

A large blue and green tracked glazing robot, the Winlet 1000 Crawler ER, is shown in an outdoor setting. The robot has a long, articulated telescopic arm extended upwards and outwards. A man in a dark jacket stands to the right of the robot, providing a sense of scale. The robot is on a paved surface in front of a modern building with large windows and a glass door. A green circular callout in the top right corner contains the text "WITH EXTENDED REACH!".

WITH  
EXTENDED  
REACH!

# Winlet 1000 Crawler ER

## Winlet Crawler with extended reach!

Winlet 1000 Crawler ER is an upgraded version of our tracked glazing robot. This version has an extended telescopic arm reaching a maximum horizontal lifting height of just over 6 meters!

As the original Crawler, it can operate in all types of terrain including stairs ensuring maximum maneuverability and precision even in the narrowest spaces, with a minimum of ground pressure - and without any kind of outriggers needed at any time.

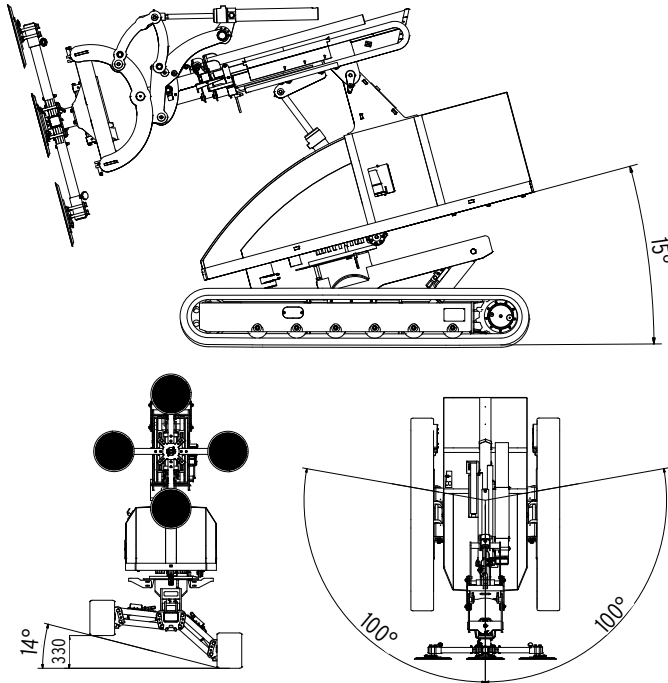
## Dynamic leveling

The leveling of the manipulator is completely automatic when using the Dynamic Leveling System - even on slopes or uneven surfaces.

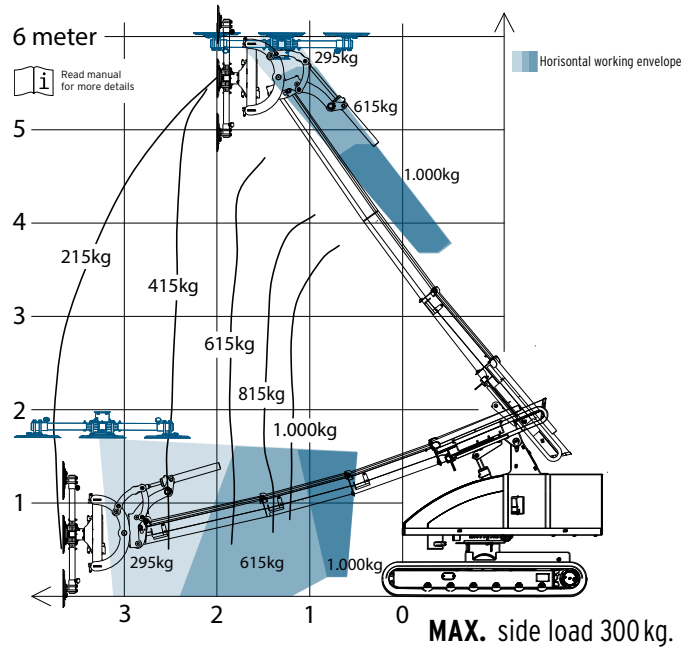
Winlet Crawler Bi-Leveling will automatically adjust both on longitudinal slopes until 15° (27%) and lateral slopes until 14° (25%) at the same time, always ensuring a safe and effective transportation or installation.



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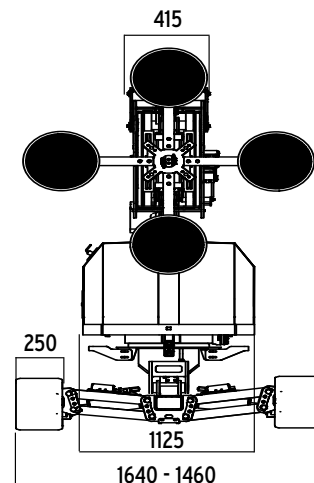
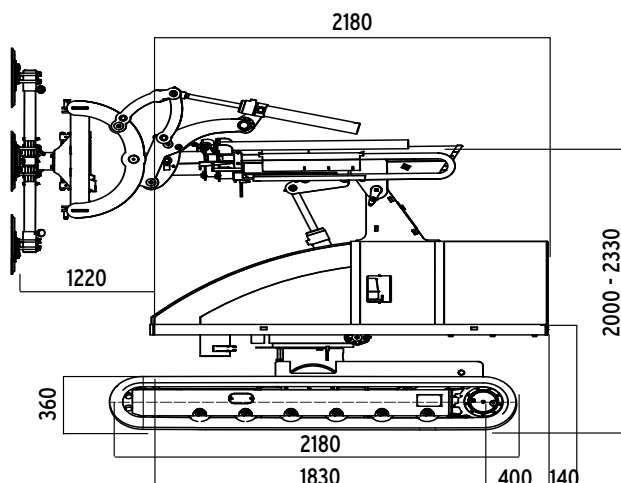


## MAX. LOAD/REACH KG



## SPECIFICATIONS\*

EXTERNAL LENGTH	3.530 MM	MIN DISTANCE FRONT TO SUCTION CUP	1.020 MM
EXTERNAL WIDTH	1.460 - 1.640 MM	MAX DISTANCE FRONT TO SUCTION CUP	3.780 MM
EXTERNAL HEIGHT	2.120 MM	HYDRAULIC SIDE SHIFT	75 MM
TOTAL WEIGHT	2.980 KG	HYDRAULIC FINE LIFT ON ARM	200 MM
MAX LIFTING CAPACITY	1.000 KG	HYDRAULIC ROTATION	360°
MAX VERTICAL LIFTING HEIGHT - Raised carrier	5.480 MM	TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 43° FORTH: 88°
MAX VERTICAL LIFTING HEIGHT - Lowered carrier	5.280 MM	SUCTION CUPS	4 x ø410MM
MAX HORIZONTAL LIFTING HEIGHT - Raised carrier	6.050 MM	BATTERIES	48V, 420AH
MAX HORIZONTAL LIFTING HEIGHT - Lowered carrier	5.850 MM	MAX SPEED	0- 2,2 KPH
MAX HORIZONTAL LIFTING HEIGHT - Suction cups down, lowered carrier	1.540 MM		



\* The dimensions are indicative and may vary +/- 10mm. The photographs and/or drawings in this document are for illustrative purposes only.



# Winlet - Superior usability



## User friendly operating panels of your choice

Choose between two different types of operating panels for your Winlet:

1. **MAC (Multi Axis Control)**, which allows controlling of more hydraulic functions at a time. The operator can adjust the speed at the levels: 10 % - 50 % - 100 %.

2. **PSAC (Proportional Single Axis Control)**, the traditional Winlet controls, where one function is operated step-less.

If you need to control the Winlet from a distance, we recommend our radio remote control.

All operating panels are waterproof, according to the IP65 regulations.

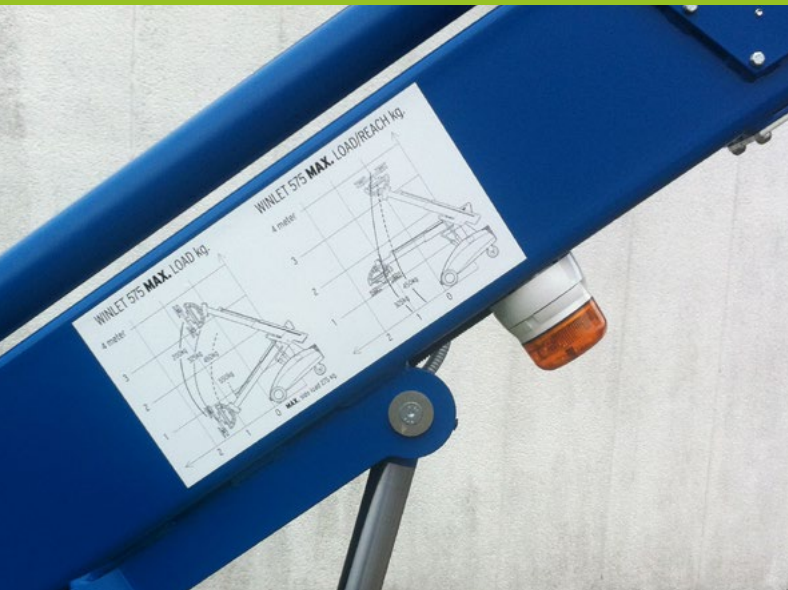
## Safety first!

All Winlets are equipped with a state-of-the-art overload monitoring system, which continuously measures the point loading on the steering wheels. If point loading is getting too low the system will automatically cut off the hydraulic functions and only allow hydraulic cylinders to bring the load closer to the machine.





# Winlet accessories



## Make the most of your Winlet

Winlet comes with a wide range of accessories. Here is a few of our most popular items:

- **LIFTING FORK & LIFTING HOOK**
  - for lifting of pallets or with straps
- **LIFTING SLING**
  - for lifting the Winlet by crane
- **SHUT-OFF VALVES**
  - on suction cups
- **QUICK CONNECTORS**
  - on suction cups or main supply
- **EXTENSION OF THE BEAMS**
  - customized cross - and main beams
- **RADIO REMOTE CONTROL**
- **QUICK SHIFT FOR TELEHANDLER**

Please consult our experts to find the right accessories for your project.



## Lifts all airtight material

All Winlet glazing robots can easily be adapted to lift a wide range of materials by changing the suction cups. This makes Winlet ideal when handling:

GRANITE	WOODEN PLATES
CONCRETE	TILES
PLASTERBOARDS	FIRE DOORS
STEEL PLATES	

