



GMV A/S - v12

Winlet

Effective and intelligent glazing-
and cladding robots for windows,
glass, and other airtight material.

 **GMV**
Cranes and Handling



What is a Winlet?

Faster, safer, and smarter glass and window installations.

The Winlet products consists of a series of self-propelled vacuum lifts using vacuum and hydraulics to lift and handle sheet glass, windows, and other airtight material.

All Winlets have off-road wheel drive on the front axle and movements of the load is hydraulically actuated.

GLAZING ROBOTS:

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Why should you invest in a Winlet?



Manual installations of glass and windows might seem like the cheapest solution compared to investing in a glazing robot.

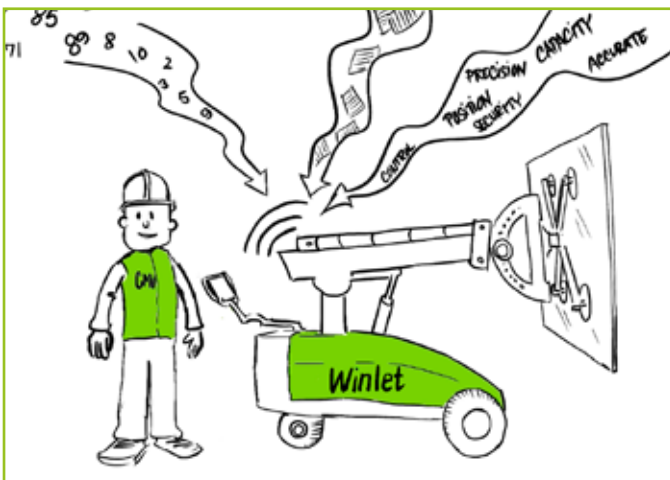
However, manual installations require a large workforce in order to lift and handle the glass. If you also consider the high risks of injuries and material damage, the costs will long surpass the investment you will make in a glazing robot.



With a Winlet, glass installation is possible with just one operator.

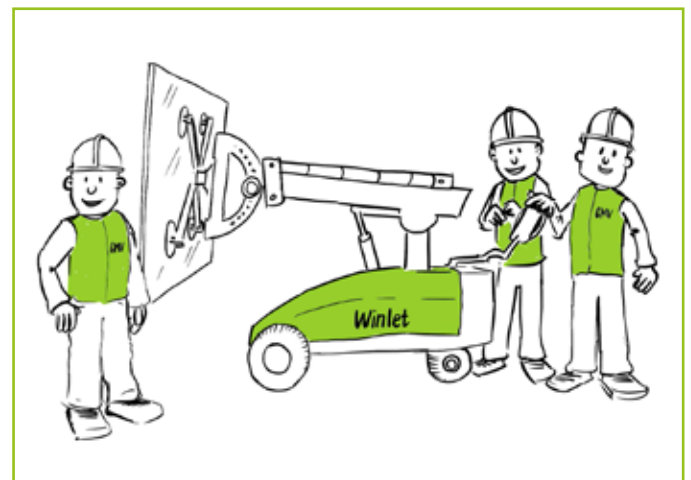
All Winlet models are fully hydraulic which ensures the robustness, speed and power required on a construction site.

The hydraulic fine lift and side shift on Winlet ensures that the installation is carried out easily and precisely - every time!



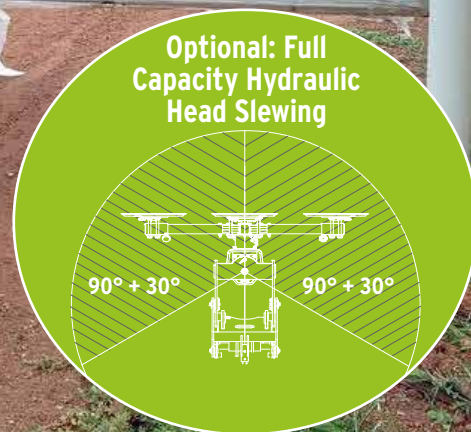
Safety is the most important feature on a Winlet. The Winlet computer is always monitoring all functions including position of the lifting arm and capacity limits. This is to ensure safety at all times during use.

All Winlets are equipped with a safety switch, an emergency stop and emergency lowering of the hydraulics is always possible on a Winlet.



When it comes to safe and effective glass and window installation there is a much smarter way. - It's called a Winlet!

Winlet - Faster, Safer, Smarter!



Winlet 1000 Crawler

Crawled traction and low ground pressure

Winlet Crawler Bi-Leveling can operate in all types of terrain including stairs. With this Winlet you get 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

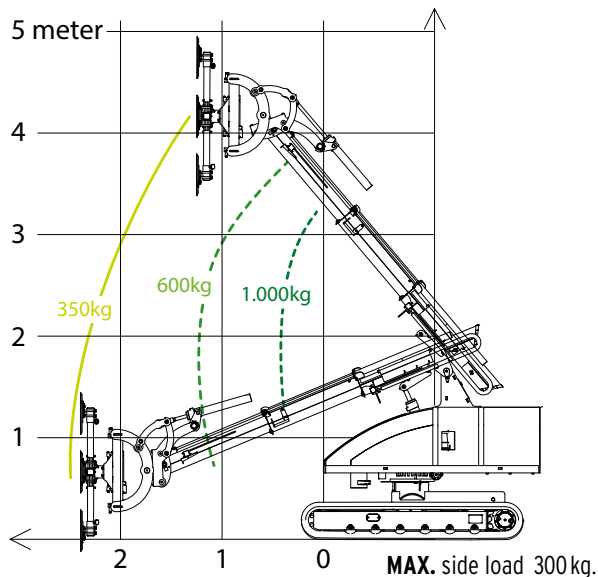
The leveling of the manipulator is completely automatic when using the Dynamic Leveling System -even on slopes or uneven surfaces.

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

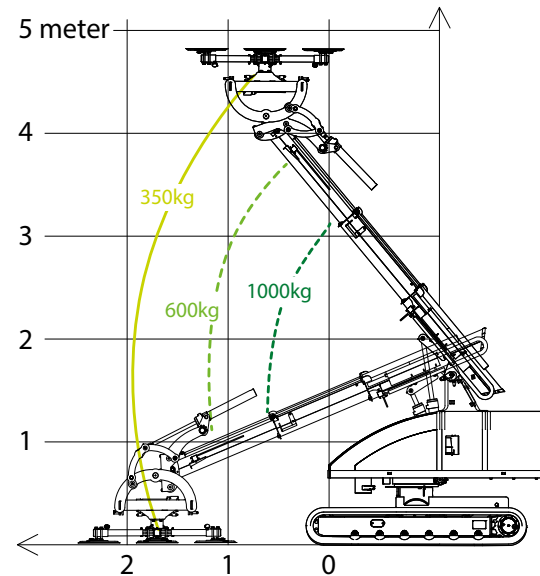


Winlet 1000 Crawler

REACH DIAGRAM

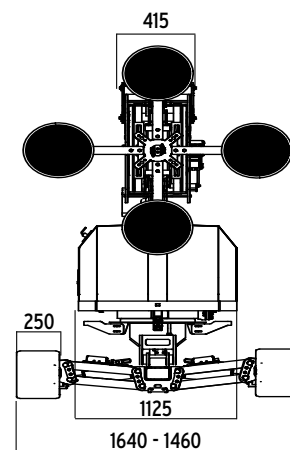
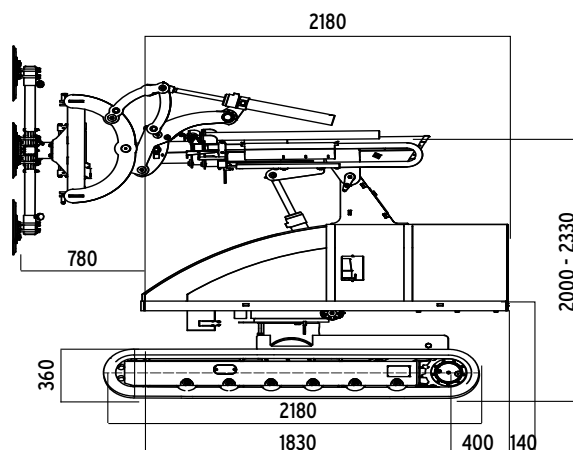


PICKUP AND PLACE DIAGRAM



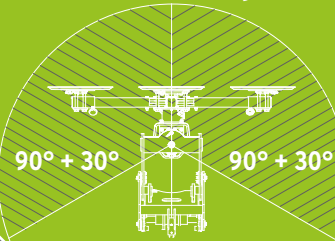
SPECIFICATIONS*

MAX LIFTING CAPACITY	1.000 KG	TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 43° FORTH: 88°
MAX LIFTING HEIGHT - Raised carrier	4.500 MM	HYDRAULIC ROTATION	360°
MAX LIFTING HEIGHT - Lowered carrier	4.170 MM	HYDRAULIC HEAD SLEWING 2 x 30°	OPTION
MAX OVERHEAD INSTALLATION - Raised carrier	5.100 MM	EXTERNAL LENGTH	2.180 MM
MAX OVERHEAD INSTALLATION - Lowered carrier	4.770 MM	EXTERNAL WIDTH	1.460 - 1.640 MM
MAX REACH - No tilt on carrier	2.580 MM	TOTAL WEIGHT	2.850 KG
MAX REACH - Carrier tilted forward	2.600 MM	STANDARD SUCTION CUPS	4 x Ø410 MM
HYDRAULIC SIDE SHIFT	75 MM	BATTERIES	48V, 420AH
FINE LIFT ON ARM	200 MM	MAX SPEED	0- 2,2 KPH



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

Optional: Full
Capacity Hydraulic
Head Slewing



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.

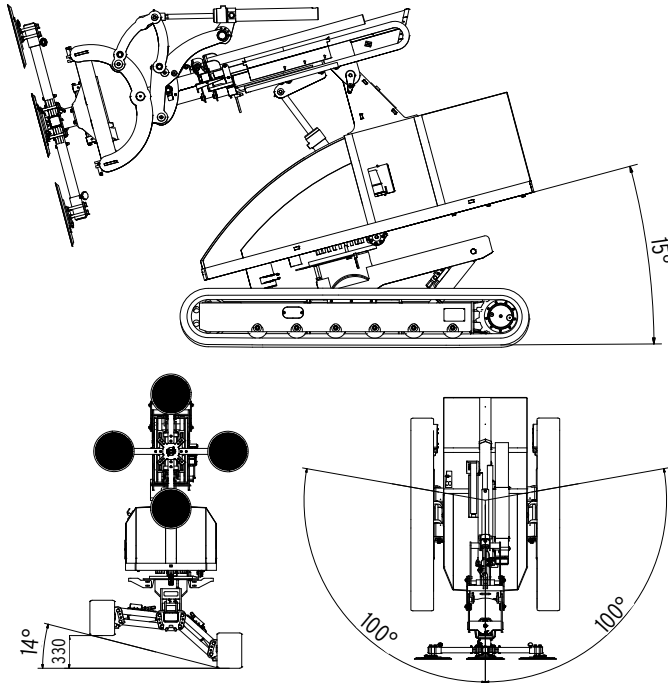
Dynamic leveling

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

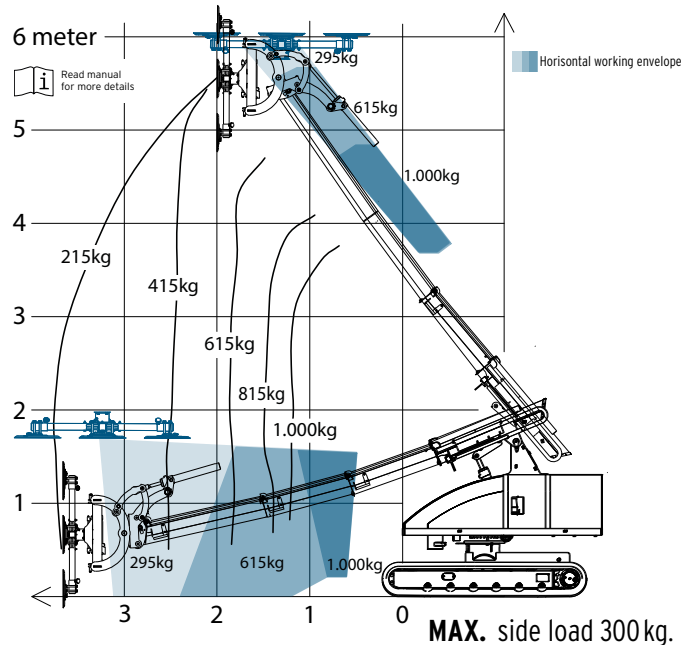
Winlet Crawler Bi-Leveling will automatically adjust both on longitudinal slopes until 15° (27%) and lateral slopes until 14° (25%) at the same time, always ensuring a safe and effective transportation or installation.



Winlet 1000 Crawler ER

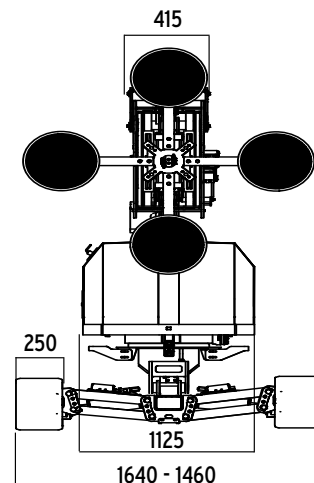
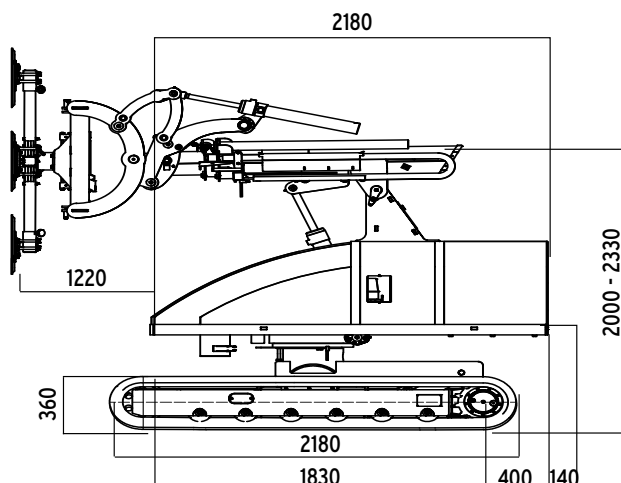


MAX. LOAD/REACH KG



SPECIFICATIONS*

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	HYDRAULIC HEAD SLEWING 2 x 30°	OPTION
MAX HORIZONTAL LIFTING HEIGHT - Raised carrier	6.050 MM	EXTERNAL LENGTH	2.180 MM
MAX HORIZONTAL LIFTING HEIGHT - Lowered carrier	5.850 MM	EXTERNAL WIDTH	1.460 - 1.640 MM
MAX HORIZONTAL LIFTING HEIGHT - Suction cups down, lowered carrier	1.540 MM	EXTERNAL HEIGHT	2.120 MM
MIN DISTANCE FRONT TO SUCTION CUP	1.020 MM	TOTAL WEIGHT	2.980 KG
MAX DISTANCE FRONT TO SUCTION CUP	3.780 MM	STANDARD SUCTION CUPS	4 x ø410MM
HYDRAULIC SIDE SHIFT	75 MM	BATTERIES	48V, 420AH
HYDRAULIC FINE LIFT ON ARM	200 MM	MAX SPEED	0- 2,2 KPH



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

Optional: Full
Capacity Hydraulic
Head Slewing

90° + 30° 90° + 30°



Available with:
PSAC - Proportional Single Axis Control
MAC - Multi Axis Control
Radio Remote - Proportional Multi Axis Control

Winlet 1000

The glazing robot with a 1 tonne capacity

Winlet 1000 can lift up to 1.000 kg but still has the ability to work across rough terrain. Weighing just 1.816 kg with full counterweights, it is also designed for operation across low load bearing floors.

Maximum control

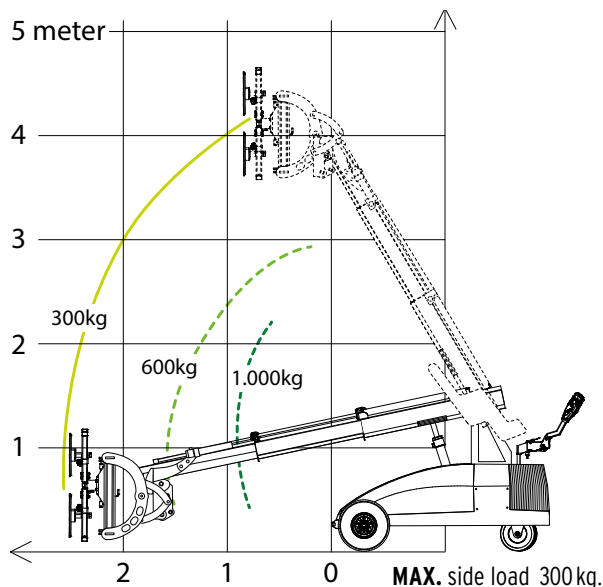
An intelligent gyroscopic hydraulic system makes sure the load stays in the same position when an element is lifted with the main arm.

The glazing robot can also install glass panels directly overhead up to a height of 4.1 meters, making it ideal for installing glazed cupolas and roofs.

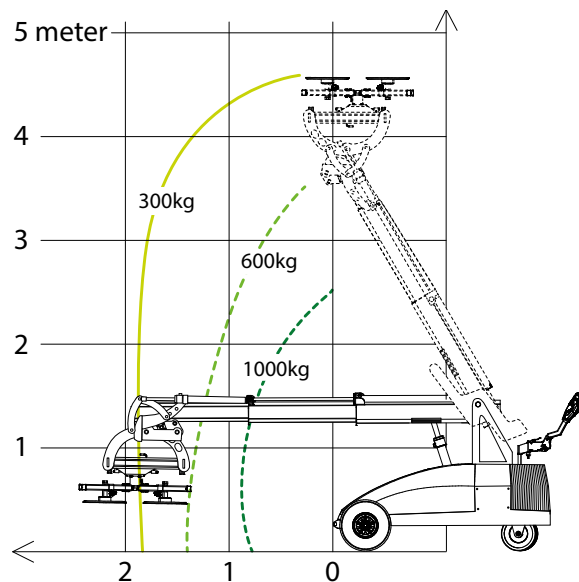


Winlet 1000

REACH DIAGRAM

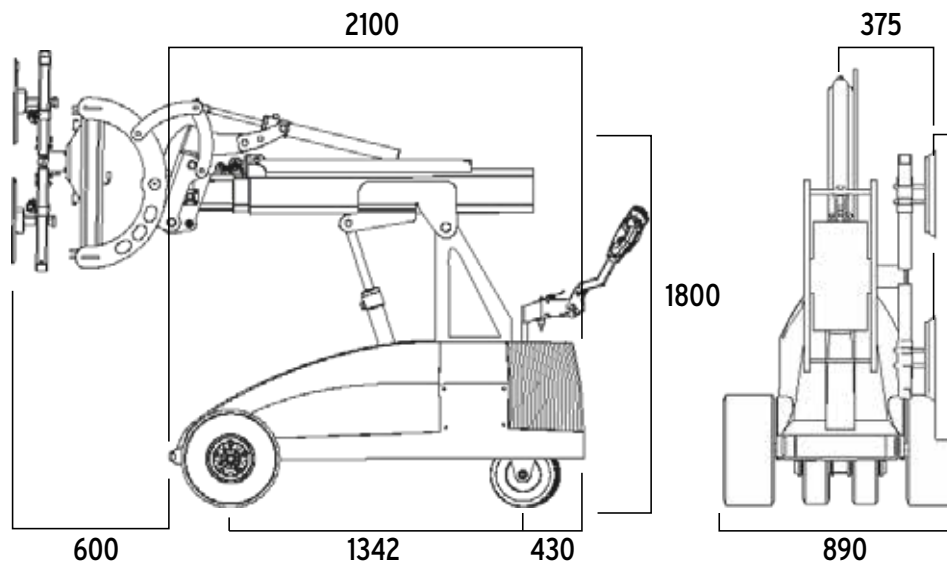


PICKUP AND PLACE DIAGRAM



SPECIFICATIONS*

MAX LIFTING CAPACITY	1.000 KG	TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 43° FORTH: 88°
MAX LOAD AT MAX EXTENSION	300 KG	HYDRAULIC HEAD SLEWING 2 x 30°	OPTION
MAX SIDE MOUNTED LOAD	300 KG	EXTERNAL LENGTH	2.100 MM
EXTENSION MIN/MAX - Front bumper to suction cup	600 MM / 2.500 MM	EXTERNAL WIDTH SINGLE/TWIN TIRES	890 MM / 1200 MM
LIFTING HEIGHT MIN/MAX - Horizontal cups down	0 MM / 950 MM	TOTAL WEIGHT - Excl. counterweights	1.365 KG
LIFTING HEIGHT MIN/MAX - Horizontal cups up	3.080 MM / 4.650 MM	TOTAL WEIGHT - Incl. counterweights	1.816 KG
MAX LIFTING HEIGHT - to center of lifting yoke	4.100 MM	STANDARD SUCTION CUPS	4 x Ø410 MM
HYDRAULIC SIDE SHIFT	75 MM	BATTERIES	2 X 150 AH
HYDRAULIC FINE LIFT ON ARM	200 MM	MAX SPEED	0-5 KPH
HYDRAULIC ROTATION	360 °		



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Optional: Full
Capacity Hydraulic
Head Slewing

90° + 30° 90° + 30°

Winlet 785

Superior lifting capacity and reach

Winlet 785 glazing robot has an impressive reach while the unique double extension of the lifting arm makes the machine extremely compact during transportation.

The glazing robot has a load capacity of 785 kg and has 6 hydraulic functions with both lateral/vertical movement and rotation being hydraulically actuated.

Maximum safety

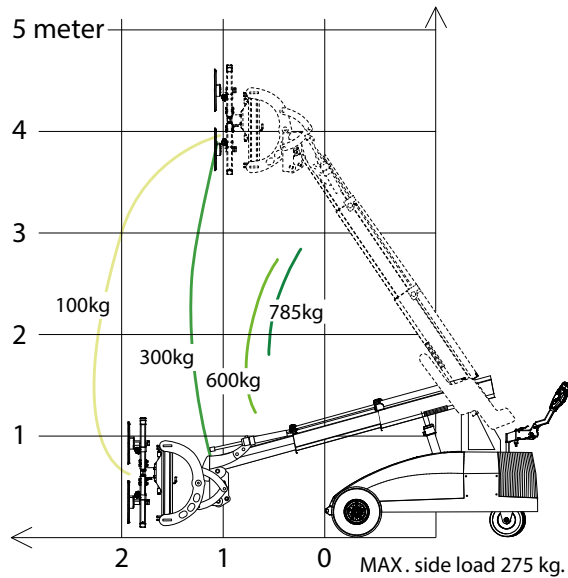
Winlet 785 is equipped with a unique safety monitoring system which means that the position of the machines front is always known and is communicated to the Winlet controller, thereby avoiding dangerous situations.

Available with:
PSAC - Proportional Single Axis Control
MAC - Multi Axis Control
Radio Remote - Proportional Multi Axis Control.

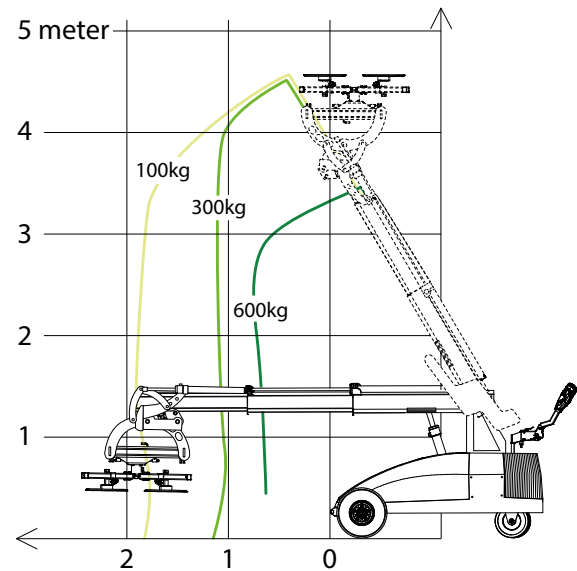


Winlet 785

REACH DIAGRAM

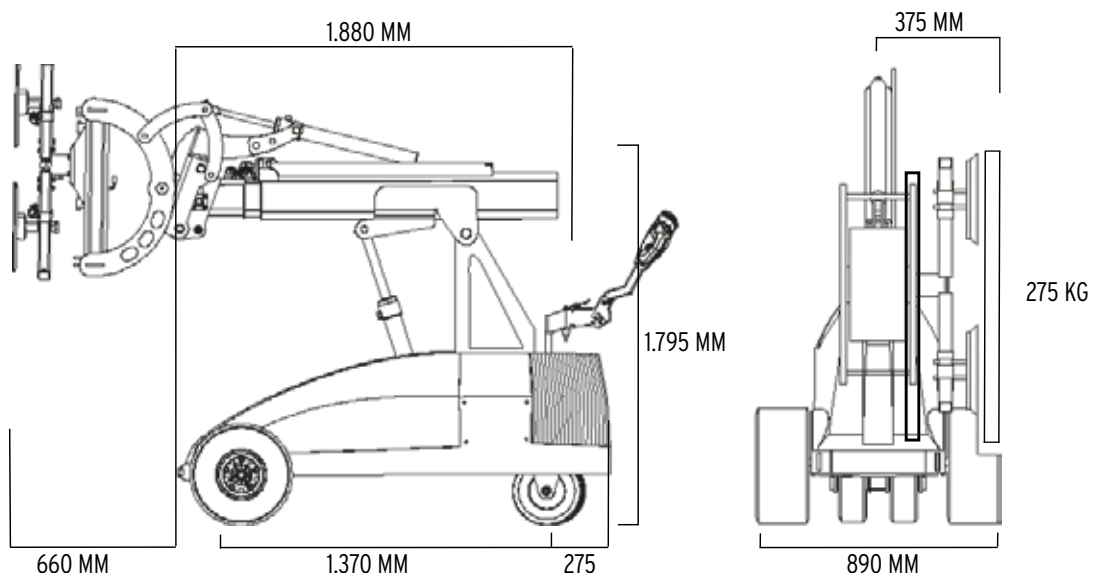


PICKUP AND PLACE DIAGRAM



SPECIFICATIONS*

MAX LIFTING CAPACITY	785 KG	HYDRAULIC ROTATION	360 °
MAX LOAD AT MAX EXTENSION	100 KG	HYDRAULIC HEAD SLEWING 2 x 30°	OPTION
MAX SIDE MOUNTED LOAD	275 KG	EXTERNAL LENGTH	1.880 MM
EXTENSION MIN/MAX - Front bumper to suction cup	660 MM / 2.500 MM	EXTERNAL WIDTH SINGLE/TWIN TIRES	890 MM / 1200 MM
LIFTING HEIGHT MIN/MAX- Horizontal cups down	0 MM / 950 MM	TOTAL WEIGHT excl. counterweights	1.142 KG
LIFTING HEIGHT MIN/MAX- Horizontal cups up	3.080 MM / 4.470 MM	TOTAL WEIGHT incl. counterweights	1.422 KG
MAX LIFTING HEIGHT - to center of lifting yoke	3.970 MM	STANDARD SUCTION CUPS	4 x Ø410 MM
HYDRAULIC SIDE SHIFT	75 MM	BATTERIES	2 X 150 AH
HYDRAULIC FINE LIFT ON ARM	200 MM	MAX SPEED	0-5 KPH
TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 42° FORTH: 79°		



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Winlet 600

Minimum space - Maximum capacity

With a load capacity of 600 kg. Winlet 600 is designed to handle heavier windows, sheet glass and other airtight material in the construction industry.

The Winlet 600 has 4 hydraulic functions and a vacuum swivel.

High precision and power

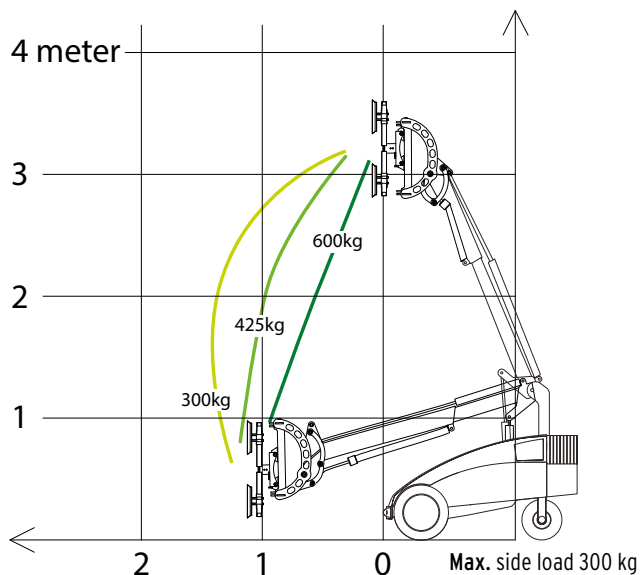
The unique adjustment options for the suction cups and the linear movements at the front make the Winlet 600 an obvious choice for installation jobs where precision is important, while enabling items of up to 600 kg to be handled without back strain.

The powerful wheel drive makes Winlet 600 ideal not only indoors but also in outdoor terrain.

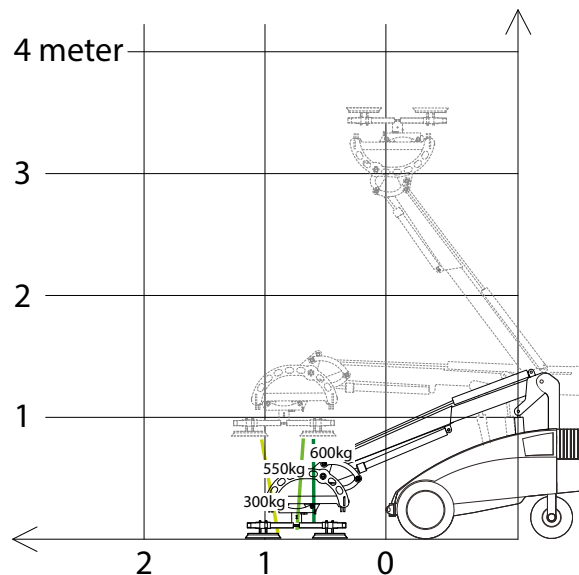


Winlet 600

REACH DIAGRAM

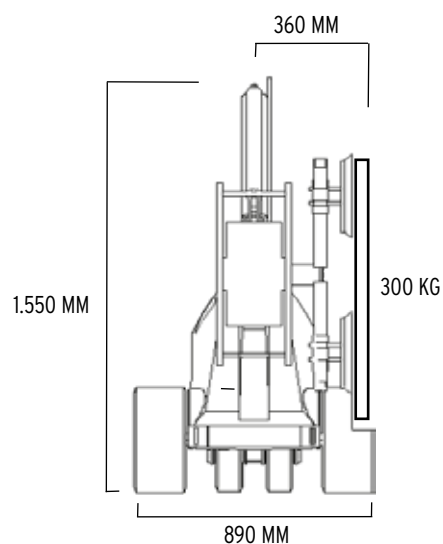
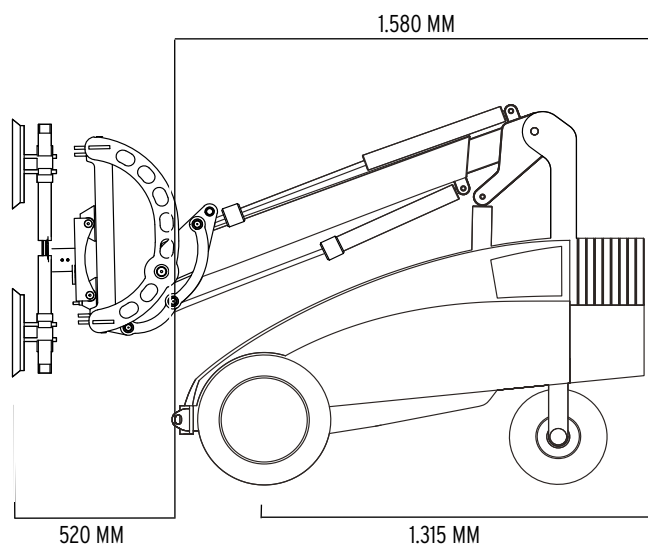


PICKUP AND PLACE DIAGRAM



SPECIFICATIONS*

MAX LIFTING CAPACITY	600 KG	ROTATION	ENDLESS
MAX LOAD AT MAX EXTENSION	300 KG	EXTERNAL LENGTH	1.580 MM
MAX SIDE MOUNTED LOAD	300 KG	EXTERNAL WIDTH SINGLE/TWIN TIRES	890 MM / 1.260 MM
EXTENSION MIN/MAX- front bumper to suction cup	600 MM / 1300 MM	TOTAL WEIGHT excl. counterweights	865 KG
MAX LIFTING HEIGHT - to center of lifting yoke	3.300 MM	TOTAL WEIGHT incl. counterweights	1.060 KG
SIDE SHIFT	90 MM	SUCTION CUPS	4 X Ø360 MM
HYDRAULIC FINE LIFT ON ARM	190 MM	BATTERIES	2 X 95 AH
TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 30° FORTH: 86°	MAX SPEED	0-5 KPH



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Optional: Full
Capacity Hydraulic
Head Slewing

90° + 30° 90° + 30°

Winlet 575

Minimum space - Fully hydraulic

Winlet 575 is the smallest of our fully hydraulic glazing robots with a load capacity of 575 kg.

Winlet 575 has 6 hydraulic functions, with both lateral/vertical movement and rotation being hydraulically triggered.

The movements of the front of Winlet 575 are 100% linear, which is required by the professional users when, for example, installing glass in prefabricated frames.

Safe and precise

Winlet 575 has a unique "gyro function", which ensures that the glass is automatically maintained in the same position when an element is lifted with the main arm.

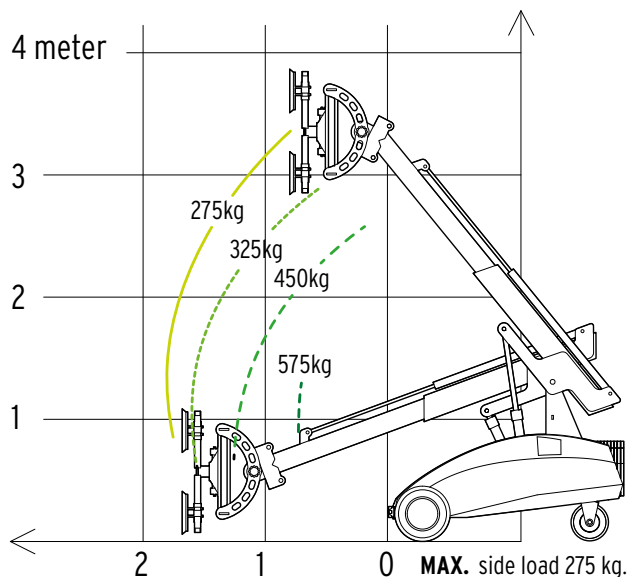


Available with:
PSAC - Proportional Single Axis Control
MAC - Multi Axis Control
Radio Remote - Proportional Multi Axis Control.

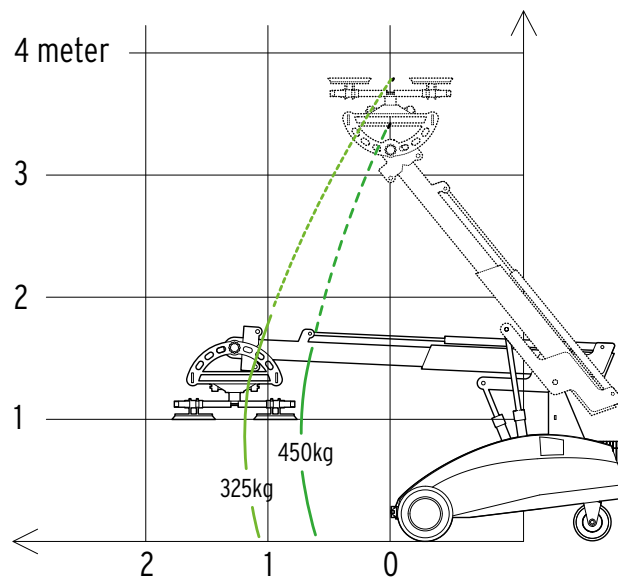


Winlet 575

REACH DIAGRAM

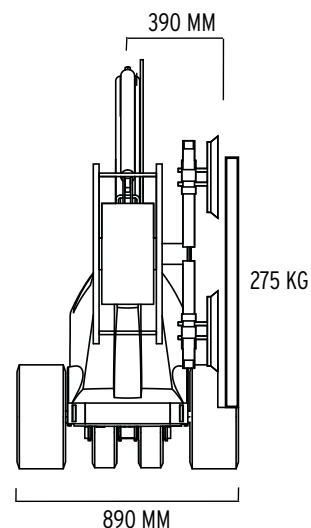
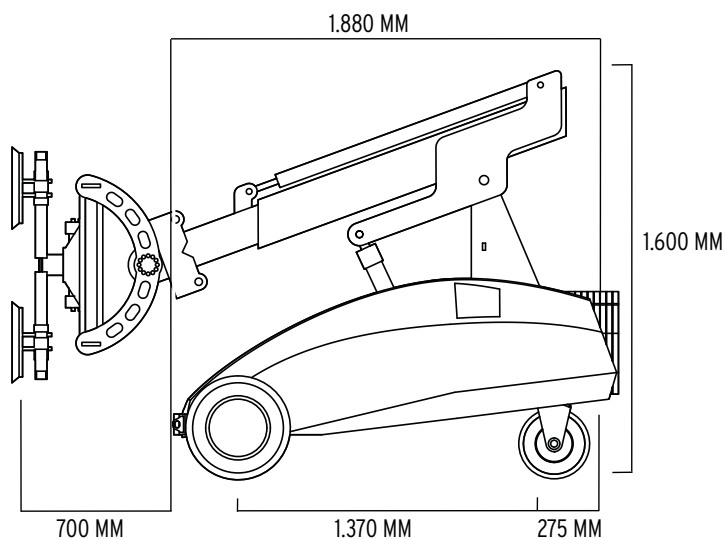


PICKUP AND PLACE DIAGRAM



SPECIFICATIONS*

MAX CAPACITY	575 KG	TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 60° FORTH: 86°
MAX LOAD AT MAX EXTENSION	275 KG	HYDRAULIC HEAD SLEWING 2 x 30°	OPTION
MAX SIDE MOUNTED LOAD	275 KG	EXTERNAL LENGTH	1.880 MM
EXTENSION MIN/MAX - Front bumper to suction cup	700 MM / 1.800 MM	EXTERNAL WIDTH SINGLE/TWIN TIRES	890 MM / 1.260 MM
LIFTING HEIGHT MIN/MAX - Horizontal cups down	0 MM / 1.170 MM	TOTAL WEIGHT excl. counterweights	1.025 KG
LIFTING HEIGHT MIN/MAX - Horizontal cups up	2.700 MM / 3.900 MM	TOTAL WEIGHT incl. counterweights	1.300 KG
MAX LIFTING HEIGHT - To center of lifting yoke	3.600 MM	SUCTION CUPS	4 X Ø360 MM
HYDRAULIC SIDE SHIFT	75 MM	BATTERIES	2 X 150 AH
HYDRAULIC FINE LIFT ON ARM	190 MM	MAX SPEED	0-5 KPH
HYDRAULIC ROTATION	360 °		



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Winlet 575TH

Height-Defying Window Installation

Winlet 575TH is used for window installation in buildings where the standard Winlet cannot be utilized due to height restrictions or challenging site conditions, making maneuverability difficult.

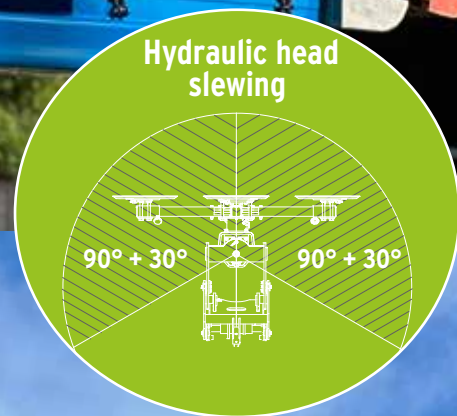
Winlet 575TH is available with Quick Shift, specifically designed for your loading machine. Additionally, it features its own hydraulic system, battery and remote control, operating independently from the loading machine.

Maximum capacity and safety

Winlet 575TH has an impressive lifting capacity of 575 kg and a 2-circuit vacuum system, ensuring exceptional safety during installations.

Winlet 575TH is equipped with 7 hydraulic functions:

1. Lifting of arm
2. Extension of arm
3. Tilt function
4. Fine lift
5. Side shift
6. 30° head slewing
7. 360° rotation

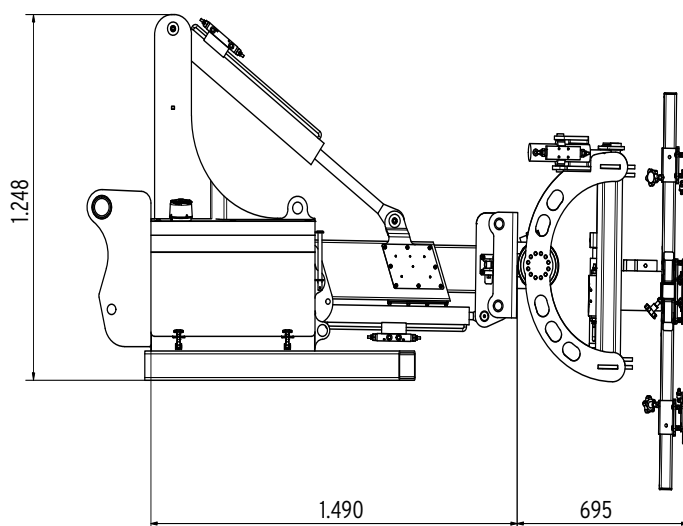
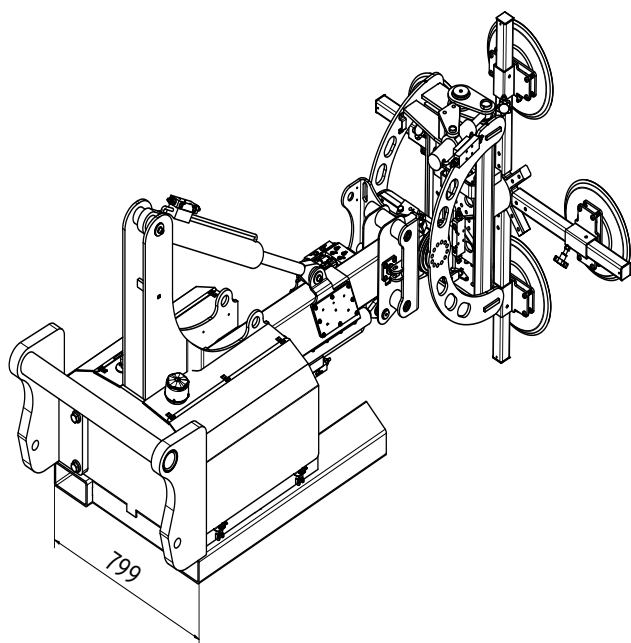


Winlet 575TH



SPECIFICATIONS*

MAX CAPACITY	575 KG	TILT FUNCTION OF THE FRONT - Horizontal arm	BACK: 60° FORTH: 86°
MAX EXTENSION OF THE ARM	400 MM	EXTERNAL LENGTH	2.185 MM
HYDRAULIC SIDE SHIFT	75 MM	EXTERNAL WIDTH	799 MM
HYDRAULIC FINE LIFT	200 MM	TOTAL WEIGHT	781 KG
HYDRAULIC ROTATION	360 °	STANDARD SUCTION CUPS	4 X Ø410 MM
HYDRAULIC HEAD SLEWING	2 X 30 °	BATTERIES	2 X 60 AH



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



Winlet 400

Build a glazing robot that fits your tasks exactly

The Winlet 400 series is a range of state-of-the-art glazing robots lifting up to 500 kg. and designed to meet all needs during window- and glass installations. In this series of glazing robots, the vital parts of the machine are customized to make sure you get exactly the Winlet 400 you need for your projects.

4 main configurations

Over time we have learned that adapting four main parts of the glazing robot to a specific task, will maximize its performance dramatically.




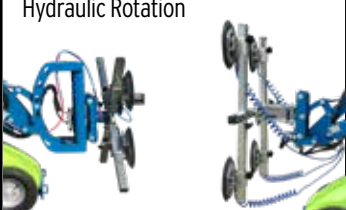

Therefore, we have made it possible to choose between different options within the following four configuration groups: **Wheels, Lifting arm, Front and Control System.**

Our experts are ready to guide you in finding the right model for your projects.



Winlet 400

NB! Please see our separate brochure for detailed information on each Winlet 400 model

WHEELS	LIFTING ARM	FRONT	CONTROL SYSTEM
CL (Compact Lifter) = Narrow wheels TL (Terrain Lifter) = Wide wheels	SHB (Single Hydraulic Boom) = 1x500mm extension. DHB (Double Hydraulic Boom) = 2x500mm extension.	HV = Hydraulic Vertical lift HS = Hydraulic Side shift HS/HR = Hydraulic Side shift and Hydraulic Rotation	PSAC = Proportional Single Axis Control. MAC = Multi Axis Control. Radio Remote = Proportional Multi Axis Control.
 			

TECHNICAL OVERVIEW*

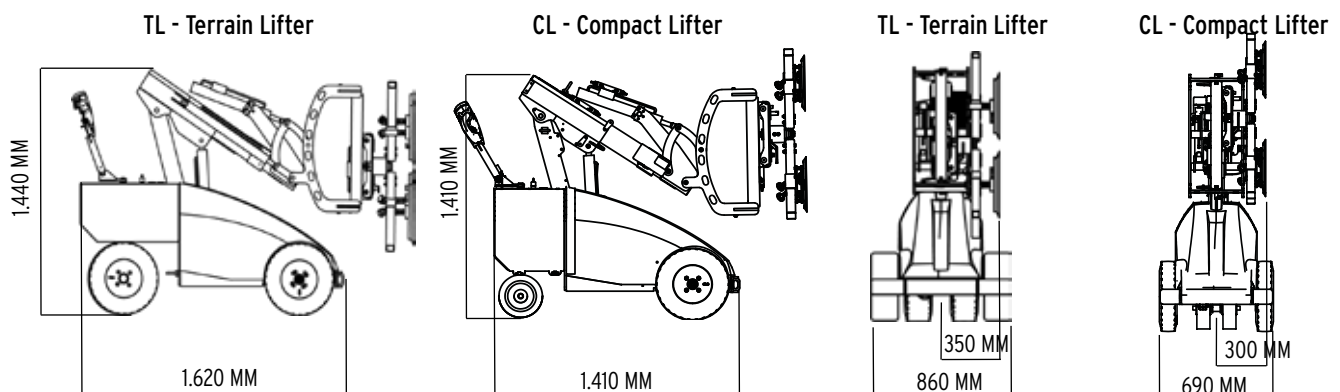
MODEL	MAX LOAD ARM Out / In	MAX SIDE MOUNTED LOAD	MIN/MAX EXTENSION* (Bumper to suction cups)	MAX LIFTING HEIGHT (Vertical cups)	MIN/MAX LIFTING HEIGHT (Horizontal cups down)	MIN/MAX LIFTING HEIGHT (Horizontal cups up)	WEIGHT
Winlet 400CL SHB/HV	200 kg / 400 kg	200 kg	458 MM / 958 MM	2.663 MM	0 MM / 890 MM	2.670 MM / 3.078 MM	900 KG
Winlet 400CL DHB/HV	60 kg / 315 kg	200 kg	590 MM / 1.590 MM	3.190 MM	0 MM / 910 MM	2.790 MM / 3.635 MM	925 KG
Winlet 400CL SHB/HS	250 kg / 460 kg	200 kg	318 MM / 818 MM	2.575 MM	0 MM / 980 MM	2.530 MM / 2.938 MM	875 KG
Winlet 400CL DHB/HS	110 kg / 400	200 kg	450 MM / 1.450 MM	3.100 MM	0 MM / 1.065 MM	2.650 MM / 3.465 MM	900 KG
Winlet 400TL SHB/HV	225 kg / 410 kg	200 kg	458 MM / 958 MM	2.663 MM	0 MM / 890 MM	2.670 MM / 3.078 MM	912 KG
Winlet 400TL DHB/HV	85 kg / 345 kg	200 kg	590 MM / 1.590 MM	3.190 MM	0 MM / 910 MM	2.790 MM / 3.635 MM	937 KG
Winlet 400TL SHB/HS	285 kg / 500 kg	200 kg	318 MM / 818 MM	2.573 MM	0 MM / 1.192 MM	2.530 MM / 2.938 MM	887 KG
Winlet 400TL DHB/HS	130 kg / 415 kg	200 kg	450 MM / 1.450 MM	3.100 MM	0 MM / 1.065 MM	2.650 MM / 3.465 MM	912 KG
Winlet 400TL DHB/HS/HR	130 kg / 415 kg	200 kg	450 MM / 1.450 MM	3.100 MM	0 MM / 1.065 MM	2.650 MM / 3.465 MM	942 KG

SPECIFICATIONS*

SIDE SHIFT - 100% linear movements
HYDRAULIC FINE LIFT - Only relevant on HV front
ROTATION OF FRONT**
FRONT WHEEL DRIVE - 24V AC transaxle
SUCTION CUPS

100 MM
200 MM
360 °
1200 W
4 X Ø310 (Ø360 / Ø410 MM***)
OPERATING HOURS - On fully charged batteries
MAX SPEED
SUITABLE FOR OUTDOOR USE - Water resistant
INTEGRATED LIFTING EYE - For lifting of the Winlet
BATTERIES

12 HOURS
0-5 KPH
YES
YES
2 X 90 AH



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

**Winlet 400TL DHB HS HR with hydraulic rotation

***Optional



Winlet 375

Maximum capacity - minimum space

Winlet 375 combines superior lifting capacity and reach with a unique and compact design.

With Winlet 375, you can handle heavy elements up to 375 kg bringing them through rough terrain and narrow doorways.

Due to the compact design, confined spaces such as elevators and balconies are no problem for Winlet 375.

Low weight

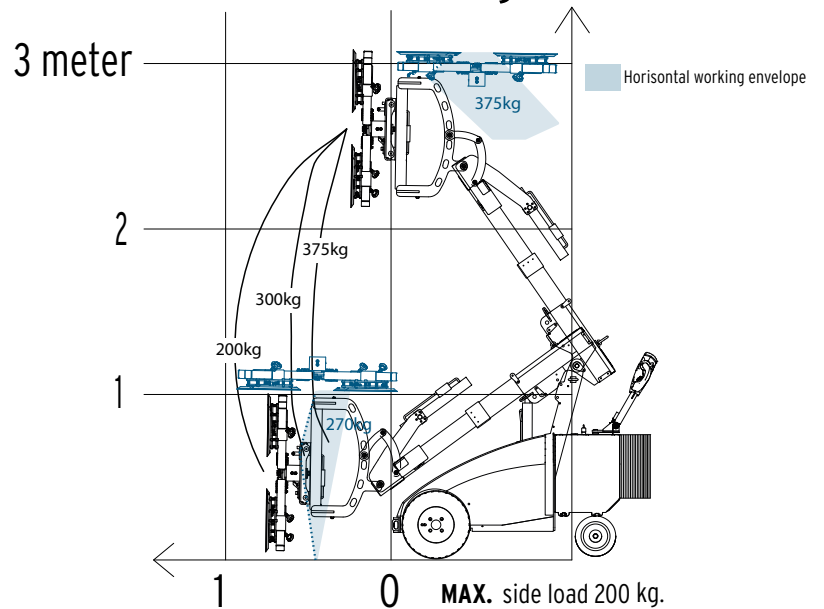
The low weight of Winlet 375 makes it possible to use it where heavier construction equipment cannot be used due to surface pressure.



Winlet 375

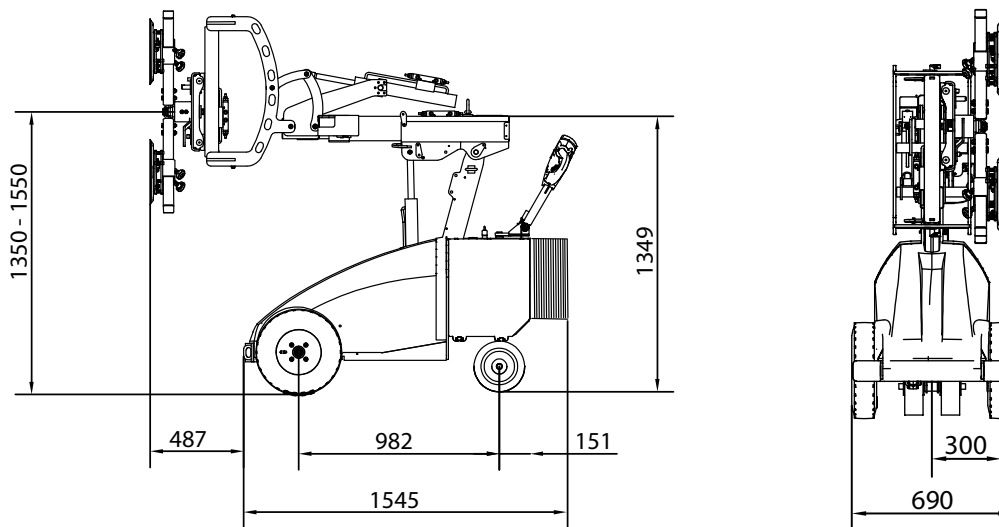


WINLET 375 MAX. LOAD kg.



SPECIFICATIONS*

MAX CAPACITY	375 KG	EXTERNAL LENGTH	1.545 MM
MAX LOAD AT MAX EXTENSION	200 KG	EXTERNAL WIDTH SINGLE/TWIN TIRES	690 MM/920 MM
MAX SIDE MOUNTED LOAD	200 KG	TOTAL WEIGHT - Excl. Counterweights	578 KG
EXTENSION MIN/MAX - Front bumper to suction cup	487 MM / 958 MM	TOTAL WEIGHT - Incl. Counterweights	732 KG
LIFTING HEIGHT MIN/MAX - Horizontal cups down	0 MM / 890 MM	STANDARD SUCTION CUPS	4 X Ø310 MM (Ø360/Ø410 MM)**
LIFTING HEIGHT MIN/MAX - Horizontal cups up	2.670 MM / 3.078 MM	FRONT WHEEL DRIVE - 24v AC transaxle	1200W
MANUAL SIDE SHIFT	100 MM	MAX SPEED	0-5 KPH
HYDRAULIC FINE LIFT ON ARM	200 MM	BATTERIES	2 X 90 AH
TILT FUNCTION OF FRONT - Horizontal arm	BACK: 45° FORTH: 97°	OPERATING HOURS - On fully charged batteries	12 HOURS
ROTATION	ENDLESS		



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

**Optional

- 1500 KG LIFTING CAPACITY
- POWER ASSISTED STEERING



Winlet Lasius 1,5t

Lasius - Maximum lifting power

The Lasius 1,5t is our upgraded heavy-duty model, capable of lifting **up to 1,500 kg**. Enhanced reach and power-assisted steering make it exceptionally maneuverable for challenging lifting tasks.

Lasius 1,5t is ideal for:

- Erecting steel beams and other building elements
- Glass and façade installation
- Machine assembly and repair work
- Packing non-palletized goods in containers

Performance highlights:

- Maximum speed: 4.2 kph (double that of mini cranes on tracks)
- No outrigger leveling required
- Power-assisted steering

Environmentally Friendly

Because the Lasius is battery-powered, it produces no harmful exhaust gases, making it safe for indoor use without causing environmental harm.

Lasius...?

Lasius is the Latin name of a species of ant. Ants are small, can get through the smallest passages and despite their size, are very strong and can carry an impressive load. Winlet Lasius has the same characteristics - hence the name.

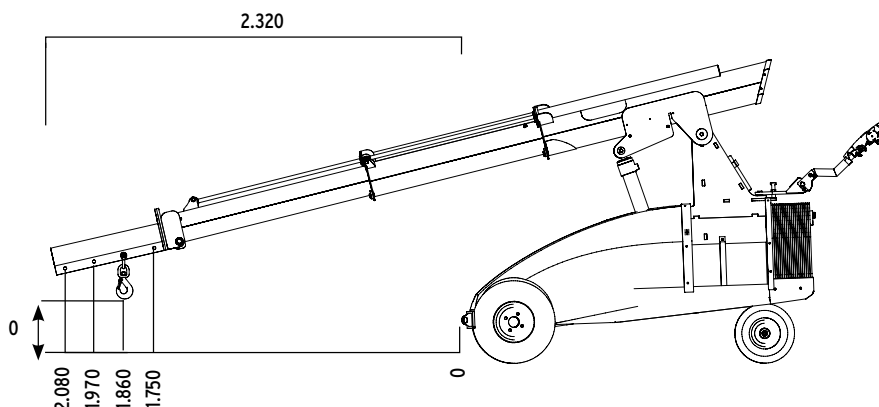
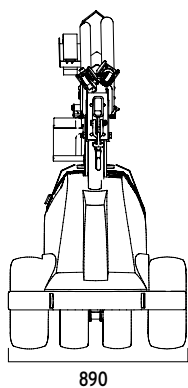
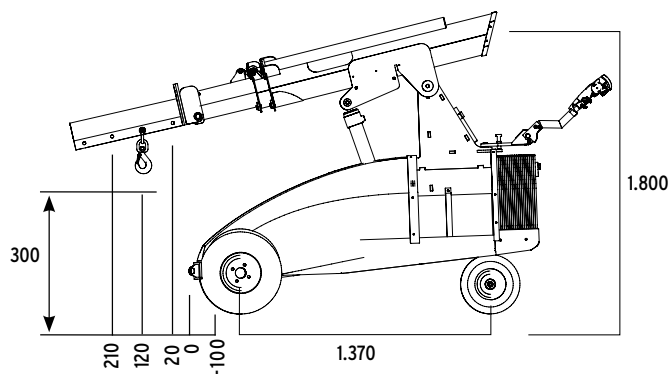
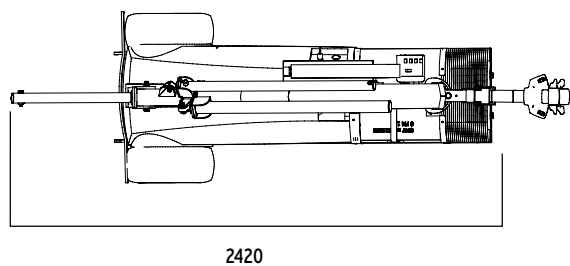
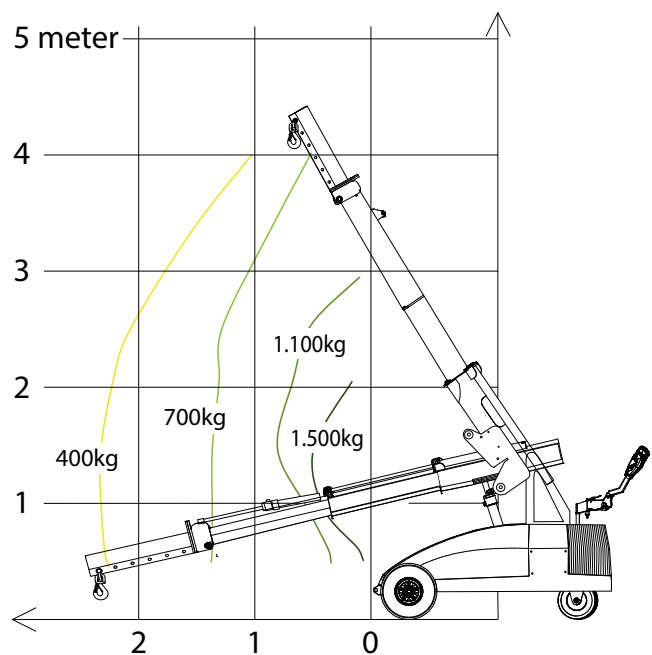


Winlet Lasius 1,5t

SPECIFICATIONS*

MAX LIFTING CAPACITY	1.500 KG
MAX LIFTING HEIGHT	4.240 MM
MIN/MAX DISTANCE - Front bumper to hook	-100 MM / 2.320 MM
EXTERNAL LENGTH	2.420 MM
EXTERNAL WIDTH SINGLE/TWIN TIRES	890 MM / 1.200 MM
TOTAL WEIGHT - Excl. counterweights	1.082 KG
TOTAL WEIGHT - Incl. counterweights	1.535 KG
TOTAL WEIGHT - With wire winch	1.655 KG
BATTERIES	2 x 150 AH
OPERATING HOURS - On fully charged batteries	12 HOURS
CHARGING TIME	8-10 HOURS
MAX SPEED	0-4.2 KPH

LIFTING DIAGRAM MAX. LOAD 1.500 KG



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Winlet Lasius 1t

Versatile with maximum efficiency

Lasius 1t gives traditional crane and handling solutions tough competition.

With the ability to lift **up to 1,000 kg**, its unique performance delivers remarkable savings in both time and capital investment.

Lasius 1t is ideal for:

- Erecting steel beams and other building elements
- Glass and façade installation
- Machine assembly and repair work
- Packing of non-palletized goods in containers

Its compact design allows access where larger machines are limited by size, surface pressure, turning radius, or lifting capacity.

Performance highlights:

- Maximum speed: 4.2 kph (double that of mini cranes on tracks)
- No outrigger leveling required

Environmentally Friendly

Because the Lasius is battery-powered, it produces no harmful exhaust gases, making it safe for indoor use without causing environmental harm.

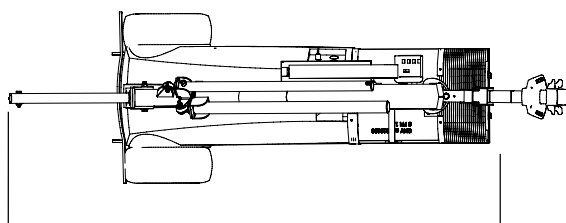
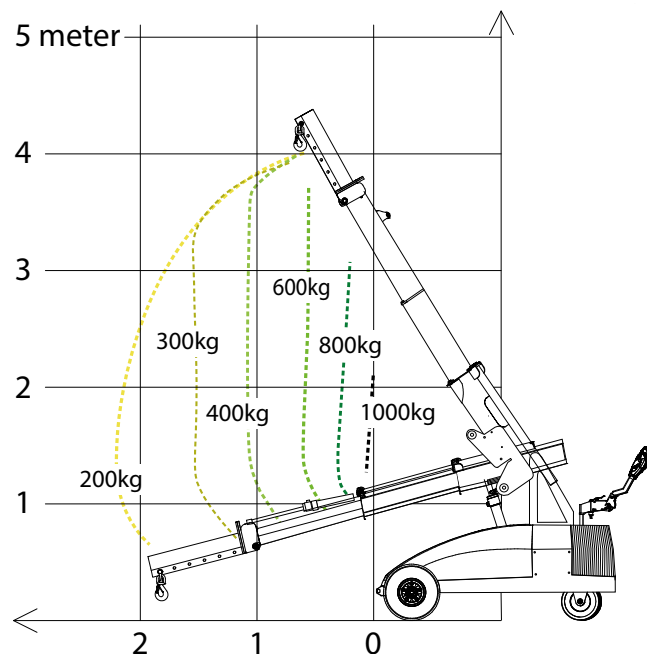


Winlet Lasius 1t

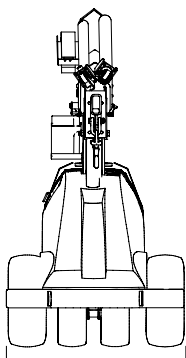
SPECIFICATIONS*

MAX LIFTING CAPACITY	1.000 KG
MAX LIFTING HEIGHT	4.000 MM
MIN/MAX DISTANCE - Front bumper to hook	113 MM / 2.235 MM
EXTERNAL LENGTH	2.500 MM
EXTERNAL WIDTH SINGLE/TWIN TIRES	890 MM / 1.200 MM
TOTAL WEIGHT - Excl. counterweights	850 KG
TOTAL WEIGHT - Incl. counterweights	1.125 KG
TOTAL WEIGHT - With wire winch	1.245 KG
BATTERIES	2 x 150 AH
OPERATING HOURS - On fully charged batteries	12 HOURS
CHARGING TIME	8-10 HOURS
MAX SPEED	0-4.2 KPH

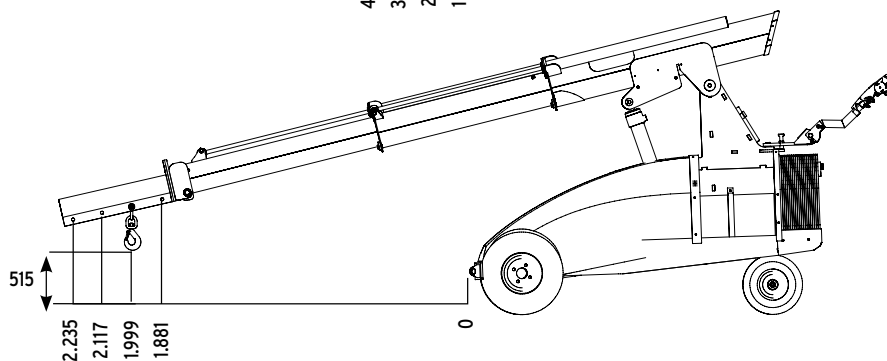
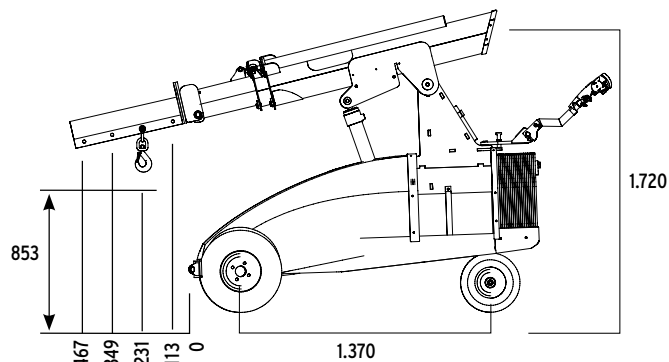
LIFTING DIAGRAM MAX. LOAD 1.000 KG



2500



880



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Winlet Lasius 550

Compact Solution for Efficient Lifting

The Lasius 550 is the nimble solution for tight spaces, capable of lifting up to 550 kg.

Designed to maximize maneuverability without sacrificing performance, it's ideal for indoor and compact site operations.

Lasius 550 is ideal for:

- Installation of steel beams
- Glass and façade installation
- Machine assembly and repair work
- Various lifting tasks in restricted spaces

Time and cost savings

Its unique performance capabilities allow you to complete tasks faster and with greater precision, maximizing productivity and minimizing downtime.

Environmentally Friendly

Because the Lasius is battery-powered, it produces no harmful exhaust gases, making it safe for indoor use without causing environmental harm.

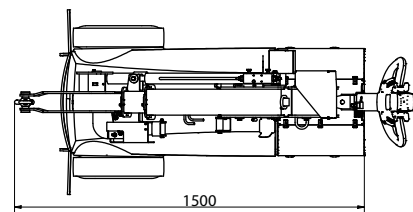
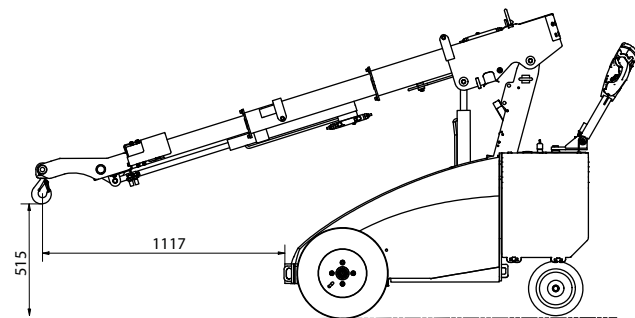
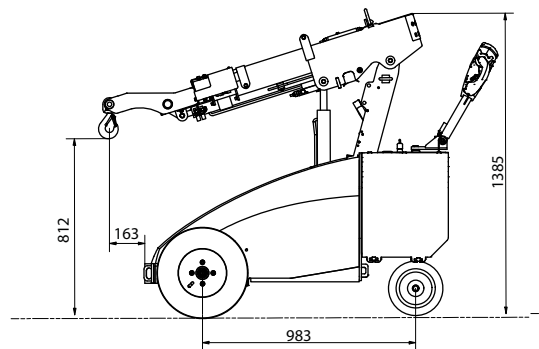
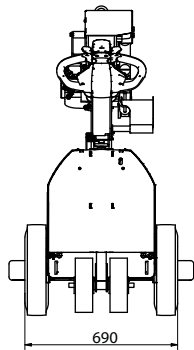
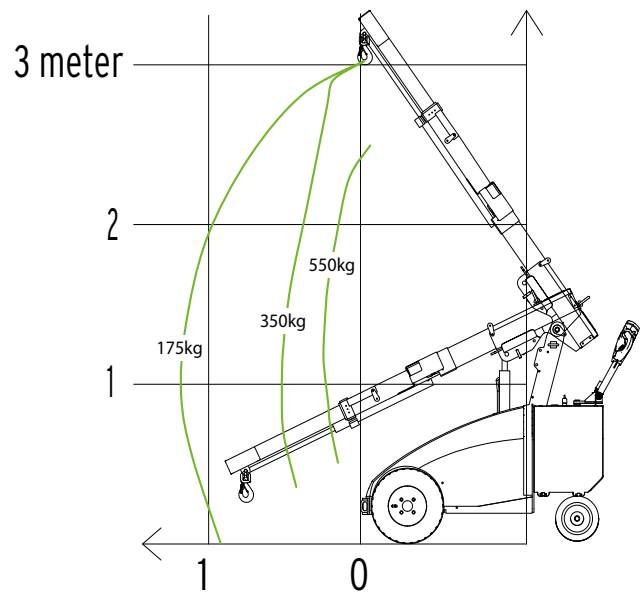


Winlet Lasius 550

SPECIFICATIONS*

MAX LIFTING CAPACITY	550 KG
MAX LIFTING HEIGHT	3,000 MM
EXTERNAL LENGTH	1,500 MM
EXTERNAL WIDTH SINGLE/TWIN TIRES	690 MM / 920 MM
TOTAL WEIGHT	770 KG
TOTAL WEIGHT - With wire winch	890 KG
BATTERIES	2 x 90 AH
OPERATING HOURS - On fully charged batteries	12 HOURS
CHARGING TIME	8-10 HOURS
MAX SPEED	0-4,2 KPH

WINLET LASIUS 550 MAX. LOAD kg.



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Winlet - Superior usability



User friendly operating panels of your choice

Choose between three 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 at a time step-less.
3. **Radio Remote**, cable free proportional control of more hydraulic functions at a time.*

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.



*Not available for Winlet 350TH, Winlet 375 and Winlet 600

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	



With **GMV** you also get...



Ergonomic and effective handling of plasterboards and other building materials with **ErgoMover**

ErgoMover is the original electric transport trolley designed to cope with heavy loads on site. The ErgoMover is designed to transport and handle full stacks of plasterboards and to transport all other building materials in spaces where it is not possible to use forklift trucks or other machines equipped with forks.

www.ergomover.eu



With **GMV** you also get...



GMVs Handling products designed to assist manual heavy lifting in the industry

GMV assists manual heavy lifting in all industries. We either base our solutions on products from the many foreign manufacturers for which we act as dealers or on our own products developed in-house from our vast experience gained over more than 30 years. When a standard solution does not match the specific task, our engineering team will design a customized solution in consultation with the customers.

www.handlingproducts.dk



GMV A/S was founded in 1988. In 2008, the company was acquired by Jesper Faurskov and Erik Pedersen. In 2025, GMV became part of the Amplex Group, marking a significant expansion of the company's reach and capacity.

The vision of GMV is:

GMV must be at the cutting edge of market needs, and match these needs by developing unique technical solutions which aid heavy manual lifting with modern design.

A HEALTHY WORKING ENVIRONMENT MEANS HAPPY EMPLOYEES

GMV provides solutions for heavy manual lifting for the building and manufacturing industries.

CONSULTING, ENGINEERING AND PLANNING

We are with you from start to finish. We provide qualified advice and listen to your needs.

THE MARKETS BEST SOLUTIONS AND PRODUCT BRANDS

We provide innovative solutions that suit your needs.

LOCAL COMPANY WITH GLOBAL SALES

With our strong dealer network, we sell products worldwide.

EDUCATION AND SERVICE

Our highly trained experts guide and instruct distributors and end users.

ASSEMBLY AND MAINTENANCE CHECK

Our strong team is responsible for assembly and service, both locally and internationally.

PRODUCT DEVELOPMENT

GMV develops products from scratch. Focus is always on a good working environment.

MODERN INDUSTRIAL DESIGN

Our award-winning Danish design is combined with unique technical solutions for both the building and manufacturing industries.

DANISH PRODUCTION LINE ACCORDING TO EUROPEAN STANDARDS

We have our own local production and use local suppliers. This ensures local jobs and high quality.

THOROUGH FACTORY TESTING AND DOCUMENTATION

All of our products undergo rigorous testing before leaving the factory and comprehensive technical documentation always accompanies our products.

TRAINING FOR SERVICE TECHNICIANS

To ensure that our products last as long as possible and that local laws are respected, we conduct thorough training with your service technicians - both nationally and internationally.



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