

# Winlet

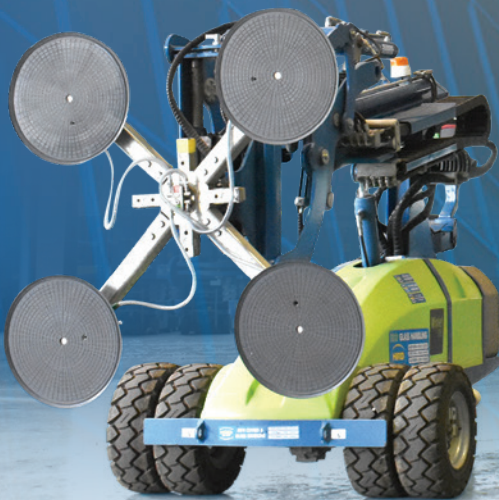
UK and Ireland distributor

## GLASS LIFTING YOUR CLEAR ADVANTAGE

**SAFER** LIFTING

MORE **PRECISE** LIFTING

MORE **PRODUCTIVE** LIFTING



[www.winlet.co.uk](http://www.winlet.co.uk)



# WINLET 350TH

A glazing robot with a manipulator head for heights

The **Winlet 350TH** is designed to fit on most telehandlers to provide an excellent solution where height or ground conditions prevent the use of a standard Winlet or Mini Crane.



**350kg** max lifting capacity



Vacuum robots course



Technical Specifications	
Max Lifting Capacity	350kg
Lift Height	2700mm
Max Extension from front bumper to suction cup	790mm
Extension Capacity - at max extension	200kg
Side Lift Capacity	200kg
Tilt Function	180°
Rotation	360°
Fine Lift on Jib Head	500mm
Suction Cups (Glass)	6 @ 270mm
Total Machine Weight	400kg
Battery	2x 95 AH
Forklift Points	70mm x 150mm
Remote Control	Wired



Multifunction control panel in operator friendly design with integrated buttons. Signal lights and double action safety keys are both in the standard setup on the Winlet 350TH.



The Winlet 350TH is designed to fit onto Telehandlers or Forklifts, with ease.

## Accessories

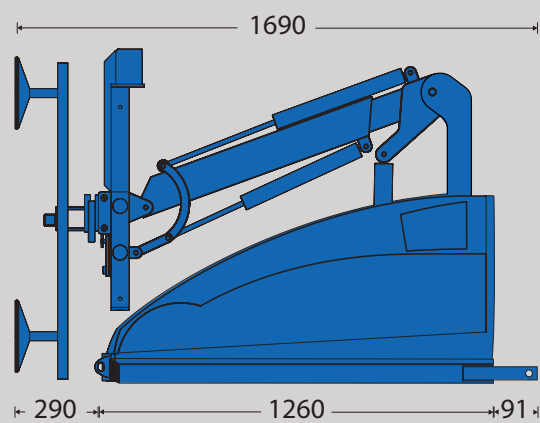
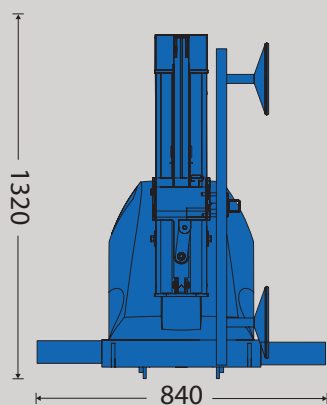
- Wireless Radio Remote
- Quick Connector Set for Suction Cups
- Quick connector Set for Main Supply
- Individual Shut Off Valves for Cups
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- All Weather Protection Kit
- Stone Suction Cups



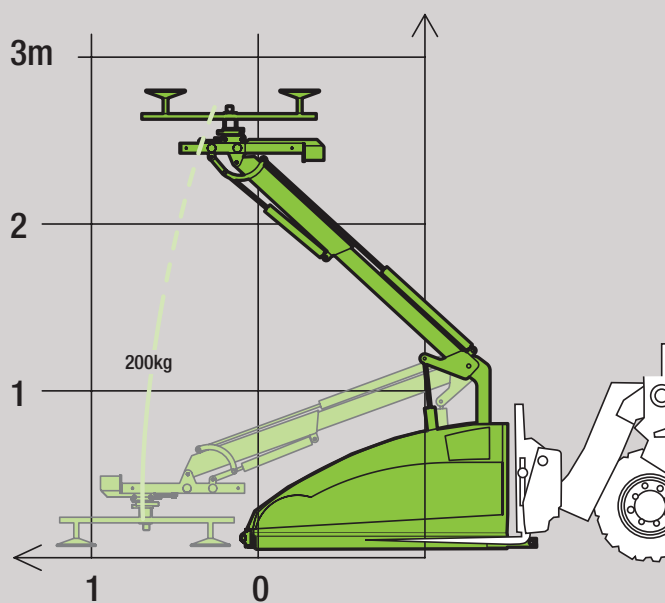


The Winlet 350TH has a hydraulic system which makes it independent from the telehandler

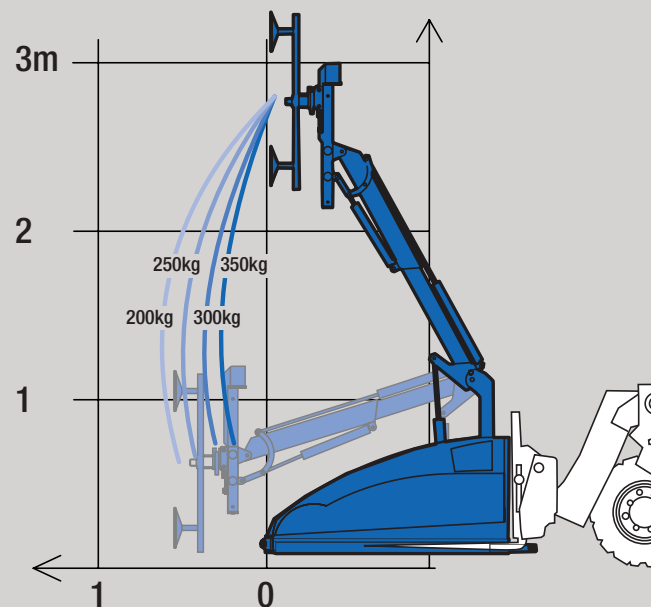
## Dimensions



## Pick up and place



## Reach





# WINLET 375

## Maximum Capacity - Minimum Space

The **Winlet 375** combines superior lifting capacity and reach with a unique and compact design coupled with its low weight makes it ideal in almost any construction environment



**375kg** max lifting capacity



Vacuum robots course



### Technical Specifications

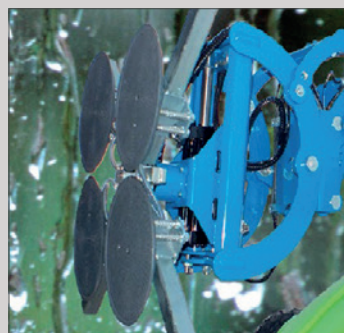
Max Lifting Capacity	375kg
Lift Height	3078mm
Max Extension from front bumper to suction cup	958mm
Extension Capacity - at max extension	200kg
Side Lift Capacity	200kg
Tilt Function	Back 45° Forth 97°
Rotation	360°
Linear	200mm
Fine Lift on Jib Head	100mm
Suction Cups (Glass)	4 @ 310mm
Total Machine Weight	732kg
Light Weight - excluding counterweights	578kg
Battery	2x 90 AH
Remote Control	Wired

### Accessories

- Lifting fork and lifting hook
- Lifting sling
- Shut off valves
- Quick connections
- Extensions of the beams
- Radio remote control
- Quick shift for telehandler

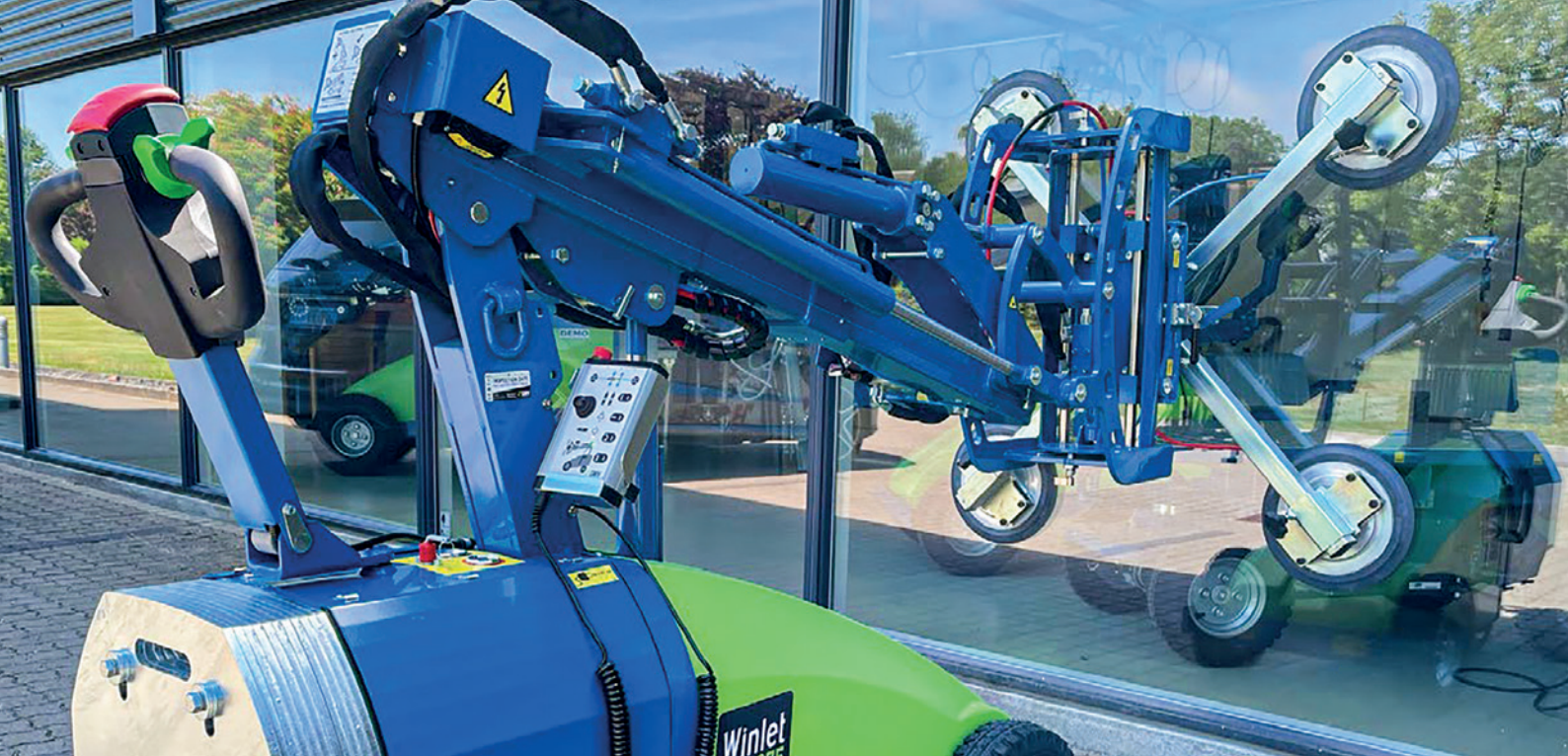


Operator-friendly design and integrated buttons make the multi-function control panel easy to use. Signal lights and double-action safety keys are included in the standard Winlet 375 set-up.



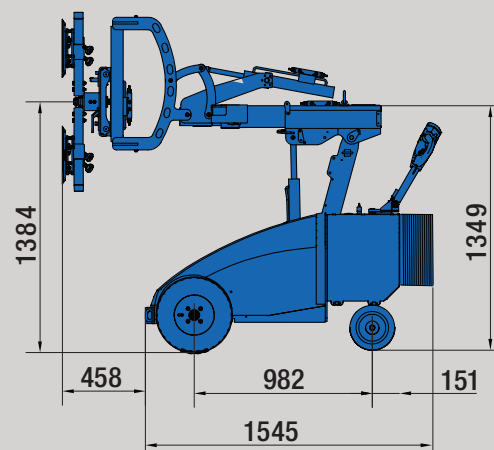
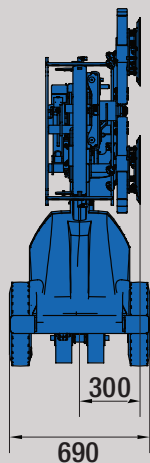
All equipment panels are water jet resistant and dust tight to IP65 rating standard.



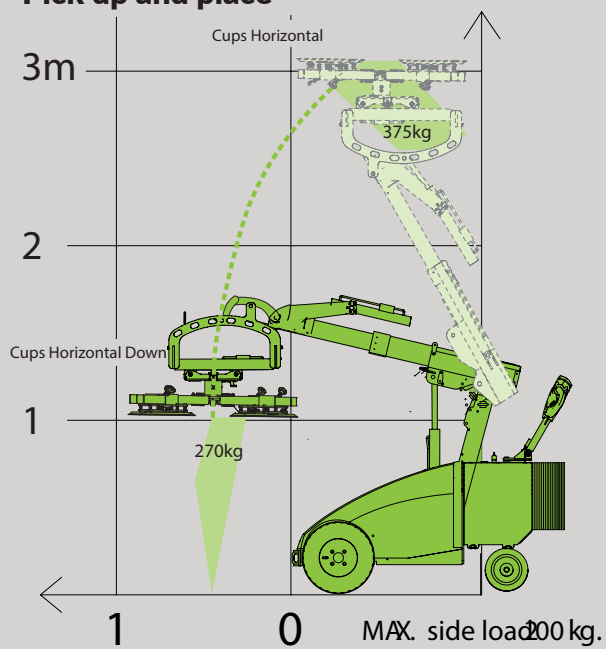


The Winlet 375 glazing robot minimises manual handling to maximise safety and productivity.

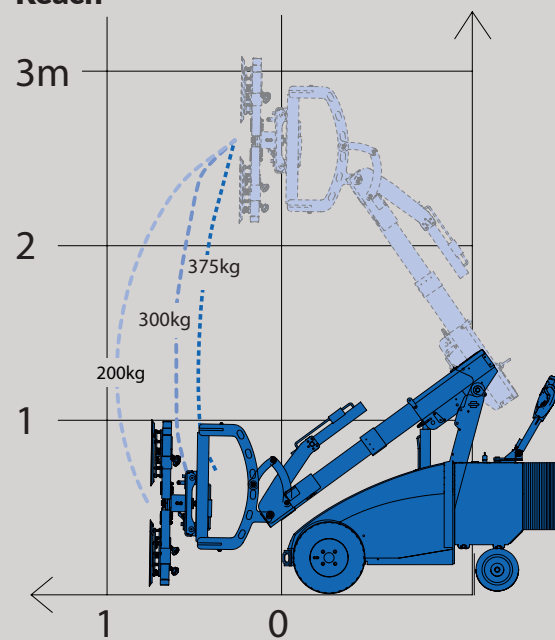
## Dimensions



## Pick up and place



## Reach





# WINLET 400TL

All the latest technology for lighter loads

A new addition to the fleet, the **Winlet 400TL** has the very latest versatile manipulator head from Winlet gives you excellent control in lifting loads up to 415kg.



**415kg** max lifting capacity



Vacuum robots course



Technical Specifications	
Max Lifting Capacity	415kg
Lift Height	3625mm
Max Extension from front bumper to suction cup	1950mm
Extension Capacity - at max extension	215kg
Side Lift Capacity	200kg
Tilt Function	141°
Rotation	360°
Fine Lift on Jib Head	100mm
Suction Cups (Glass)	4@ 350mm
Total Machine Weight	850kg
Battery	2x 95 AH
Remote Control	Wired

## Accessories

- Wireless Radio Remote
- Support Legs
- Twin Wheels
- Drive Alarm
- LED Flashing Beacon
- Protective Cup Covers
- Drive Handle Cover
- Stone Suction Cups



Winlet 400 TL is equipped with extra wide steering traction wheels provide greater stability and the capability to manoeuvre outdoors.



Wired remote control allows accurate placement of materials, such as:

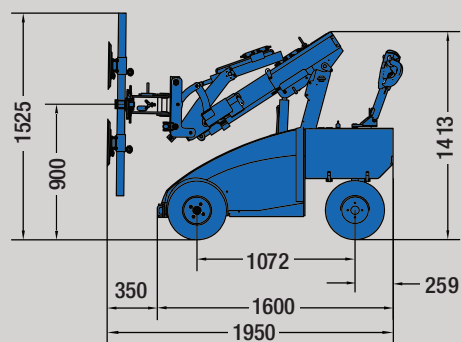
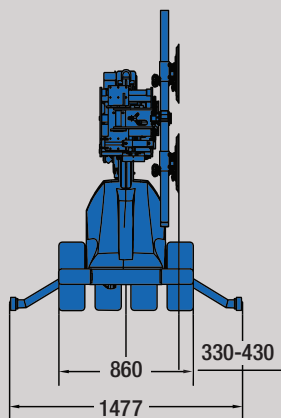
- Granite
- Concrete
- Wood
- Plasterboard
- Steel
- Tiles
- Fire Doors



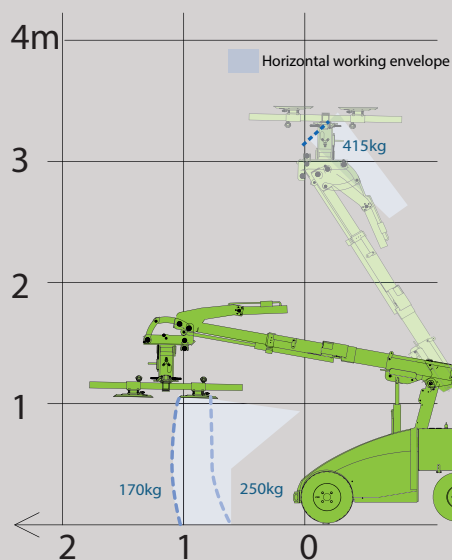


The Winlet 400TL combines superior lifting capacity and reach, with unique stability and off-road capabilities

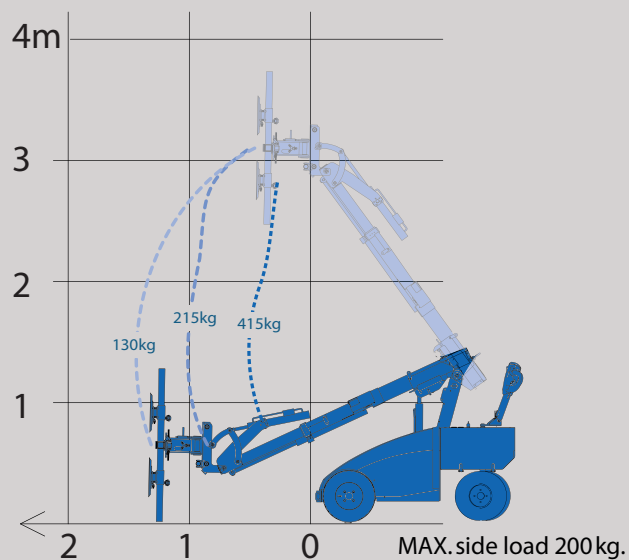
## Dimensions



## Pick up and place



## Reach





# WINLET 575

Boost productivity and safety,  
the smart lifting option.

The **Winlet 575**, like other Winlets,  
can be used to lift a range of materials.  
With a 575kg capacity, the unit  
replaces the need for traditional  
lifting methods.



**575kg** max lifting capacity



Vacuum robots course



## Technical Specifications

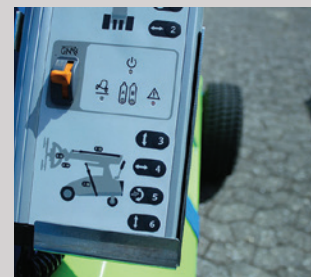
Max Lifting Capacity	575kg
Lift Height	3600mm
Max Extension from front bumper to suction cup	1800mm
Extension Capacity - at max extension	275kg
Side Lift Capacity	275kg
Tilt Function	180°
Rotation	180°
Linear	75mm
Fine Lift on Jib Head	190mm
Suction cups (Glass)	4@ 350mm
Total Machine Weight	1300kg
Light Weight - excluding counterweights	1025kg
Battery	2x 150 AH
Remote Control	Wired

## Accessories

- Wireless Radio Remote
- Support Legs
- Extra Wide Steering Wheel
- Twin Wheels
- Quick Connector Set for Suction Cups
- Drive Alarm
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- Drive Handle Cover
- All Weather Protection Kit
- Stone Suction Cups



Easy to operate stabilisers



Wired remote control  
allows accurate placement  
of materials

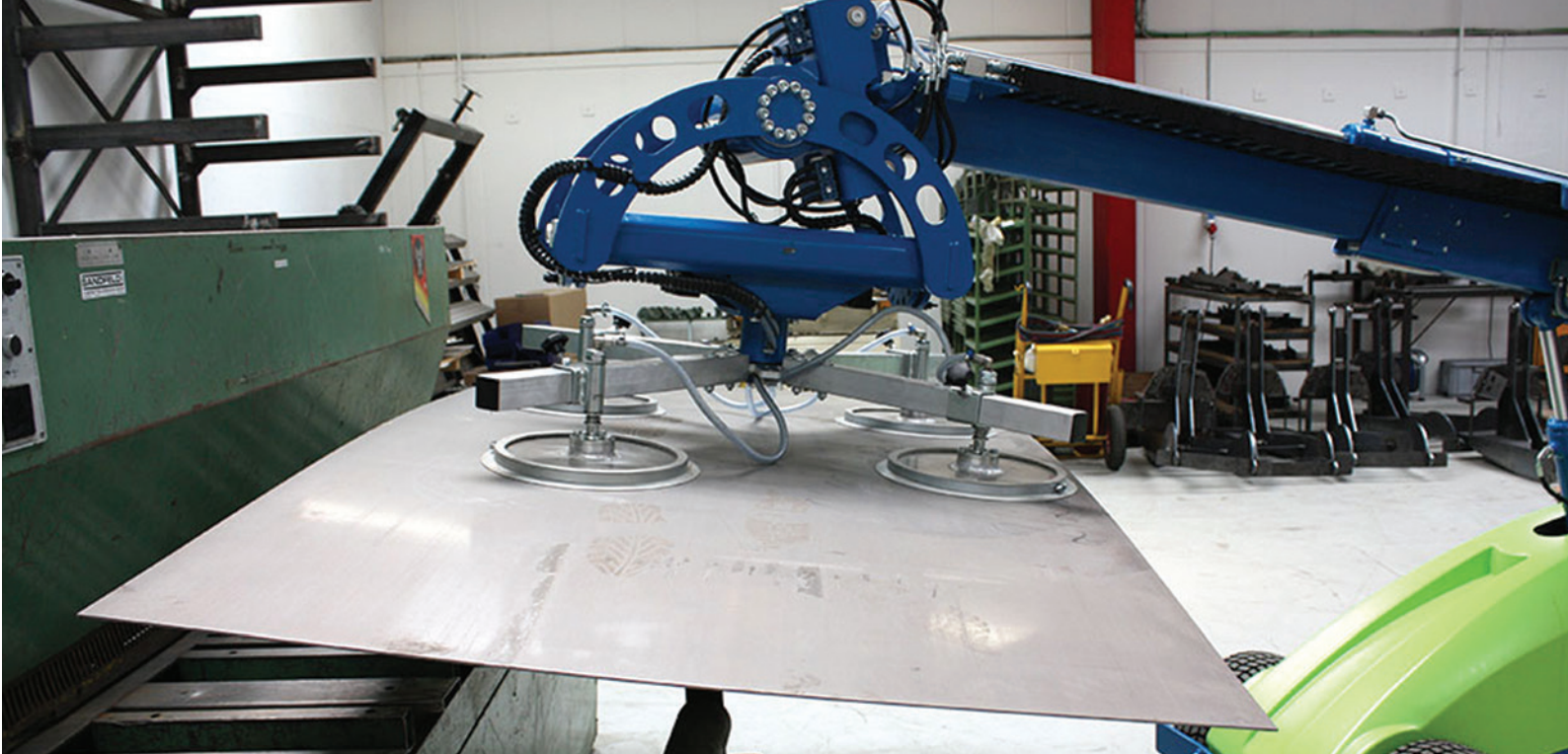


Lift a wide range of materials  
by changing the suction cups



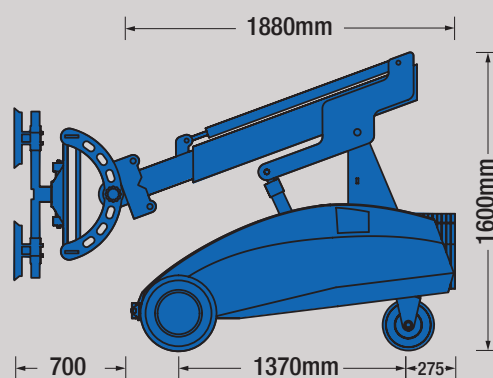
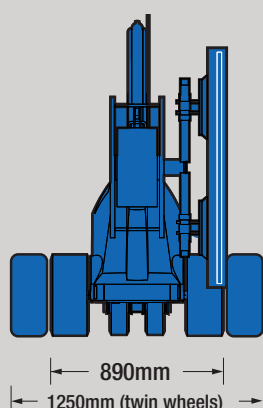
Twin wheels for rough  
terrain (optional)



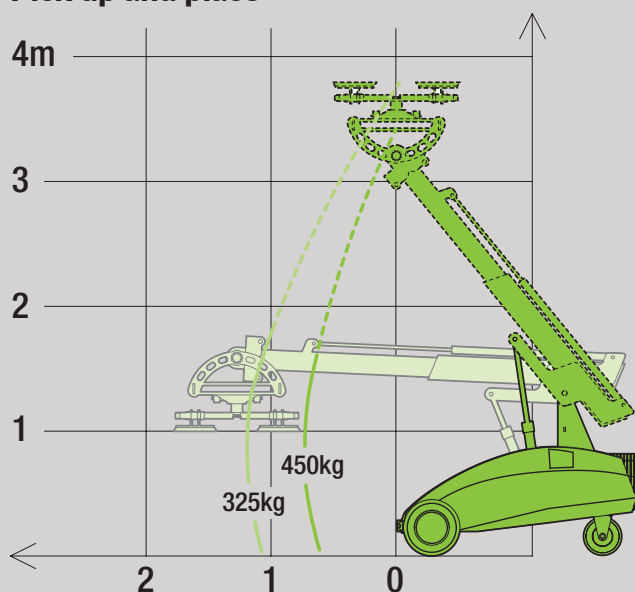


Intelligent load monitoring on all Winlet robots protects the lifting team and the load

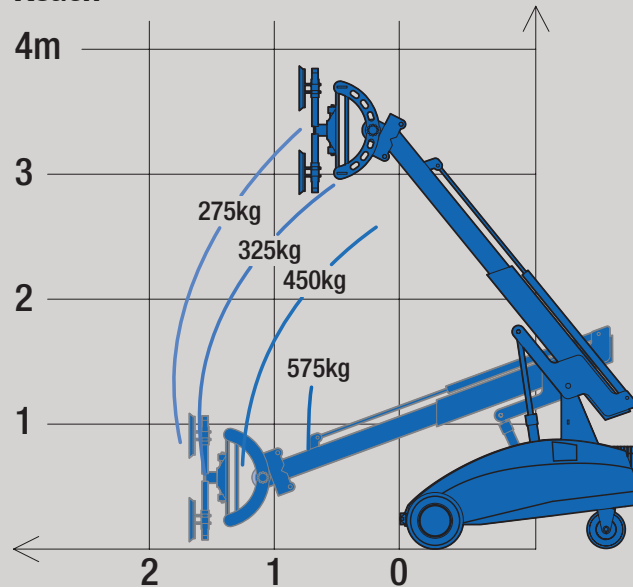
## Dimensions



## Pick up and place



## Reach





# WINLET 575TH

The **Winlet 575TH** is a glazing robot attachment designed to fit onto Telehandlers or Forklifts.

It has a maximum lifting capacity of 575kg and is ideal for installation of windows where terrain is difficult at a low level, or at a higher level where the telehandler can reach.



**575kg** max lifting capacity



Vacuum robots course



## Technical Specifications

Max Lifting Capacity	575kg
Lift Height	2700mm
Max Extension of the Arm	400mm
Hydraulic Side Shift	100mm
Hydraulic Fine Lift on Arm	200mm
Hydraulic Head Slewing	2 x 30°
Tilt Function - Horizontal Arm	Back 60° / Forth 86°
Rotation	360°
Suction Cups (Glass)	4 @ 410mm
Total Machine Weight	781kg
Battery	2x 60 AH
Forklift Points	70mm x 150mm
Remote Control	Wired



Multifunction control panel in operator friendly design with integrated buttons.

Signal lights and double action safety keys are both in the standard setup on the Winlet 575TH.



Fits onto Telehandler or forklifts with ease

With 7 hydraulic functions – both lateral / vertical movement, rotation and head slewing – glass panels can be manoeuvred carefully and precisely

## Accessories

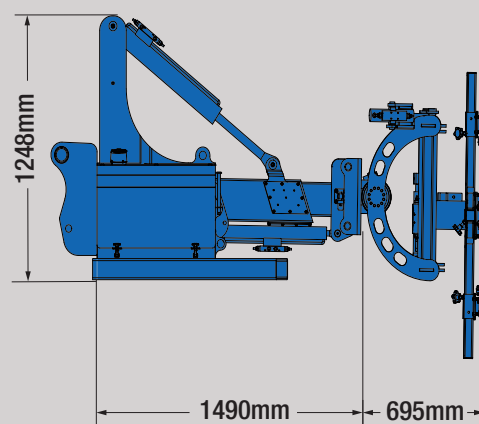
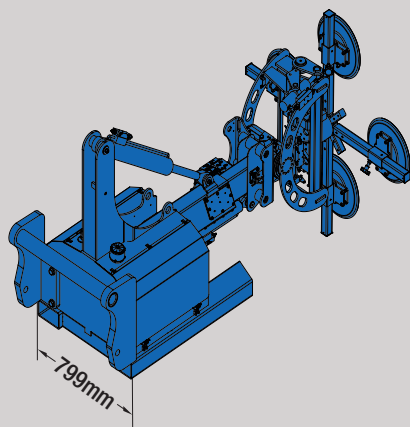
- Wireless Radio Remote
- Quick Connector Set for Suction Cups
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- Drive Handle Cover
- All Weather Protection Kit
- Stone Suction Cups



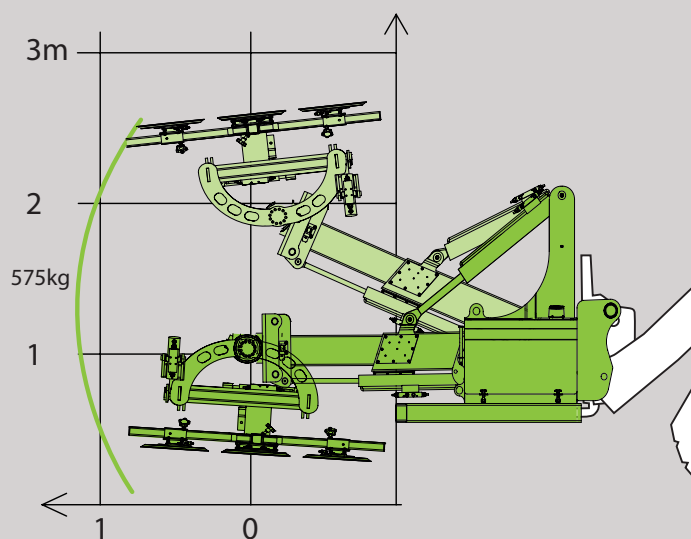


The Winlet 575TH has a hydraulic system which makes it independent from the telehandler

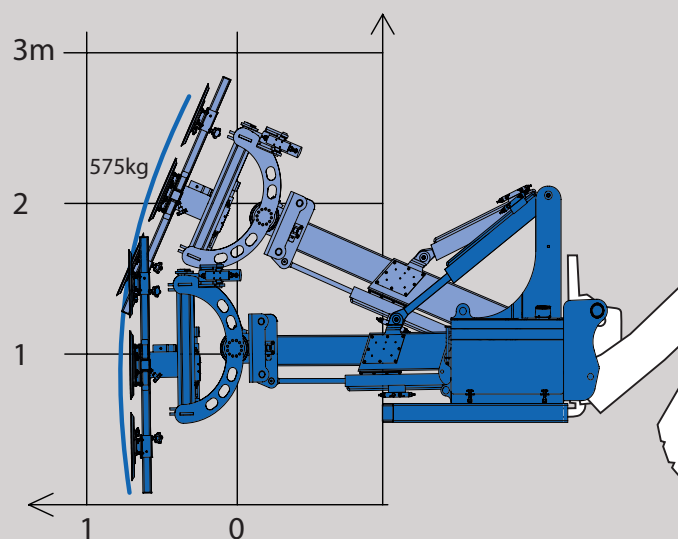
## Dimensions



## Pick up and place



## Reach





# WINLET 600

Fast and safe lifting and carrying for heavier loads.

The **Winlet 600** combines superior lifting capacity and reach without compromising its compact design. Operators will be able to work more efficiently, resulting in fewer injuries and fast installation.



**600kg** max lifting capacity



Vacuum robots course



## Technical Specifications

Max Lifting Capacity	600kg
Lift Height	3300mm
Max Extension from front bumper to suction cup	1300mm
Extension Capacity - at max extension	300kg
Side Lift Capacity	300kg
Tilt Function	180°
Rotation	360°
Linear	100mm
Fine Lift on Jib Head	190mm
Suction Cups (Glass)	4 @ 350mm
Total Machine Weight	1060kg
Light Weight - excluding counterweights	865kg
Battery	2x 95 AH
Remote Control	Wired

## Accessories

- Wireless Radio Remote
- Support Legs
- Twin Wheels
- Quick Connector Set for Suction Cups
- Drive Alarm
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- Drive Handle Cover
- All Weather Protection Kit
- Stone Suction Cups



Intelligent load monitoring protects the operator and the load



Wired remote control allows accurate placement of materials



Lift a wide range of materials by changing the suction cups



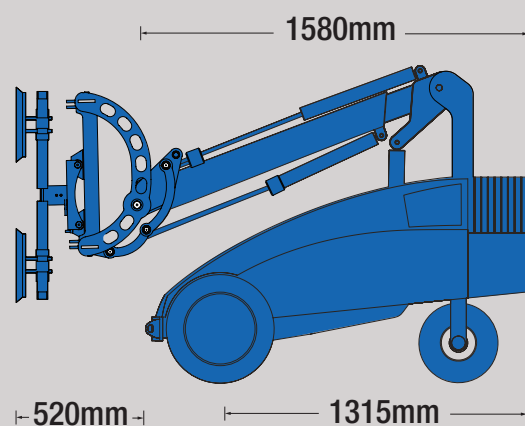
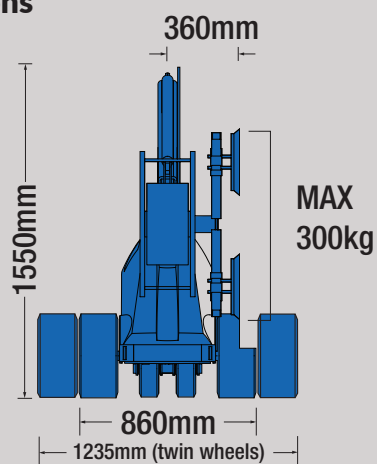
Twin wheels for rough terrain (optional)



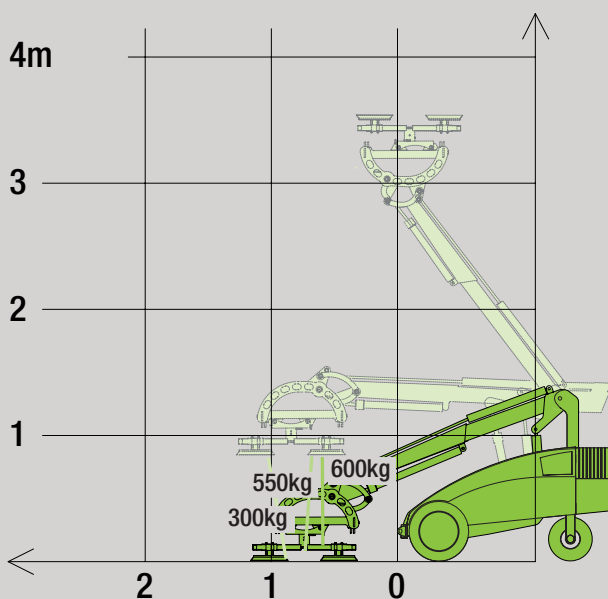


The Winlet 600 is narrow and its powered steering makes it highly manoeuvrable

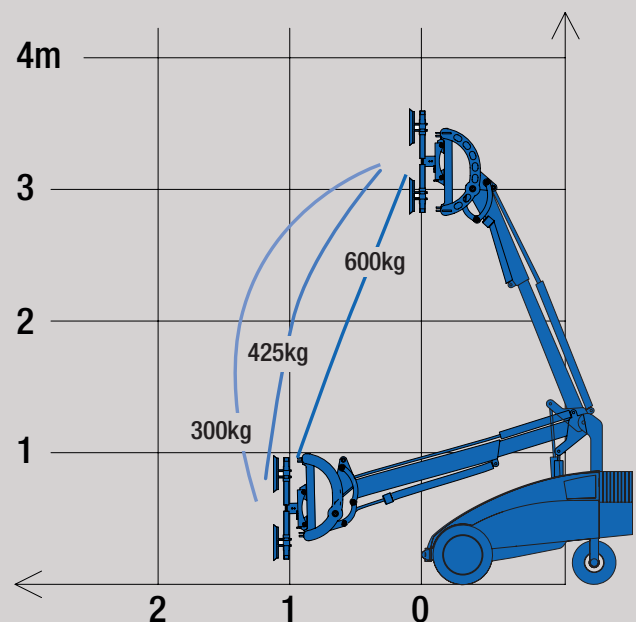
## Dimensions



## Pick up and place



## Reach





# WINLET 785

Simpler lifting for enhanced productivity and safety.

The **Winlet 785** combines pick and carry and lifting duties in one reliable machine. Glazing or glass panels weighing up to 785kg can be lifted, and installed with ease.



**785kg** max lifting capacity



Vacuum robots course



## Technical Specifications

Max Lifting Capacity	785kg
Lift Height	3970mm
Max Extension from front bumper to suction cup	2500mm
Extension Capacity - at max extension	100kg
Side Lift Capacity	275kg
Tilt Function	180°
Rotation	180°
Linear	75mm
Fine Lift on Jib Head	200mm
Suction Cups (Glass)	4 @ 410mm
Total Machine Weight	1422kg
Light Weight - excluding counterweights	1142kg
Battery	2x 150AH
Remote Control	Wired

## Accessories

- Wireless Radio Remote
- Support Legs
- Twin Wheels
- Quick Connector Set for Suction Cups
- Drive Alarm
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- Drive Handle Cover
- All Weather Protection Kit
- Stone Suction Cups



Intelligent load monitoring protects the operator and the load



Multifunction control panel with integrated buttons and signal lights



Easy to adapt to carry other materials including: granite, concrete, plasterboards, steel panels or plates, tiles, wooden panels & doors



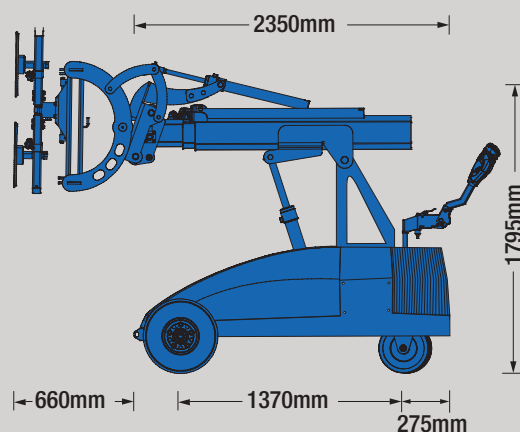
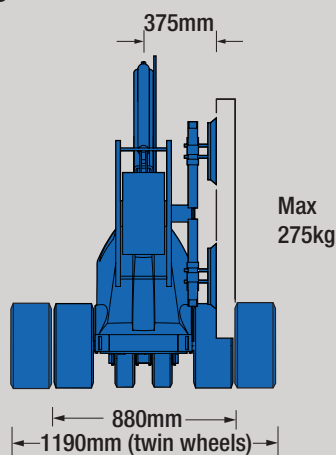
Twin wheels for rough terrain (optional)



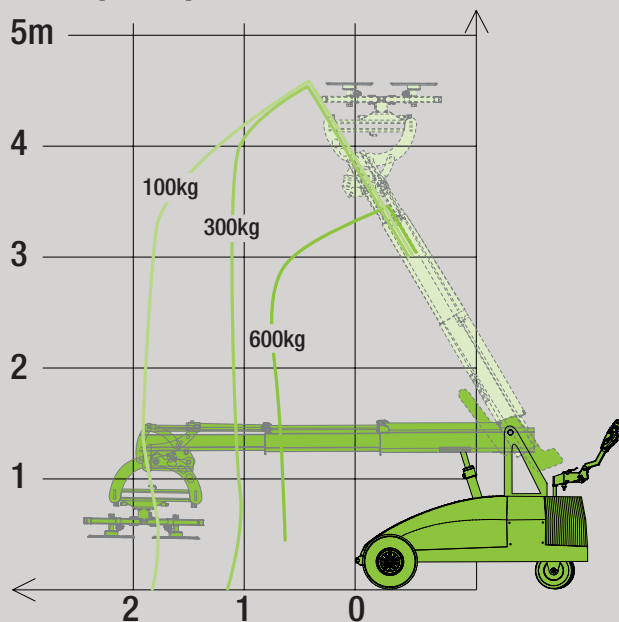


Compact design makes the Winlet 785 suitable for operating in confined spaces and transported in construction hoists

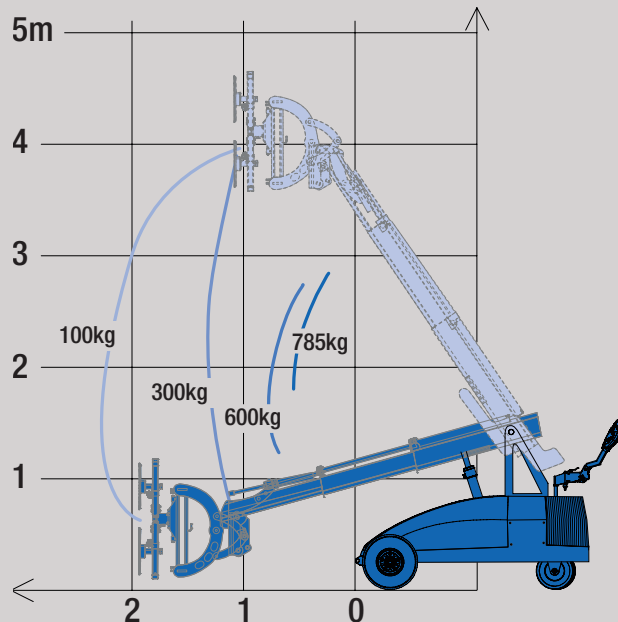
## Dimensions



## Pick up and place



## Reach





# WINLET 1000

The glazing robot with a 1 tonne capacity

The **Winlet 1000** can lift 1t yet is ideal for working across rough terrain and low load bearing floors.



**1000kg** max lifting capacity



Vacuum robots course



## Technical Specifications

Max Lifting Capacity	1000kg
Lift Height	4100mm
Max Extension from front bumper to suction cup	2500mm
Extension Capacity – at max extension	300kg
Side Lift Capacity	300kg
Tilt Function	180°
Rotation	180°
Linear	75mm
Fine Lift on Jib Head	200mm
Suction Cups (Glass)	4 @ 410mm
Total Machine Weight	1850kg
Light Weight - excluding counterweights	1300kg
Battery	2x 150 AH
Remote Control	Wired

## Accessories

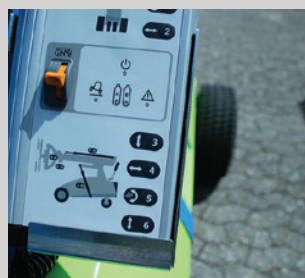
- Wireless Radio Remote
- Support Legs
- Twin Wheels
- Quick Connector Set for Suction Cups
- Drive Alarm
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- Drive Handle Cover
- All Weather Protection Kit
- Stone Suction Cups



Winlet 1000 has a huge maximum reach of 2.6m



Twin wheels for rough terrain (optional)

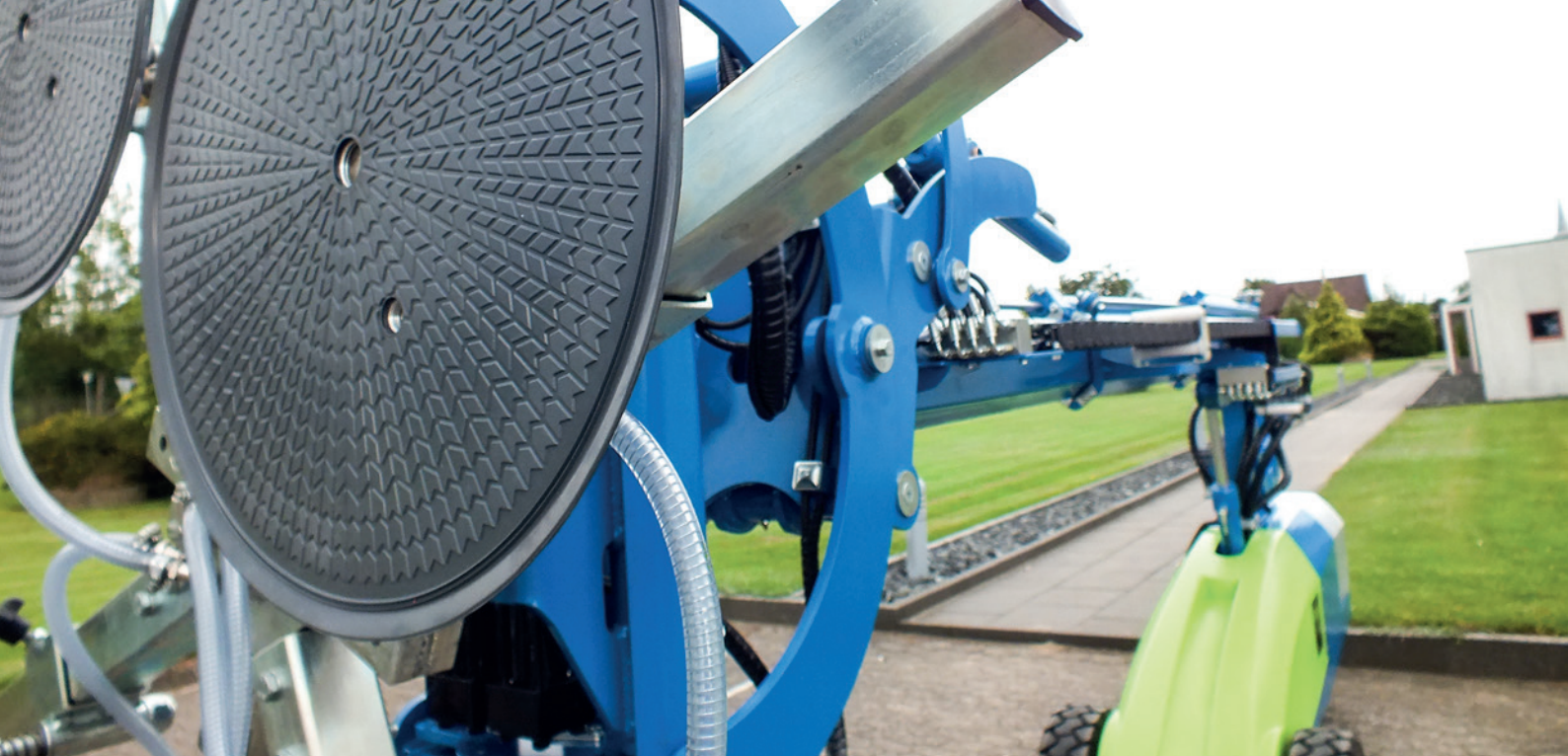


Multifunction control panel with integrated buttons and signal lights



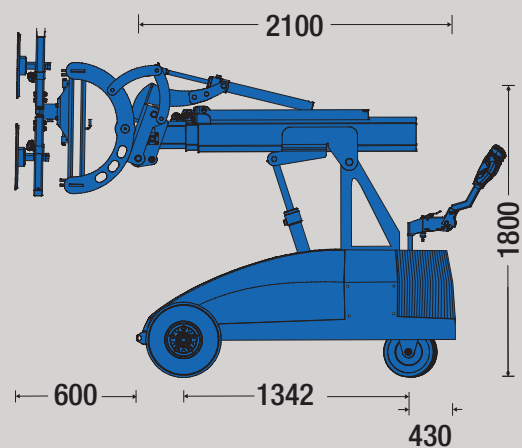
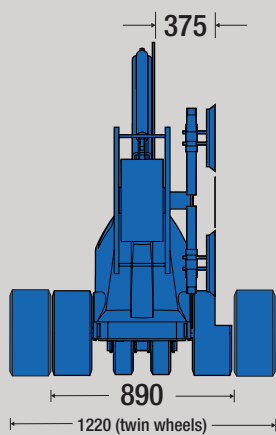
Intelligent load monitoring protects the operator and the load



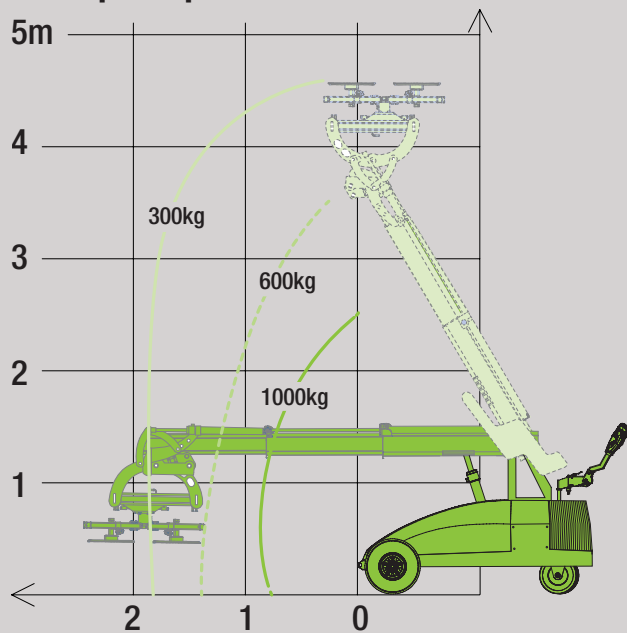


The Winlet 1000 has an unrivalled lift and reach capacity along with a low weight / low surface pressure

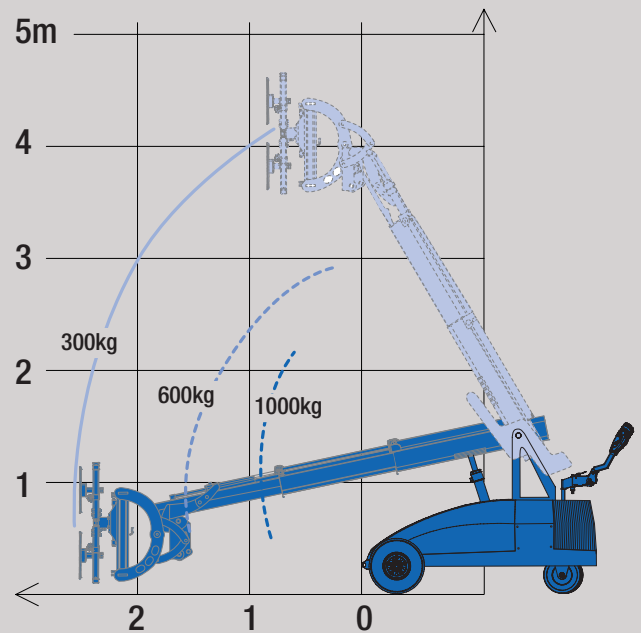
## Dimensions



## Pick up and place



## Reach





# WINLET 1000 TRX

Introducing the go (almost) anywhere glazing robot

The **Winlet 1000 TRX** Bi-Levelling is an admiral glazing robot distinguished by its all-terrain manoeuvrability. It can dynamically level the glazing manipulator on both tracking axes simultaneously.

**1000kg** max lifting capacity



Vacuum robots course



Technical Specifications	
Max Lifting Capacity	1000kg
Lift Height	4500mm
Max Extension from front bumper to suction cup	2600mm
Extension Capacity - at max extension	350kg
Max Travelling Speed	2.2Km/ph
Suction Cups (Glass)	4 @ 410mm
Total Machine Weight	2850kg
Battery	48V, 420 AH
Remote Control	Wired

## Accessories

- Quick Connector Set for Suction Cups
- LED Flashing Beacon
- Protective Cup Covers
- Remote Control Cover
- Stone Suction Cups



## Crawled traction and low ground pressure

The Winlet Crawler Bi-Levelling can operate on all types of terrain, allowing for maximum manoeuvrability and precision even in the narrowest of spaces.



## Dynamic Levelling

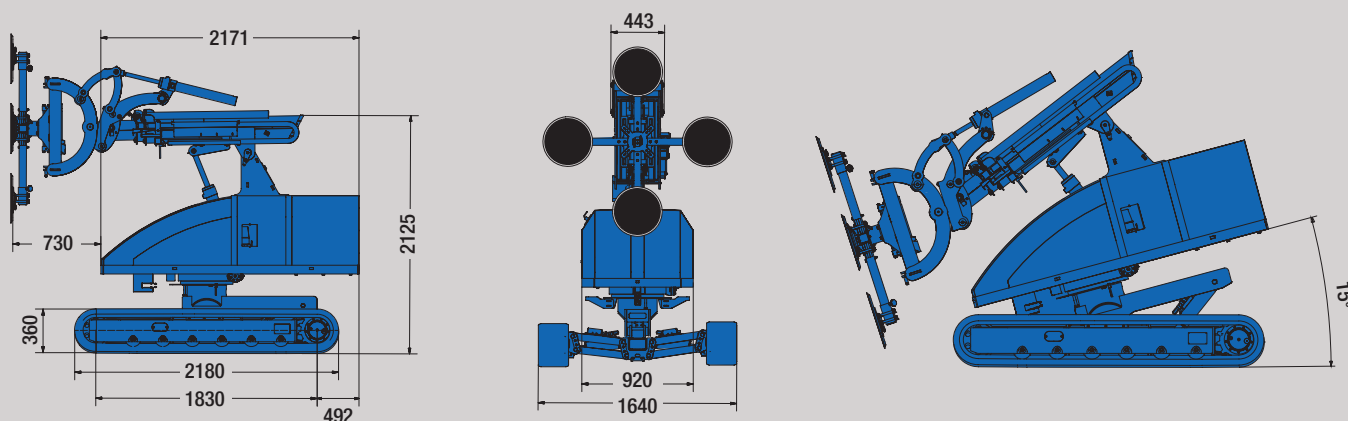
The levelling of the manipulator is completely automatic when using the Dynamic Levelling System even on slopes or uneven surfaces



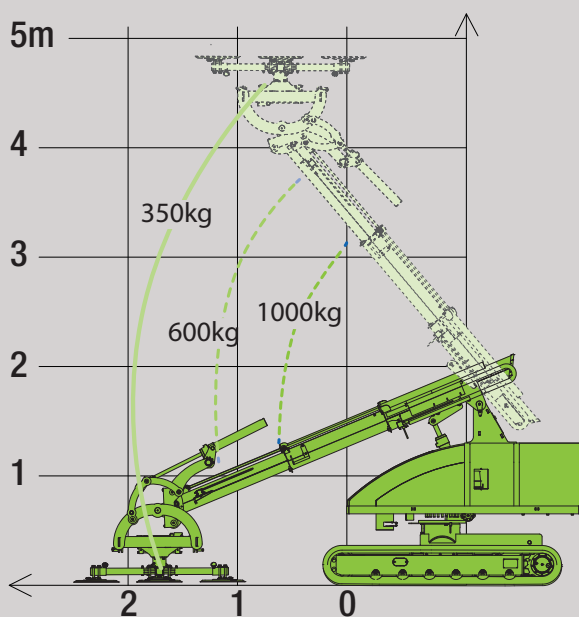


The Winlet 1000TRX has sophisticated sensors so loads are always transported and lifted safely and optimally

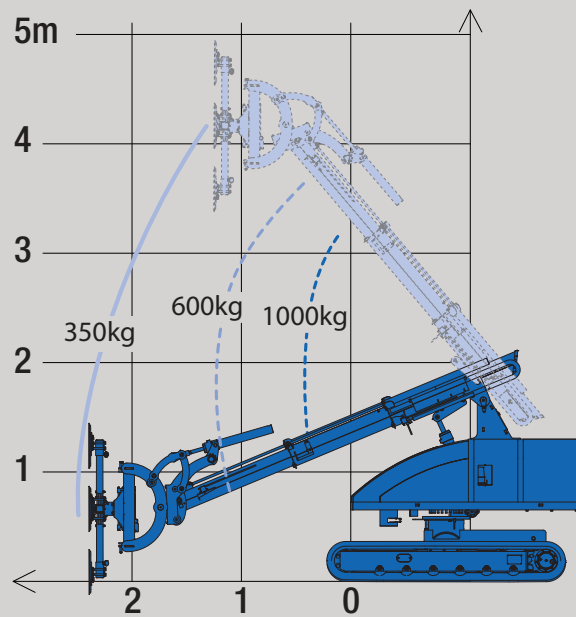
## Dimensions



## Pick up and place



## Reach



ACCESSORIES		Winlet 350TH	Winlet 375	Winlet 400 TL	Winlet 575	Winlet 575TH	Winlet 600	Winlet 785	Winlet 1000	Winlet 1000 TRX
	Wireless Radio Remote	✓	✓	✓	✓	✓	✓	✓	✓	
	Support Legs		✓	✓	✓		✓	✓	✓	
	Extra Wide Steering Wheel				✓					
	Twin Wheels		✓	✓	✓		✓	✓	✓	
	Quick Connector Set for Suction Cups	✓	✓		✓	✓	✓	✓	✓	✓
	Quick Connector Set for Main Supply	✓	✓			✓				
	Individual Shut Off Valves for Cups	✓	✓			✓				
	Drive Alarm		✓	✓	✓		✓	✓	✓	
	LED Flashing Beacon	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Protective Cup Covers	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Remote Control Cover	✓	✓		✓	✓	✓	✓	✓	✓
	Drive Handle Cover		✓	✓	✓		✓	✓	✓	
	All Weather Protection Kit	✓			✓	✓	✓	✓	✓	
	Stone Suction Cups	✓	✓	✓	✓	✓	✓	✓	✓	✓





# VACUUM ROBOT TRAINING

## Course content includes:

- Regulation and guidance relating to vacuum robots
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- Controls
- Steering
- Operation of the vacuum robot unloaded and loaded
- The hydraulic system
- Weight assessment
- Signalling techniques

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# Winlet

UK and Ireland distributor



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HIRD Group of companies

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[Info@winlet.co.uk](mailto:Info@winlet.co.uk)