



SELF-PROPELLED TRACKED PLATFORM

PL/TFORM
B A S K E T

RAISING THE STANDARD



MADE IN ITALY

SPIDER 54T

SELF-PROPELLED TRACKED PLATFORM

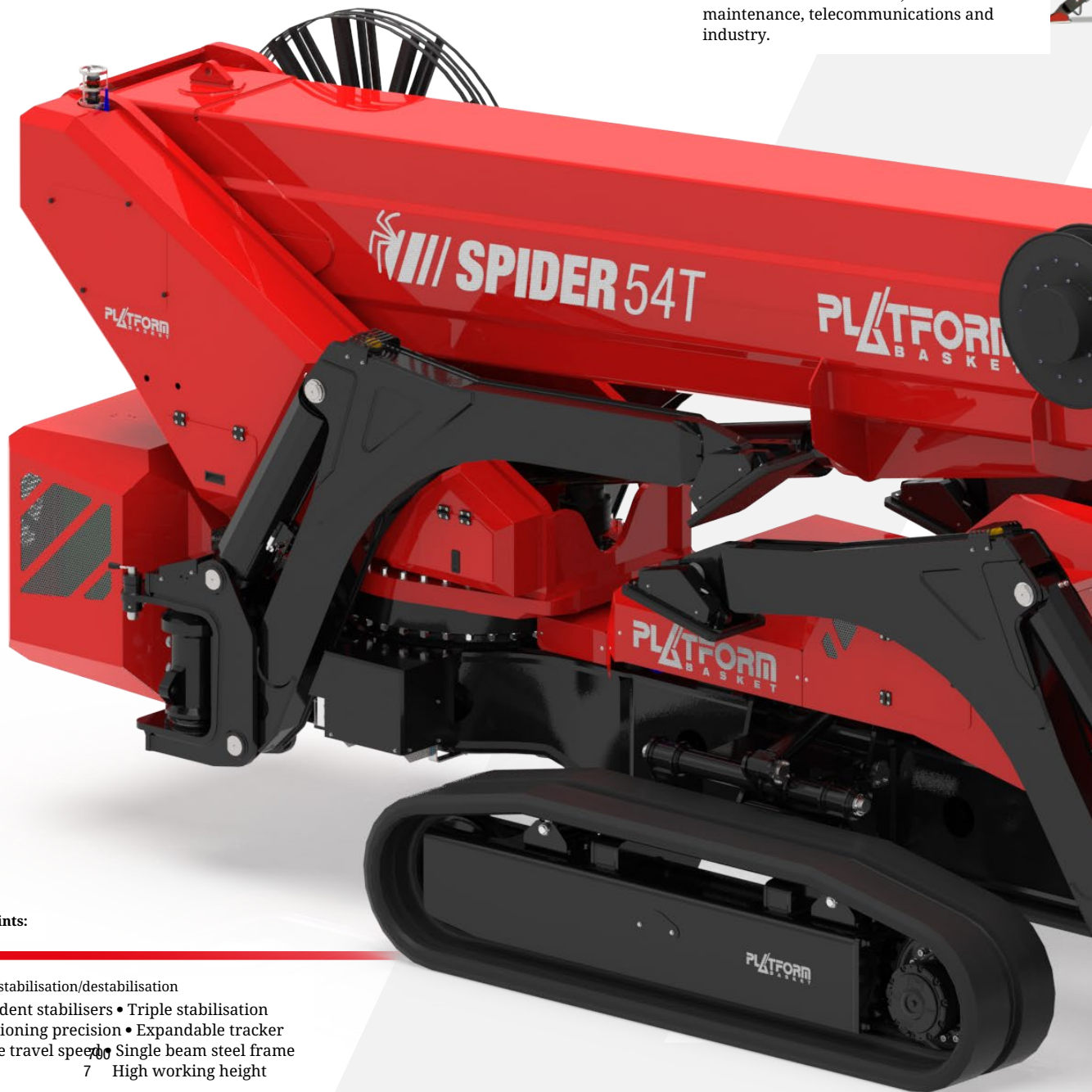
Innovative self-propelled aerial platform with extendable tracks and simple, intuitive controls.

It can reach an operating height of 54 m and can be used (also) as an actual mobile crane.

A mix of efficiency, reliability and versatility that once again proves our commitment to providing high-tech solutions, developed with utmost attention to detail.

SPIDER 54T is a concentrate of technology; its potential allows it to be the ideal solution for large projects and 'logistical' challenges requiring a higher vertical load-bearing capacity.

Its distinctive feature is its working height, which places it at the top of the industry. Thanks to Platform Basket's experience and design and construction expertise, operators can now reach places that are not usually accessible, opening up new perspectives in areas such as construction, infrastructure maintenance, telecommunications and industry.



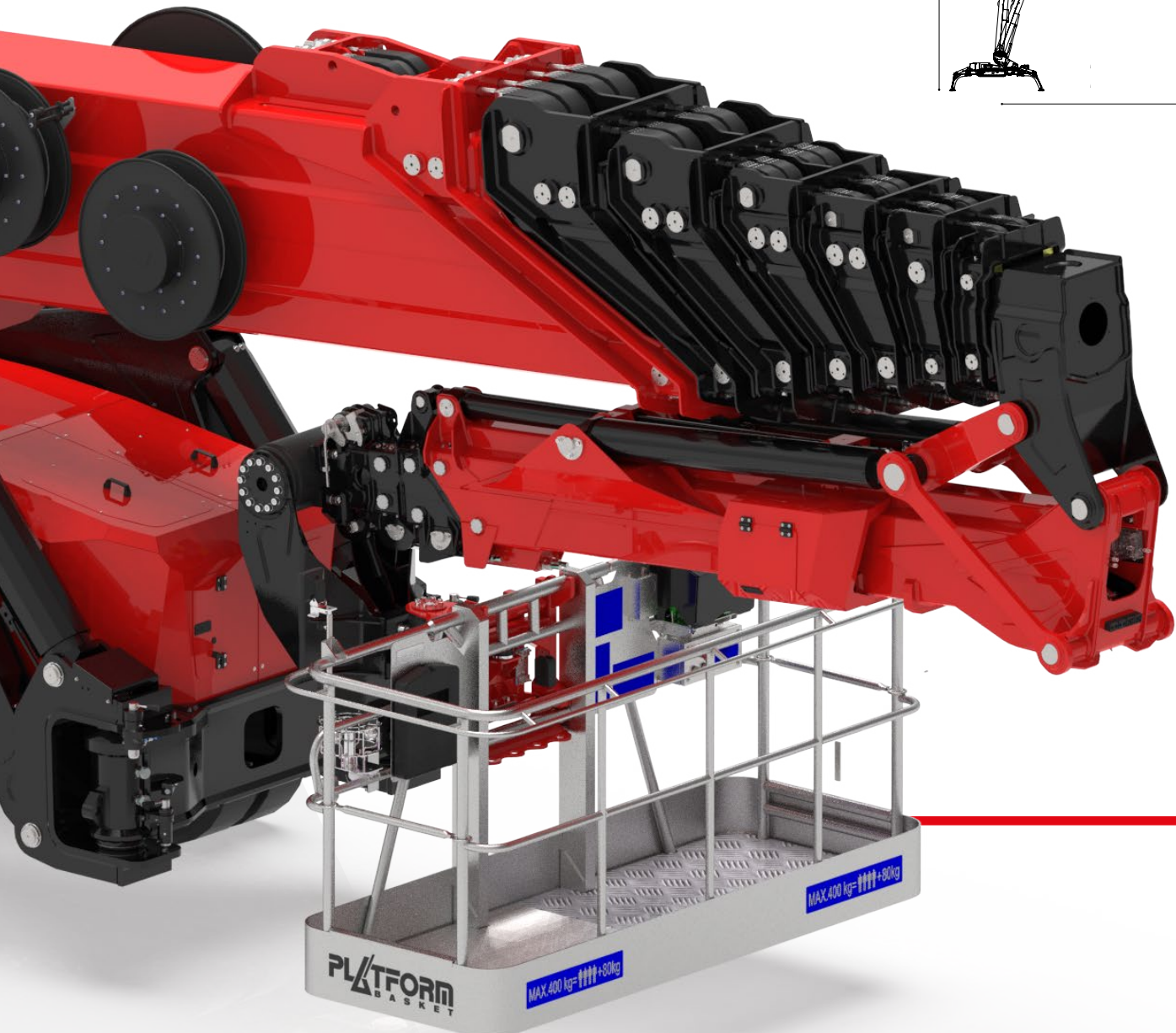
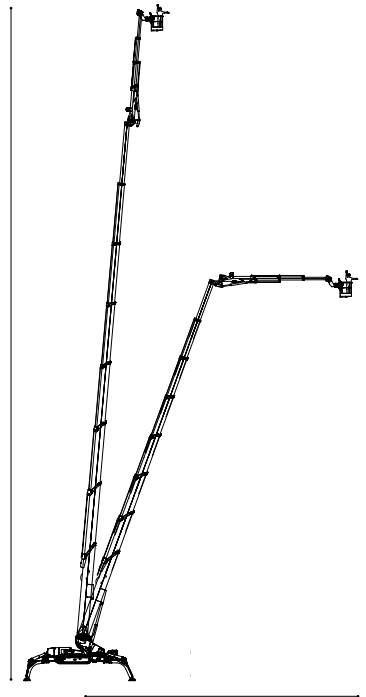
Strength points:

- Automatic stabilisation/destabilisation
- 4 independent stabilisers • Triple stabilisation area • Positioning precision • Expandable tracker with double travel speed • Single beam steel frame
- High working height
- 7-stage telescopic system made of high-strength steel • Telescopic JIB with 3 hydraulic extensions • Radio-controlled control system • Aluminium basket (4 persons, 400 kg)

PLATFORM BASKET

The platform is equipped with a telescopic jib with three hydraulic extensions, which allows a horizontal reach of 18.5 m at a height of 45 m and with 400 kg in the basket (the maximum value is 20 m with 136 kg capacity).

The working height, together with the triple stabilisation area, offers a versatile solution for large projects and contexts with highly variable placement conditions.



SPIDER 54T

SELF-PROPELLED TRACKED PLATFORM

Performance without compromise

Diagnostics and monitoring.

Platform Basket has always invested heavily in the improvement of remote diagnostics and monitoring systems, with the aim of creating an advantage even for users who had hitherto avoided the use of these systems, but who, with technological advancement, increasingly need support and the possibility of analysing the use of their vehicles.

The optional PBT (Platform Basket Telematics) device is the result of this development and consists of a hardware part connected to the machine, containing an integrated international data SIM card that sends all the vehicle's essential data to the cloud: geolocation on



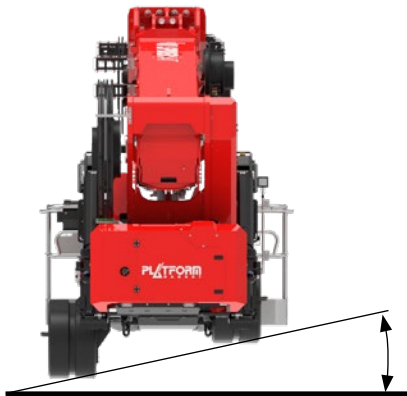
the globe, working hours and their breakdown, load cell data and active or past alarms, and a software part that can be consulted from a dedicated web portal, with protected access, which allows viewing the data saved in the cloud. Even if there is no data coverage, these are saved on a built-in memory card to be sent when the signal is restored. In order to make the system more user-

friendly, the web platform can be consulted from fixed PCs or mobile devices.

The most important purposes of use are diagnostics and assistance, man/machine communication and monitoring of vehicle use.

Stability on inclined planes.

A key feature of this machine is that it is able to reach places normally inaccessible to conventional vehicles, thanks both to the advanced stabilisation system and to the robust frame structure and large tracked undercarriage; all of which allows SPIDER 54T to tackle even the roughest terrain.



Radio controlled.

A sophisticated system that offers flexibility and safe handling for operators. It allows the platform to be controlled remotely, providing greater freedom of movement and a better view of the work area.

The colour display with anti-glare technology ensures a clear and sharp view of vital information, even in direct sunlight. In addition, a second radio control is available in the basket workstation, which can also be used as a remote control, guaranteeing the same diagnostic functions via display.



Simplified transport.



There are two possibilities for loading Spider 54T onto the trailer for transport to the workplace:

1. the trailer in reverse is positioned underneath the SPIDER 54T with the stabilisers raised
2. the Spider 54T, thanks to its mobility on tracks, is positioned independently on the trailer.



PLATFORM BASKET

Winch version (WCH)

"A real mobile crane"

The new Spider 54 T is a highly innovative SELF-PROPELLED TRACKED PLATFORM that makes no compromises in terms of reliability, quality and efficiency. A telescopic machine capable of working in winch configuration at 54 m with 1000 千克 of load capacity in total safety, a performance among the highest in the world, encompassing a combination of state-of-the-art technology and advanced control. A machine that exceeds all expectations in the field of heavy duty lifting.

The winch configuration involves a winch mounted directly on the jib, in order to ensure better performance and speed when converting the machine from a spider to a lifting device.



◀ With great attention to detail, a lightweight and easily transportable system was designed to support the basket assembly during the conversion from a spider to a hoist.

HOISTING WINCH

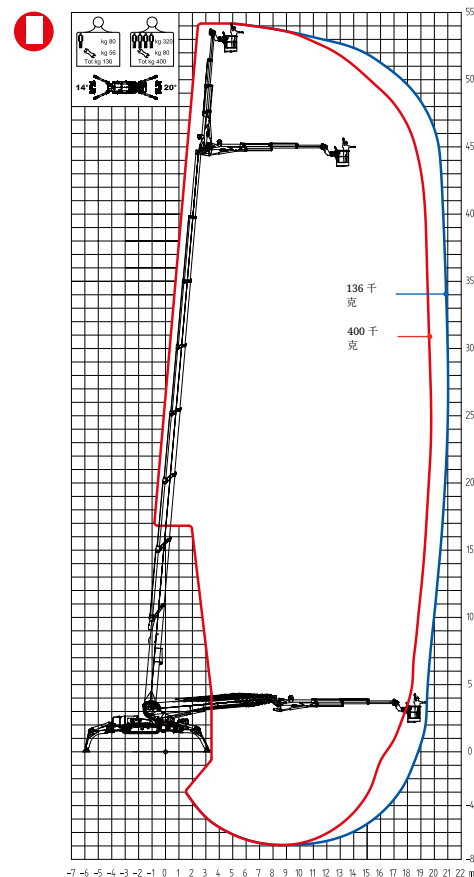
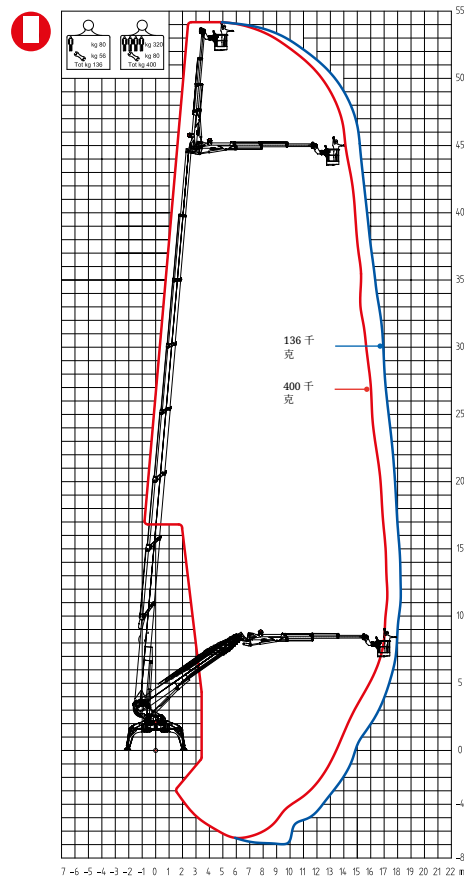
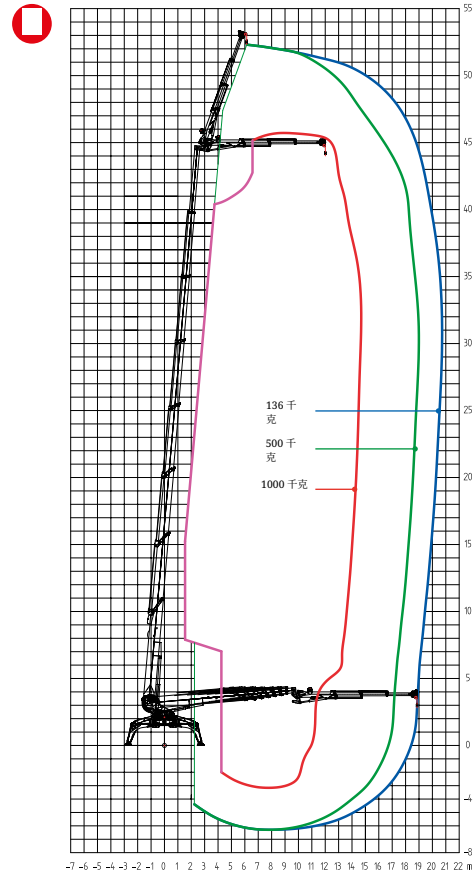
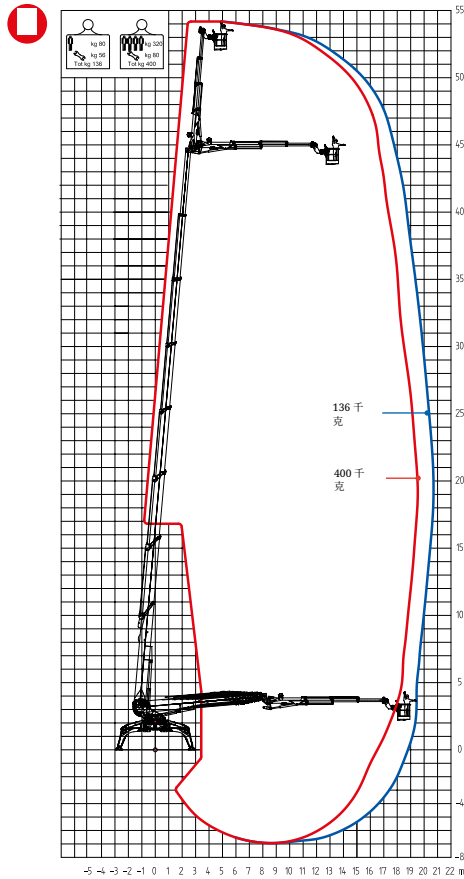
Direct pull			
Quantity of Rope			
Max Hoisting speed	m/min		
Rope Diameter			

Compliant with: • UNI EN 13000
Cranes - Mobile Cranes;
• ISO4301-1 /2 Cranes.



SPIDER 54T

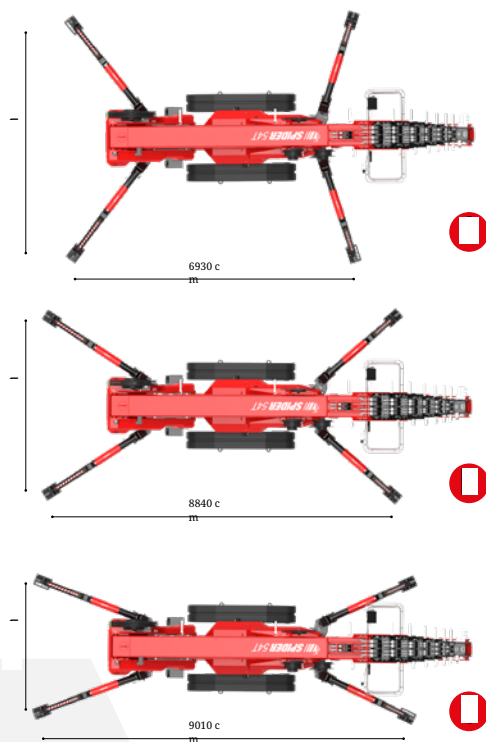
SELF-PROPELLED TRACKED PLATFORM



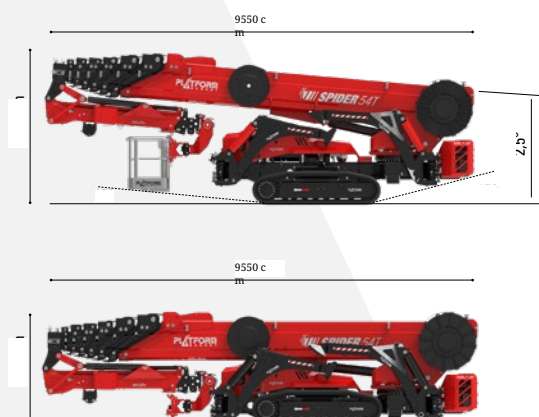


Stabilisation footprint

Measurements from centre stabiliser feet



Overall dimensions



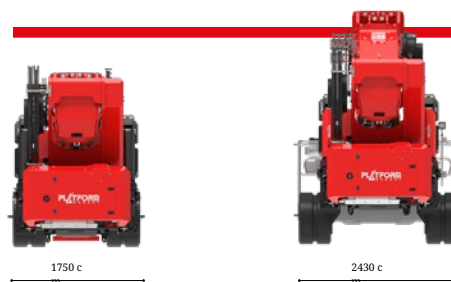
SPECIFICATIONS		
Max working height		11.5
Max platform height		11.5
Maximum lateral reach with load in basket 136 千克		11.5
Turret rotation		360°
Basket rotation angle		+/- 90°
Platform capacity		1360 kg
Max slope		12°
Max. side slope with narrow/wide carriage		12° / 15°
Maximum travel speed		1.2 km/h
Proportional electrohydraulic controls		Yes
Nominal track dimensions		450 x 78 x 81
Maximum permissible wind speed during work	m/sec.	12
Maximum permissible manual stress		1000 N
Max. permissible inclination on outriggers for AWP working consent		+/- 1°

DIMENSIONS		
Machine length folded with basket		11.5
Machine length folded without basket		11.5
Machine width folded with basket		11.5
Machine width folded without basket, tracks retracted		11.5
Machine height folded with carriage extended		11.5
Minimum closed machine height with retracted carriage		11.5
Undercarriage height (with undercarriage extended)		11.5
Aluminium basket size (L x W)		2.3 x 0.91

TANK CAPACITY		
Hydraulic oil tank		11.5
Fuel tank		11.5

Total weight basic version		11.5
Ground pressure when on stabilizers		11.5

MOTOR SPECIFICATIONS		
Net input power		11.5
技术数据		11.5
电池容量		11.5



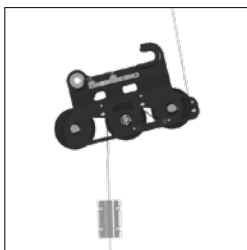
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Optional Accessories:

The industrial environment requires platforms that operate in a variety of conditions, so we have optimised a number of specific solutions to meet specific customer needs. In addition, our technical department is available for the study and realisation of further accessories and customisation, according to the customer's needs and expectations.

- Deadman foot pedal
- Generator 230 V
- Antintrapment device



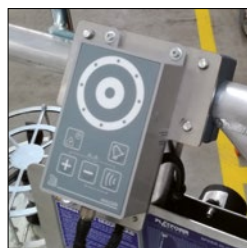
Winch 1000 Kg



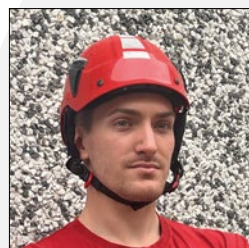
Wind speed control device, with alarm.



Anti-collision device in conductive rubber applied to the aerial basket.



INTERCOM device for man-on-the-ground communication with personnel in the aerial basket.



Helmet with INTERPHONE device for man-to-ground communication with personnel in an airship.



PBT (Platform Basket Telematics)

PLATFORM
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