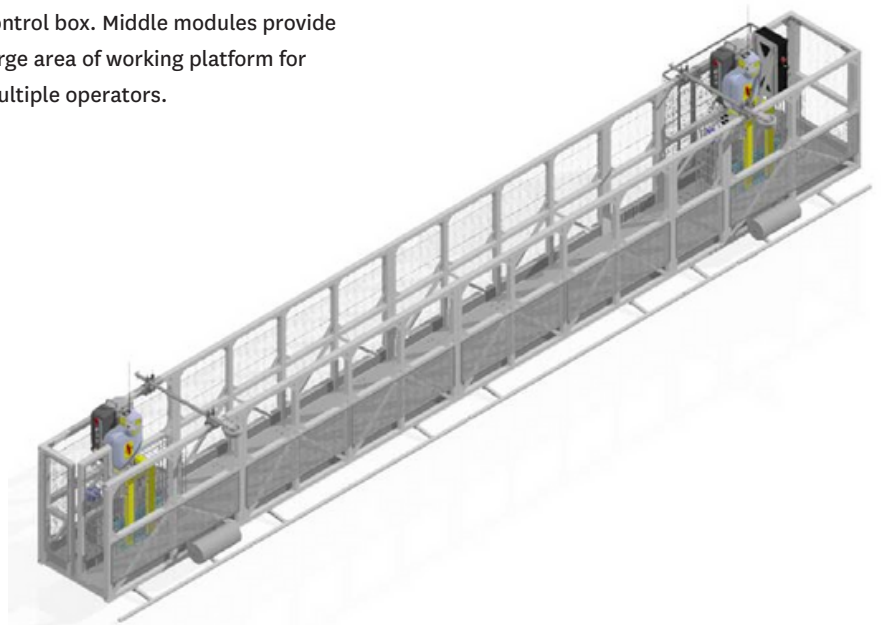


HOW IT WORKS

Our BMU1 Cradle for one person is designed to access smaller areas of facade where it would be difficult or impossible to fit the larger 2-Hoist BMU Cradle.

BMU2 Cradle is a two-person Building Maintenance Unit which is equipped with two traction hoists and wire winders on both ends of the cradle.

Modular Suspended Platform (MSP) is a light-weight, self propelled platform, which can be assembled to any length between 5ft to 40ft. End modules consist of hoist, wire winder, cable bin and control box. Middle modules provide large area of working platform for multiple operators.



PERFORMANCE

Rostek Unit Cradles are designed and tested according to EN1808. Rostek BMU Cradles work perfectly with Rostek Monorail Access Systems and Roof Trolley Systems, but they can also be suspended from davits or gantries.

INSTALLATION

Installation must only be carried out by persons trained and certified to set up such equipment. NZQA unit standard 26549 or similar.

MAINTENANCE

Rostek Unit cradles must be certified every 12 months by an Accredited Rostek Certification technician. All of the exposed materials in the system have specified as naturally corrosion resistant, or have been coated with sacrificial coatings to prevent oxidation of the base material. It is important to consider that in some environments the system may need to be cleaned to gain the best possible life expectancy from the materials.

WARRANTY

Warranty for 10 years and 2 years installation.



ENVIRONMENTAL

Alta Safety is committed to reducing its impact on the environment.

We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment. Our commitment to the environment extends to our customers, our staff, and the community in which we operate. We are committed to supplying products with primary components made of recyclable material and is supplied with minimum packaging to retain its structure and integrity during transit.

We will continually measure our environmental impacts and aim to reduce these impacts.



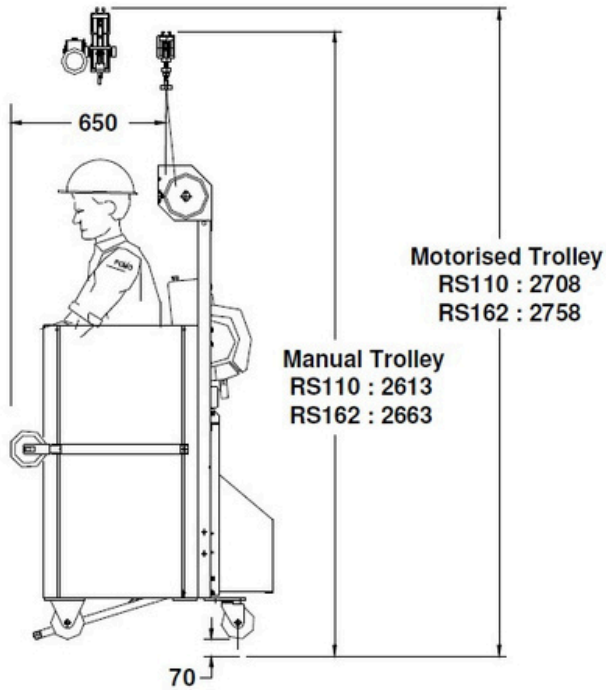
Technical Drawing

Rostek BMU1 - RO07722

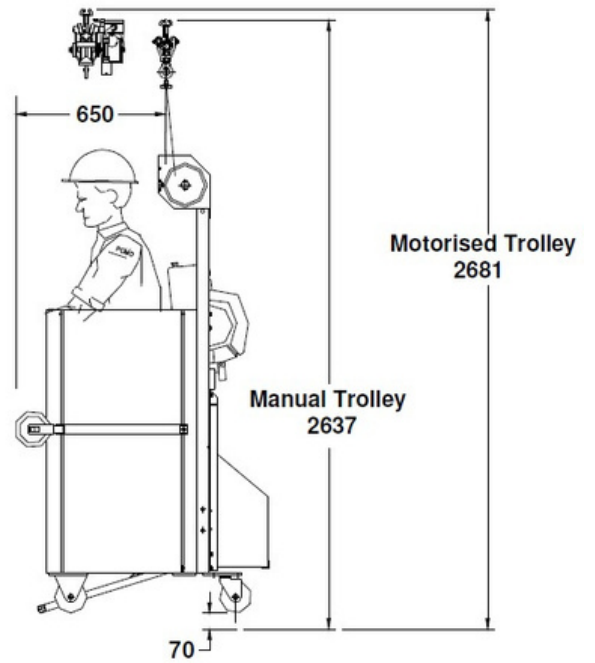


Dimensions	2.5m x 1.1m x 0.7m
Total Weight	170kg
Working Load Limit	120kg or 1 person
Wire Winder Capacity	70m
Power Supply	3 phase, 400V/50Hz
Material	HDG Steel and Aluminium
Hoist	Titan traction hoist, Lifting speed 8.5m/min
Accessories	Wall support rollers, Wall support wheels, Pull-In System for negative facades, Cable bin, Overspeed Device, Power Supply Socket, Powder Coated Cladding, Horizontal Movement Controls
Description	BMU1 is a single person Building Maintenance Unit which is equipped with one traction hoist and a wire winder. Steel and Aluminum structure make it strong and light. Rostek BMU1 is designed and tested to conform with the EN 1808 standard.

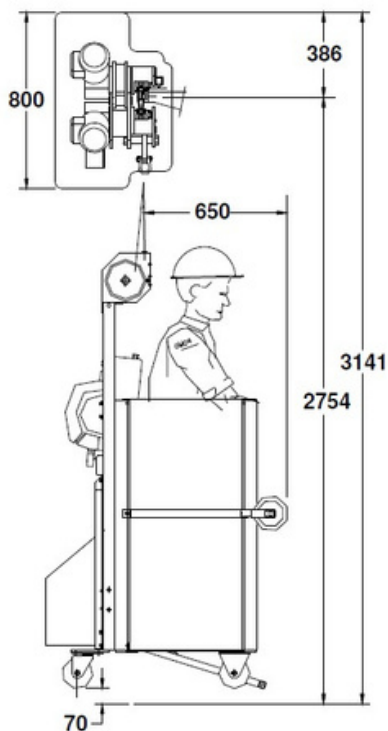
RS110 / RS162



RS133

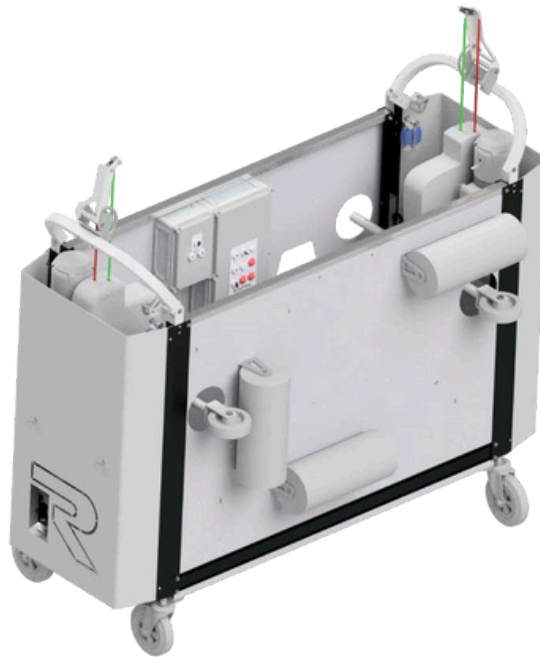


RS127/RS137



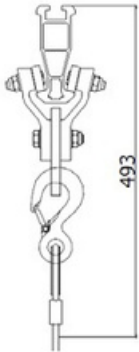
Technical Drawing

Rostek BMU2 - RO07465

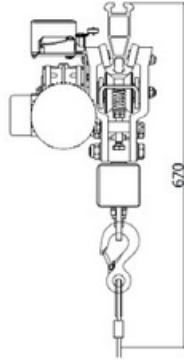


Distance Between Hoists	1.7m, special lengths available on request
Width	0.75m, also narrow version available
Weight (excl. wires/cables)	235kg
Working Load Limit	250kg or 2 persons
Wire Winder Capacity	70m or 130m
Power Supply	3 phase, 400V/50Hz
Material	HDG Steel and Aluminum
Hoist	2 x Titan traction hoists, Lifting speed 8.5m/min
Accessories	Wall support rollers, Wall support wheels, Pull-in system for negative facades, Cable bin, Overspeed device, Power supply socket, powder coated cladding, Horizontal movement controls
Description	BMU2 is a two person Building Maintenance Unit which is equipped with two traction hoists and wire winders on both ends of the cradle. Steel and Aluminum structure makes it strong and light. Rostek BMU2 is designed and tested to conform the EN 1808 standard.

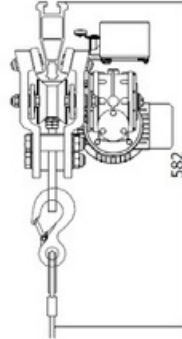
Trolley height + BMU2 height = total height



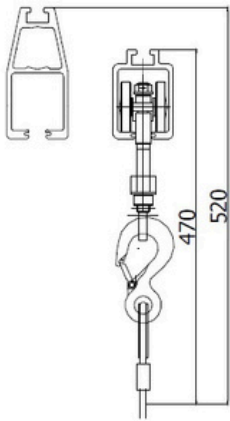
RS133 Manual trolley



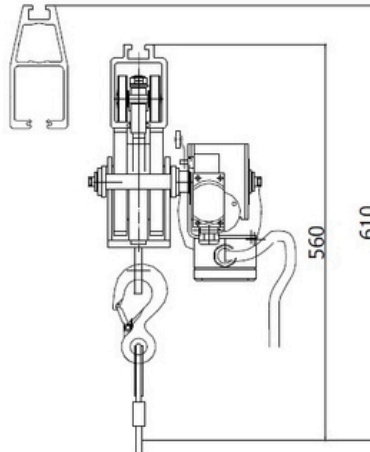
RS133 Motorized trolley with spreaderbar



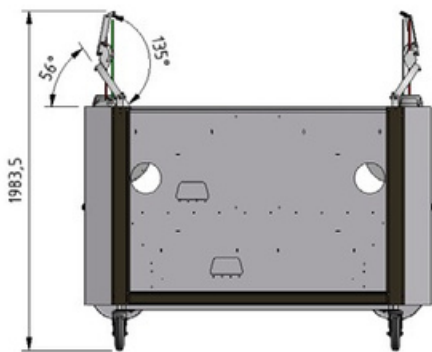
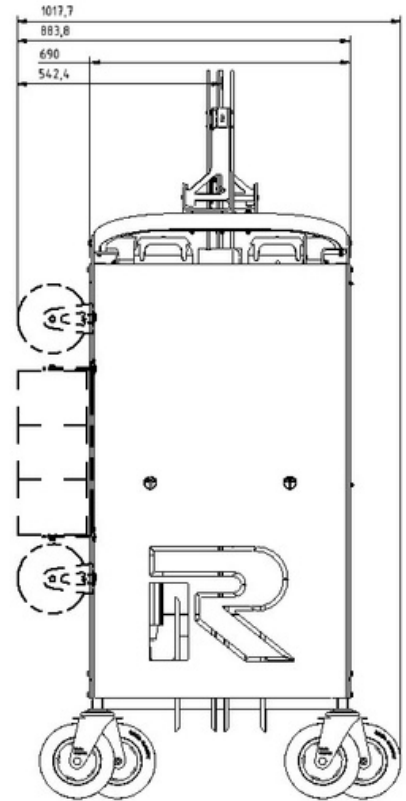
RS133 Motorized trolley



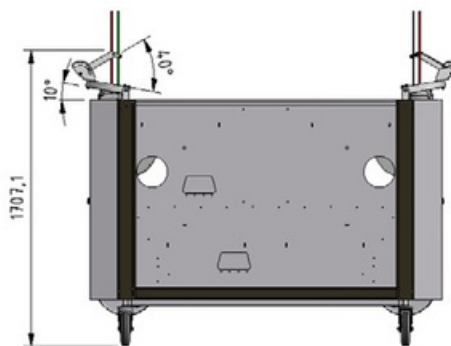
RS110/162 Manual trolley



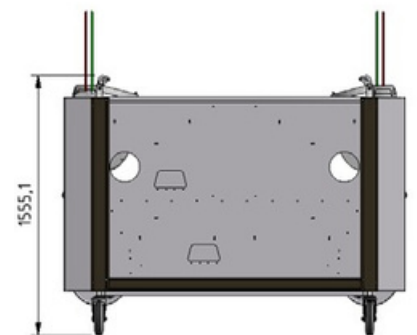
RS110/162 Motorized trolley



Normal position



Position before limit switches engage



Storage position

Alta Safety

NEW ZEALAND OFFICES

**ALTA
SAFETY** FALL
PROTECTION
SPECIALISTS

CHRISTCHURCH

Unit 7, 2 Distribution Lane,
Sockburn, Christchurch 8042

AUCKLAND

B7 / 930 Great South Road
Penrose, Auckland
1061

WELLINGTON

Unit 8, 16 Jamaica Drive,
Grenada North, Wellington
5028

design@altasafety.com



TECHNICAL DRAWINGS KEY



Rate to
15kN



Person
Capacity



Abseil



Fall Arrest



Restraint
Technique