

Winlet 400

CL

SHB

HV

Compact model, with compact/short reach and a front with vertical hydraulic fine adjustment and manual side shift.

i MAX LIFTING CAPACITY 400 KG

i WIDTH 690 MM

i MAX LIFTING HEIGHT 3.078 MM

i HYDRAULIC FINE LIFT 200 MM

Are you looking for an extremely compact glazing robot with superior fine adjustment features? Here it is!

Winlet 400CL is built to get through narrow passageways and operate in confined space. All the while still having the capacity of lifting an impressive 400 kg.



Winlet 400CL is equipped with extra narrow steering and traction wheels and has a width of only 690 mm when the load is on the side of the machine.



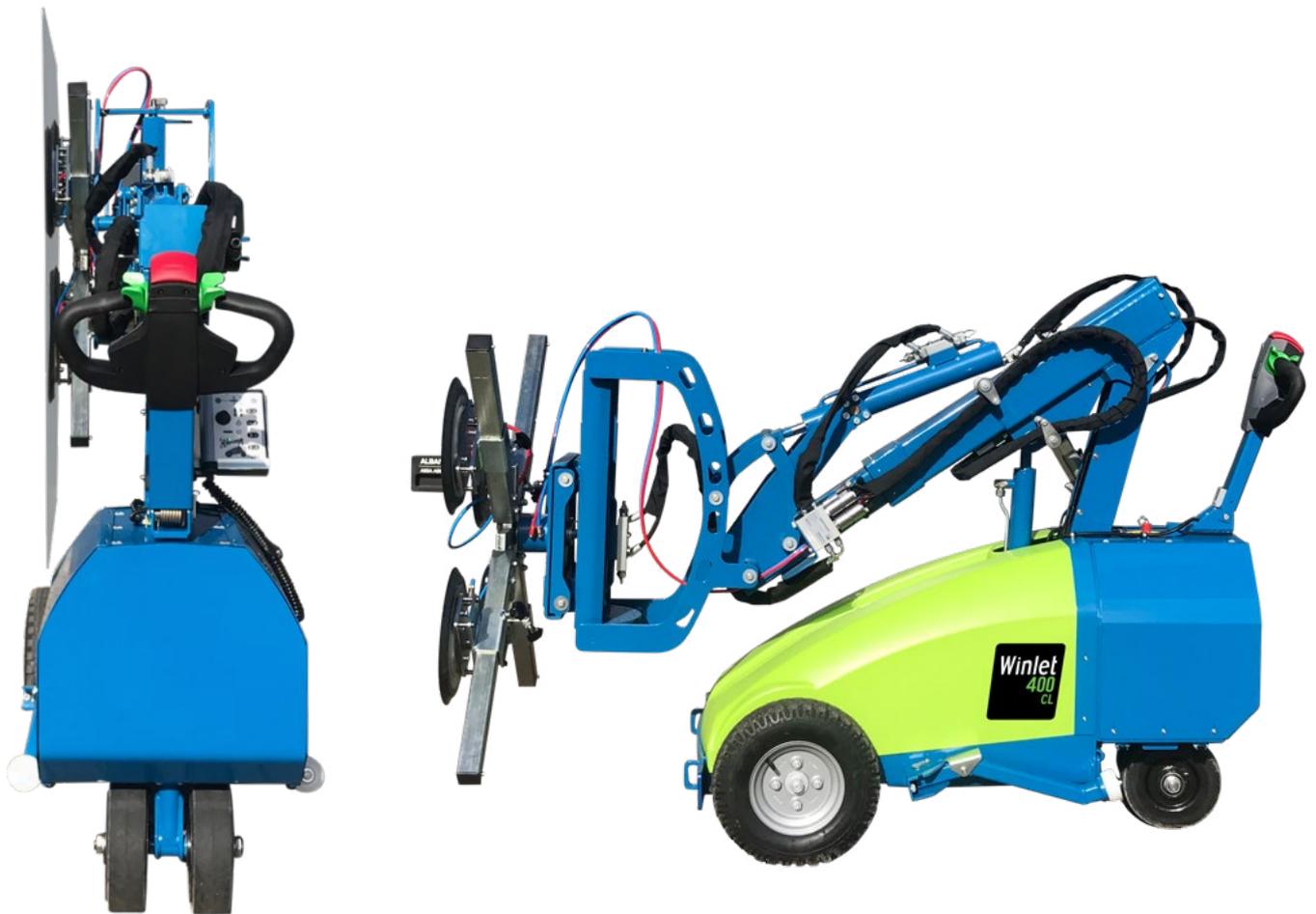
SAFETY APPROVED



All the glazing robots in the Winlet 400 series live up to the **European Standard: 13000 - 2010 Cranes-Mobile Cranes**.

The European standard is applicable to the design, construction, installation of safety devices, information for use, maintenance, and testing of mobile cranes.

Therefore, you can be 100% sure that your Winlet 400 is safety approved - according to the highest standards.



CHOOSE BETWEEN MAC OR PSAC CONTROL

KEY ADVANTAGES



All Winlet 400 configurations are available with one of two different operating panels.

Choose which one fits your needs.

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

2. PSAC (Proportional Single Axis Control), the traditional Winlet controls, where one function is operated stepless.

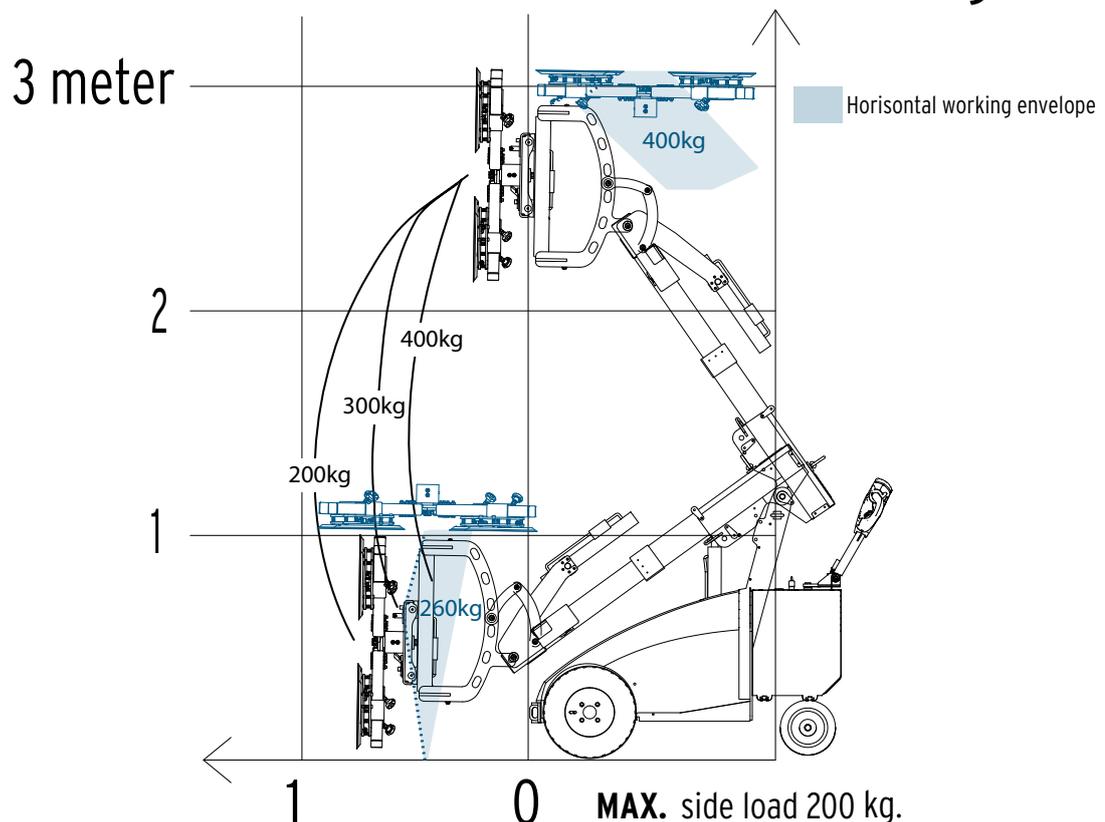
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- 100% linear movements at the front - up/down & sideways
- Hydraulic linear movements controlled in the front
- Integrated lifting eye for lifting the Winlet by crane
- Weather resistant design

Winlet 400CL SHB/HV

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	400 KG	MANUAL SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	200 KG / 400 KG	100% linear movements	
MAX SIDE MOUNTED LOAD	200 KG	HYDRAULIC FINE LIFT ON ARM	200 MM
TOTAL LENGTH	1.775 MM	100% linear movements	
TOTAL WIDTH	690 MM	TILT FUNCTION OF THE FRONT	BACK: 45° FORTH: 97°
Single mounted tires		Horizontal lifting arm	
TOTAL WIDTH	920 MM	ROTATION	ENDLESS
Twin mounted tires		SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
WEIGHT	900 KG	FRONT WHEEL DRIVE	1200W
LIFTING HEIGHT	2.663 MM	24v AC transaxle	
Vertical cups, center of lifting yoke		BATTERIES	2X90 AH
EXTENSION MIN/MAX	458 MM / 958 MM	OPERATING HOURS	12 HOURS
Front bumper to suction cup		On fully charged batteries	
LIFTING HEIGHT MIN/MAX	0 MM / 890 MM	CHARGING TIME	8-10 HOURS
Horizontal cups down		SUITABLE FOR OUTDOOR USE	YES
LIFTING HEIGHT MIN/MAX	2.670 MM / 3.078 MM	Water resistant	
Horizontal cups up		INTEGRATED LIFTING EYE	YES
		For lifting of the Winlet	

WINLET 400CL SHB/HV MAX. LOAD kg.

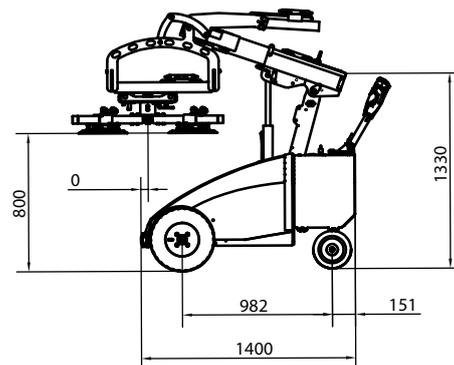
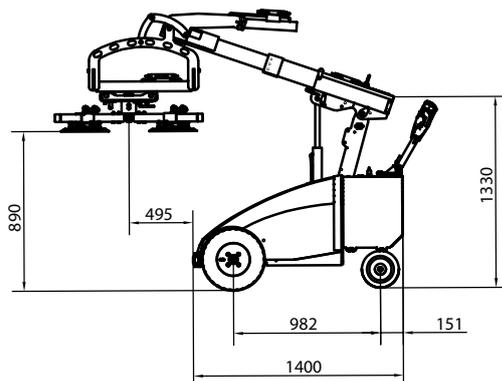
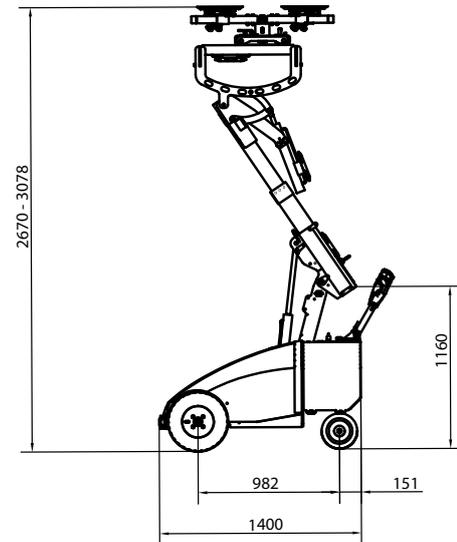
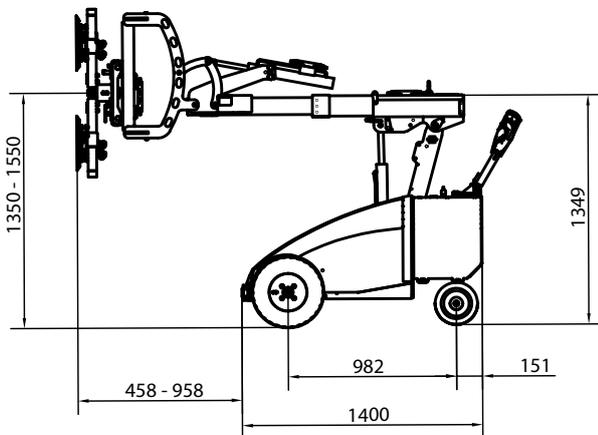
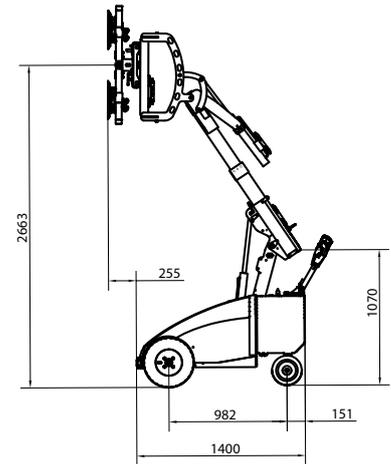
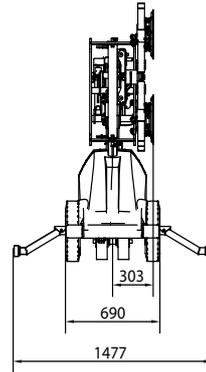
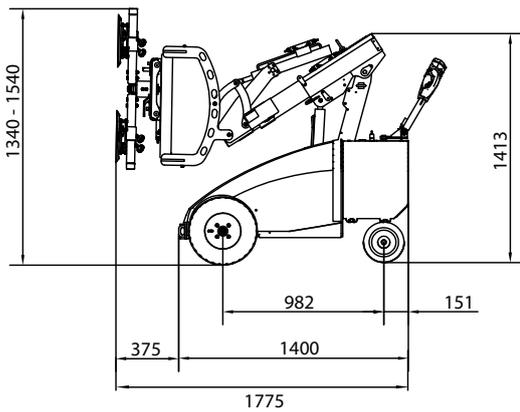


* The dimensions are indicative and may vary +/- 10mm. The photographs and/or drawings in this document are for illustrative purposes only.

6 ** Option

Winlet 400CL SHB/HV

DIMENSIONS*



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Find your perfect Winlet 400

Main Catalog:	MAX. LOAD ARM Out / In	MAX. SIDE MOUNTED LOAD	MIN/MAX EXTENSION* (Bumper to suction)	MAX LIFTING HEIGHT (Vertical cups)	MIN/MAX LIFTING HEIGHT (Horizontal cups down)	MIN/MAX LIFTING HEIGHT (Horizontal cups up)	WEIGHT
Winlet 400CL SHB/HV Page 4	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 Page 8	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 Page 12	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 Page 16	110 kg / 400 kg	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 Page 20	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 Page 24	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 Page 28	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 Page 32	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 Page 36	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

*Horizontal lifting arm.

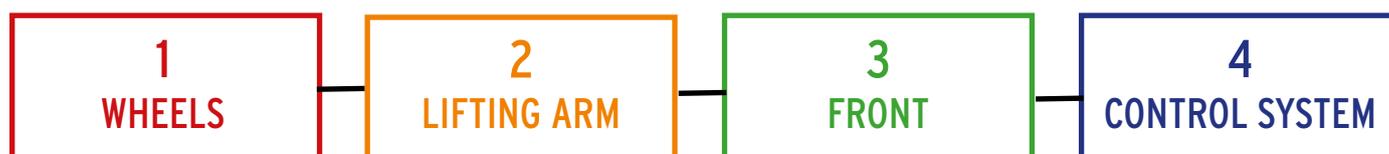
How to build your Winlet 400

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

When building your Winlet 400 you go through 4 steps each of which is a configuration group where you have two different options. Which of those options you choose will depend on the type of installation you are doing and in what kind of environment.

These are the 4 configurations you go through when building your Winlet 400.

Choose between two types of:



Take a look at the product key on the next page for more detailed information of the different options within the configurations.

Remember, we are always ready to help and guide you through the selection process so don't hesitate to contact us.

PRODUCT KEY

Winlet 400 **CL** **SHB** **HV** **PSAC** *

CL - COMPACT LIFTER

This model is equipped with small steering wheels and slim traction wheels which gives it low friction and makes it easy to turn.

This is the most compact machine available and is ideal for working in narrow spaces.



TL - TERRAIN LIFTER

This machine has large and wide steering wheels as well as traction wheels. This gives it great stability and strong traction.

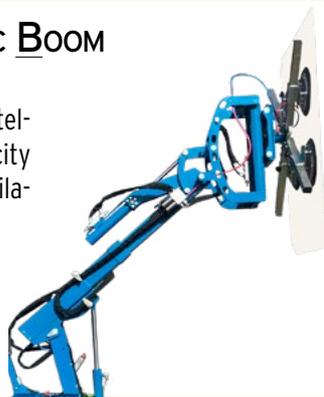
The ideal choice for outdoor installations.



SHB - SINGLE HYDRAULIC BOOM

Hydraulic boom with single stroke telescopic profiles. Higher lifting capacity and the most compact machine available with 1x500 mm. extension.

Ideal for installations that does not require long reach.



DHB - DOUBLE HYDRAULIC BOOM

Hydraulic boom with double stroke telescopic profiles. More reach and more lifting height with full hydraulic movements and 2x500 mm. extension.

Ideal for installations that require longer reach or more lifting height.



HV - HYDRAULIC VERTICAL LIFT

The well-known traditional Winlet front design, which enables you to do 100% linear fine adjustments.

This front has hydraulic vertical lift and manual side shift.



HS - HYDRAULIC SIDE SHIFT

A more compact and light front design with hydraulic side shift.

With this combination you will benefit from a more compact machine with higher lifting capacity - but with a little less reach and lifting height.

Option: Hydraulic Rotation (Winlet 400TL DHB/HS/HR)



PSAC - PROPORTIONAL SINGLE AXIS CONTROL

The well-known traditional Winlet control panel.

Choose the function you want to control and adjust the speed 100% stepless with the speed-slider. Only one function can be operated at a time.



MAC - MULTI AXIS CONTROL

Use two hydraulic functions at a time.

The Multi Axis Control is very easy to use, even for operators with big gloves on their hands.

Choose between 3 preset speed levels: 10% - 50% - 100%.



*Shown example of configuration is a Winlet 400 Compact Lifter (CL) with Single Hydraulic Boom (SHB), Hydraulic Vertical lift (HV) and Proportional Single Axis Control (PSAC)