



GMV A/S v3

Winlet 400

A series of glazing robots with a full range of features - allowing you to build the Winlet 400 that fits your needs exactly.

- Fully hydraulic for optimal **durability and speed**.
- 100% linear movements of the load at the front for optimal **precision**.
- Choice of wheel configuration for optimal accommodation of the **work environment**.
- Load adjustment at the cup for optimal **control**.
- Intelligent overload monitoring system for optimal **safety**.
- Optimal **flexibility** in the choice of proportional or multi axis control.

TECHNICAL SPECIFICATIONS - OVERVIEW

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 400CL DHB/HS/HR Page 20	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	930 KG
Winlet 400TL SHB/HV Page 24	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 28	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 32	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 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	912 KG
Winlet 400TL DHB/HS/HR Page 40	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 different 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.

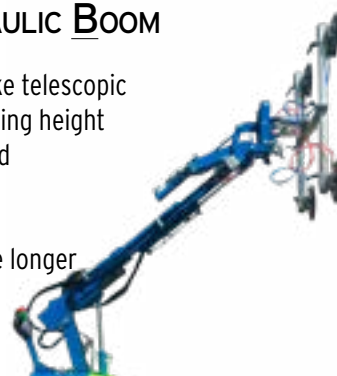
Ideal for installations that does not require long reach.



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 for HS: Hydraulic Rotation (Winlet 400CL/TL 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 several hydraulic functions simultaneously.

The Multi Axis Control is very easy to use, even for operators with large gloves on their hands. Choose between 3 preset speed levels: 10% - 50% - 100%.

★ Option for MAC : Radio Remote with proportional control.



*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)

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.



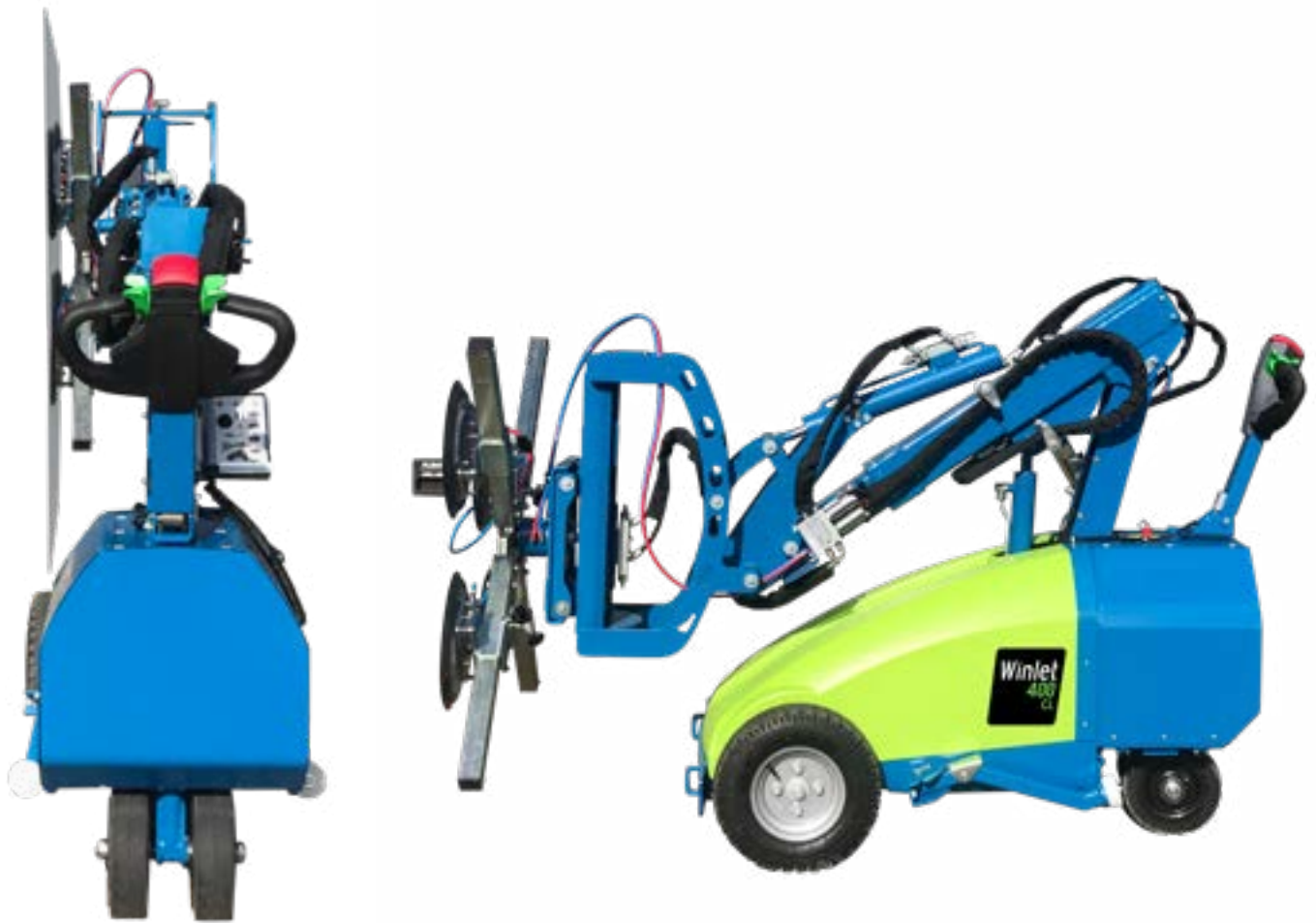
SAFETY APPROVED



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 PSAC OR MAC CONTROL



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

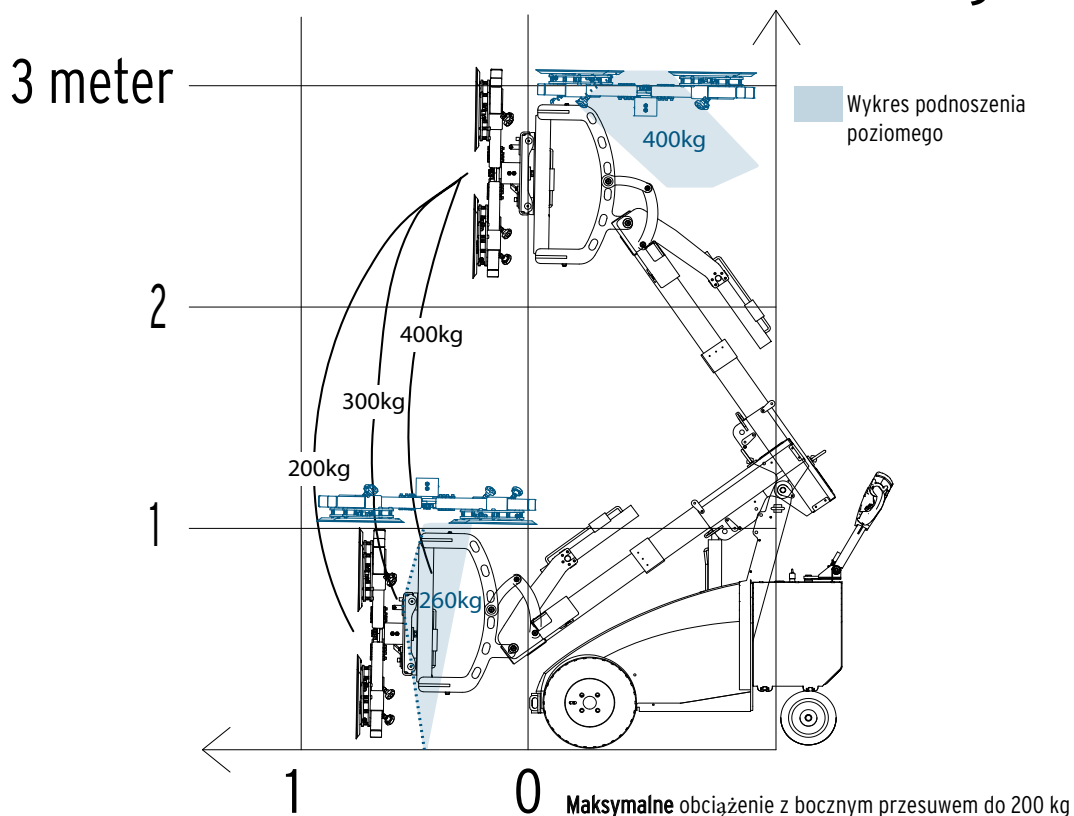
- Powerful front-wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2-circuit vacuum system
- Ecomatic battery-saving system
- Intelligent overload monitoring system
- Safety tiller switch on the steering handle
- Easy maneuvering with an ergonomic operating lever
- 100% linear movements at the front
 - up/down & sideways
- Hydraulic linear movements controlled at 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.



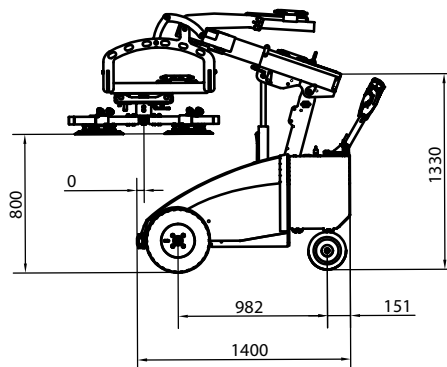
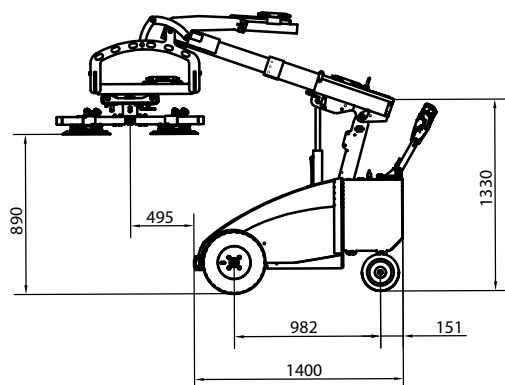
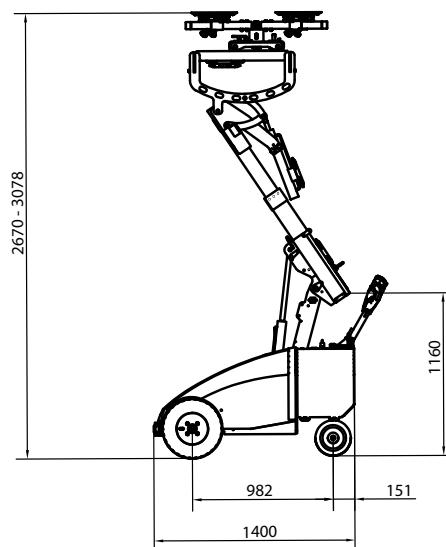
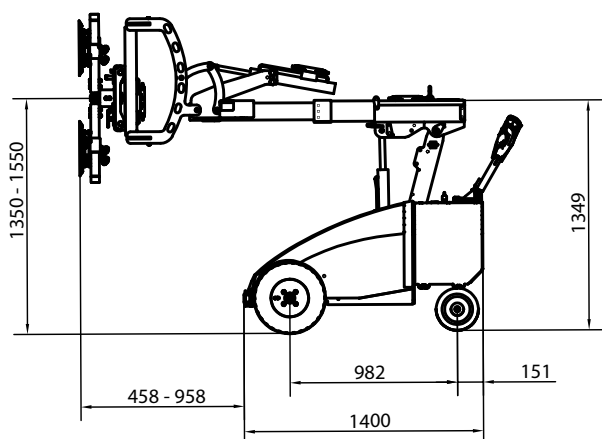
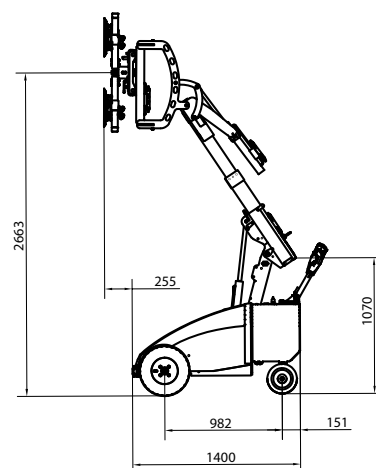
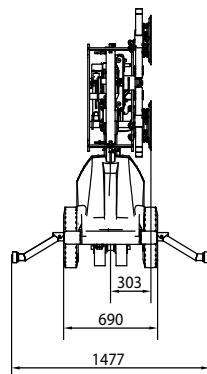
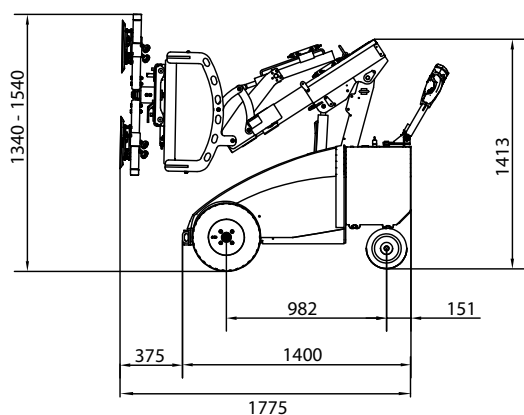
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6 ** Option

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Winlet 400CL SHB/HV

DIMENSIONS*



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Winlet 400

CL

DHB

HV

Compact model with extra reach and a front with vertical hydraulic fine adjustment and manual side shift.

i MAX LIFTING HEIGHT 3635 MM

i WIDTH 690 MM

i MAX LIFTING CAPACITY 315 KG

i HYDRAULIC FINE LIFT 200 MM

Are you looking for an extremely compact glazing robot with extra lifting height, reach and superior fine adjustment features? This is it!

Winlet 400CL is built to get through narrow passageways and operate in places with limited space.



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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

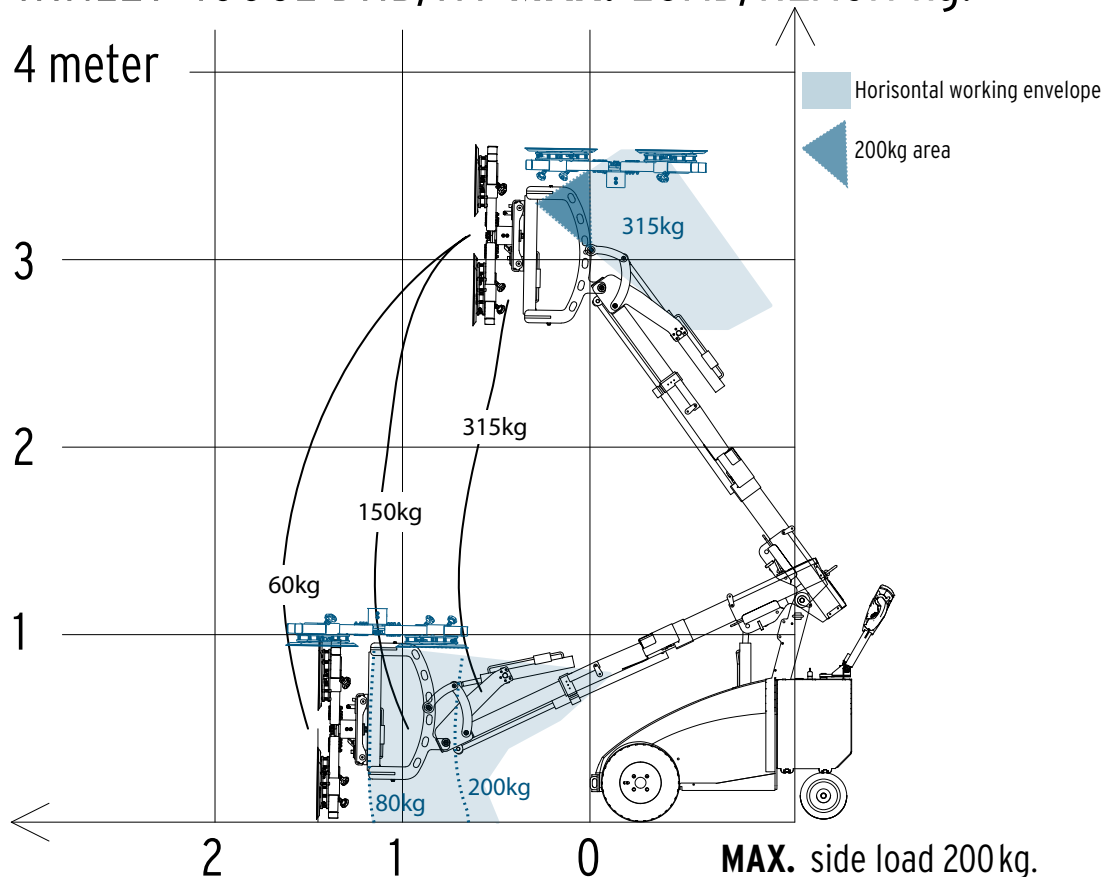
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- 100% linear movements at the 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 DHB/HV

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	315 KG	MANUAL SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	60 KG / 315 KG	100% linear movements	
MAXIMUM CAPACITY ON SIDE	200 KG	HYDRAULIC FINE LIFT ON ARM	200 MM
TOTAL LENGTH	1.885 MM	100% linear movements	
EXTERNAL WIDTH Single mounted tires	690 MM	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 45° FORTH: 97°
EXTERNAL WIDTH Twin mounted tires	910 MM	ROTATION	ENDLESS
WEIGHT	925 KG	SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
LIFTING HEIGHT Vertical cups, center of lifting yoke	3.190 MM	FRONT WHEEL DRIVE	1200W
EXTENSION MIN/MAX Front bumper to suction cup	590 MM / 1.590 MM	24v AC transaxle	
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 910 MM	BATTERIES	2X90 AH
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.790 MM / 3.635 MM	OPERATING HOURS On fully charged batteries	12 HOURS
		CHARGING TIME	8-10 HOURS
		SUITABLE FOR OUTDOOR USE	YES
		Water resistant	
		INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400CL DHB/HV MAX. LOAD/REACH kg.



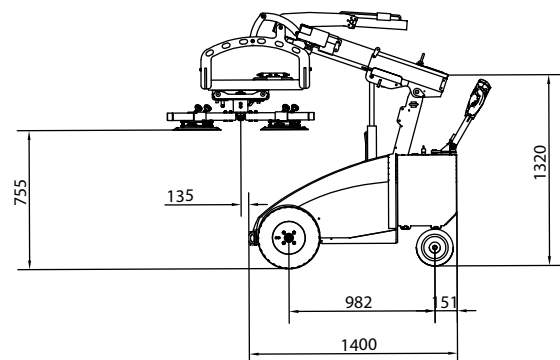
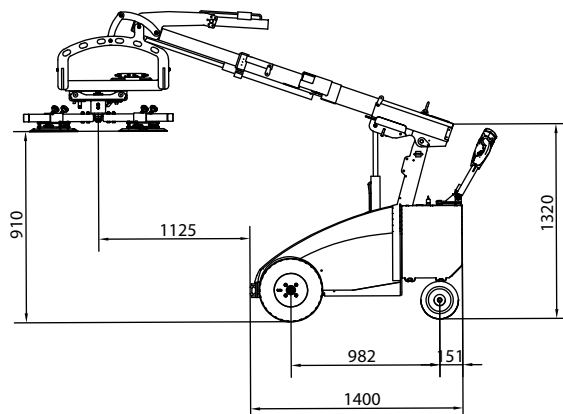
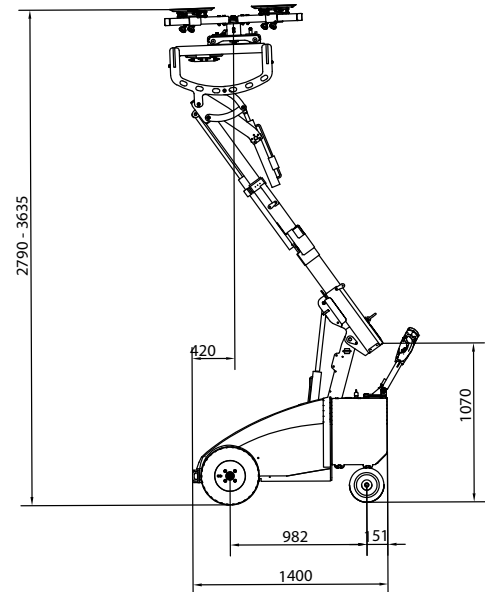
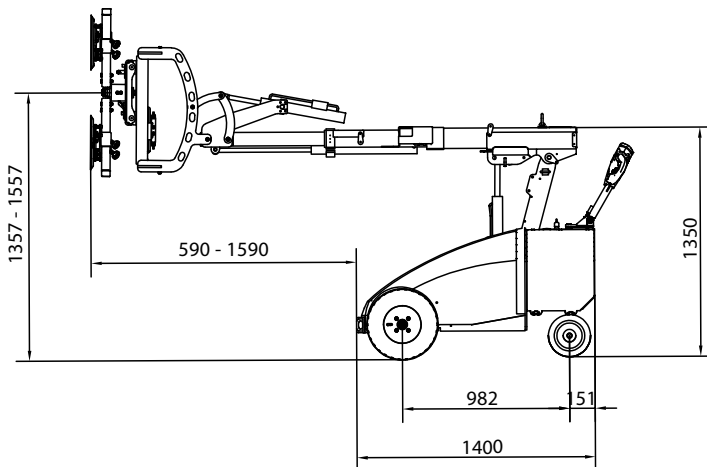
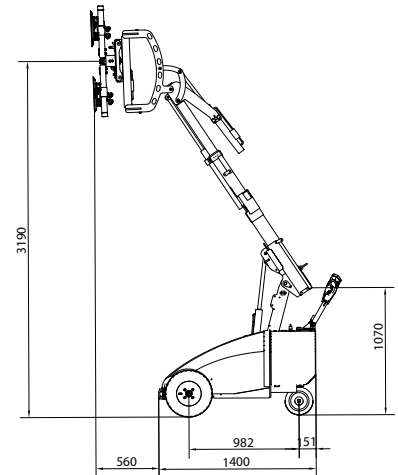
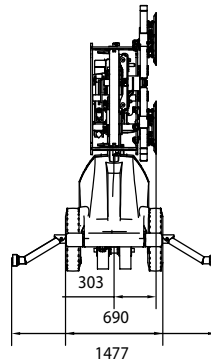
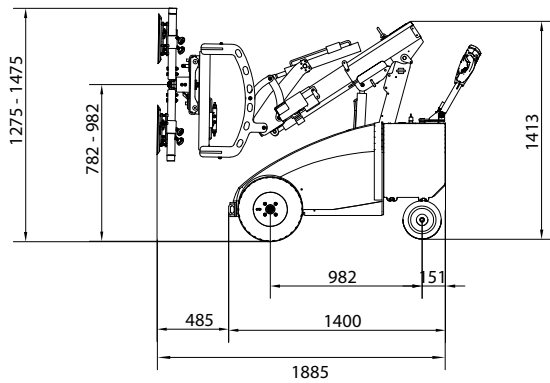
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10 ** Optional

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Winlet 400CL DHB/HV

DIMENSIONS*



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Winlet 400

CL

SHB

HS

Compact model, with compact/
short reach and a front with
Horizontal hydraulic side shift.

- ⌚ MAX LIFTING CAPACITY 460 KG
- ⌚ WIDTH 690 MM
- ⌚ MAX LIFTING HEIGHT 2.938 MM
- ⌚ HYDRAULIC SIDE SHIFT 100 MM

Are you looking for an extremely compact glazing robot with an impressive lifting capacity? This is it!

Winlet 400CL is built to get through narrow passageways and operate in places with limited space. All the while still having the capacity of lifting an impressive 460 kg.



Winlet 400CL is equipped with extra narrow steering and traction wheels and has a width of only 690mm 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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

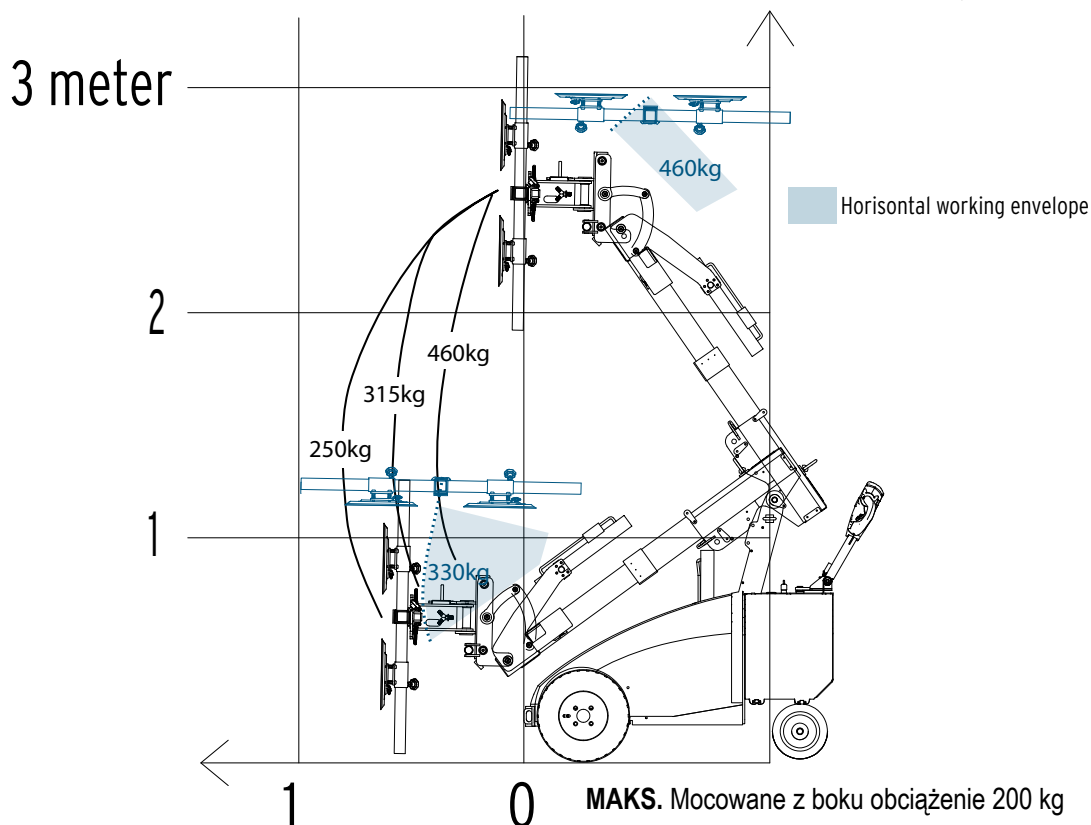
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- Hydraulic linear sideways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

Winlet 400CL SHB/HS

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	460 KG	HYDRAULIC SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	250 KG / 460 KG	100% linear movements	
MAXIMUM CAPACITY ON SIDE	200 KG	TILT FUNCTION OF THE FRONT	BACK: 43° FORTH: 98°
TOTAL LENGTH	1.640 MM	Horizontal lifting arm	
EXTERNAL WIDTH	690 MM	ROTATION	2 X 180 DEGREES
Single mounted tires		SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
EXTERNAL WIDTH	920 MM	FRONT WHEEL DRIVE	1200W
Twin mounted tires		24v AC transaxle	
WEIGHT	875 kg	BATTERIES	2X90 AH
LIFTING HEIGHT	2.575 MM	OPERATING HOURS	12 HOURS
Vertical cups, center of lifting yoke		On fully charged batteries	
EXTENSION MIN/MAX	318 MM / 818 MM	CHARGING TIME	8-10 HOURS
Front bumper to suction cup		SUITABLE FOR OUTDOOR USE	YES
LIFTING HEIGHT MIN/MAX	0 MM / 980 MM	Water resistant	
Horizontal cups down		INTEGRATED LIFTING EYE	YES
LIFTING HEIGHT MIN/MAX	2.530 MM / 2.938 MM	For lifting of the Winlet	
Horizontal cups up			

WINLET 400CL SHB/HS MAX. LOAD kg.

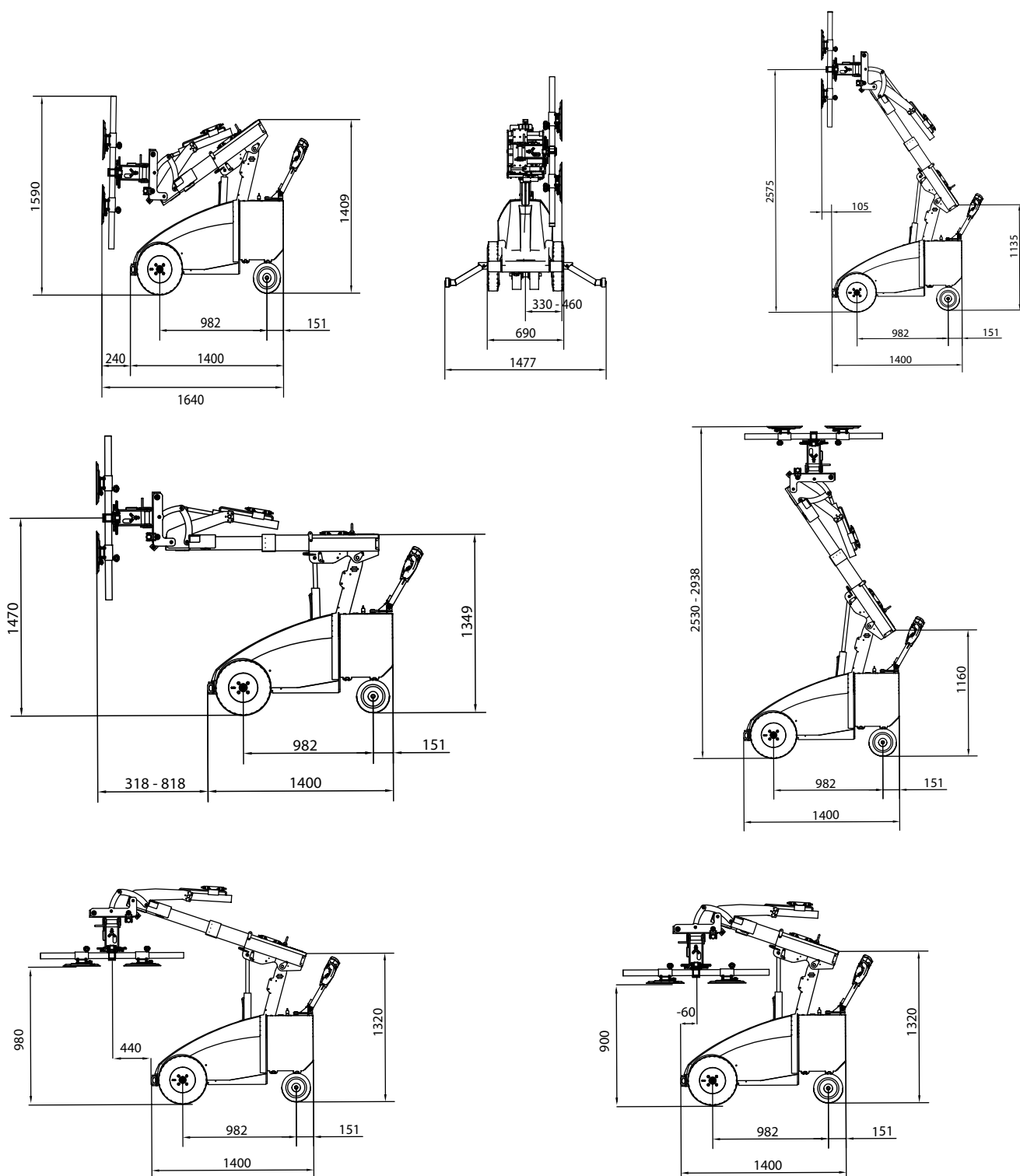


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** Optional

Winlet 400CL SHB/HS

DIMENSIONS*



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Winlet 400

CL

DHB

HS

Compact model with extra reach and a front with Horizontal hydraulic side shift.

i MAX LIFTING HEIGHT 3.465 MM

i WIDTH 690 MM

i MAX LIFTING CAPACITY 400 KG

i HYDRAULIC SIDE SHIFT 100 MM

Are you looking for an extremely compact glazing robot with extra lifting height and reach? This is it!

Winlet 400CL is built to get through narrow passageways and operate in places with limited space.



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.

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CHOOSE BETWEEN MAC OR PSAC CONTROL



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

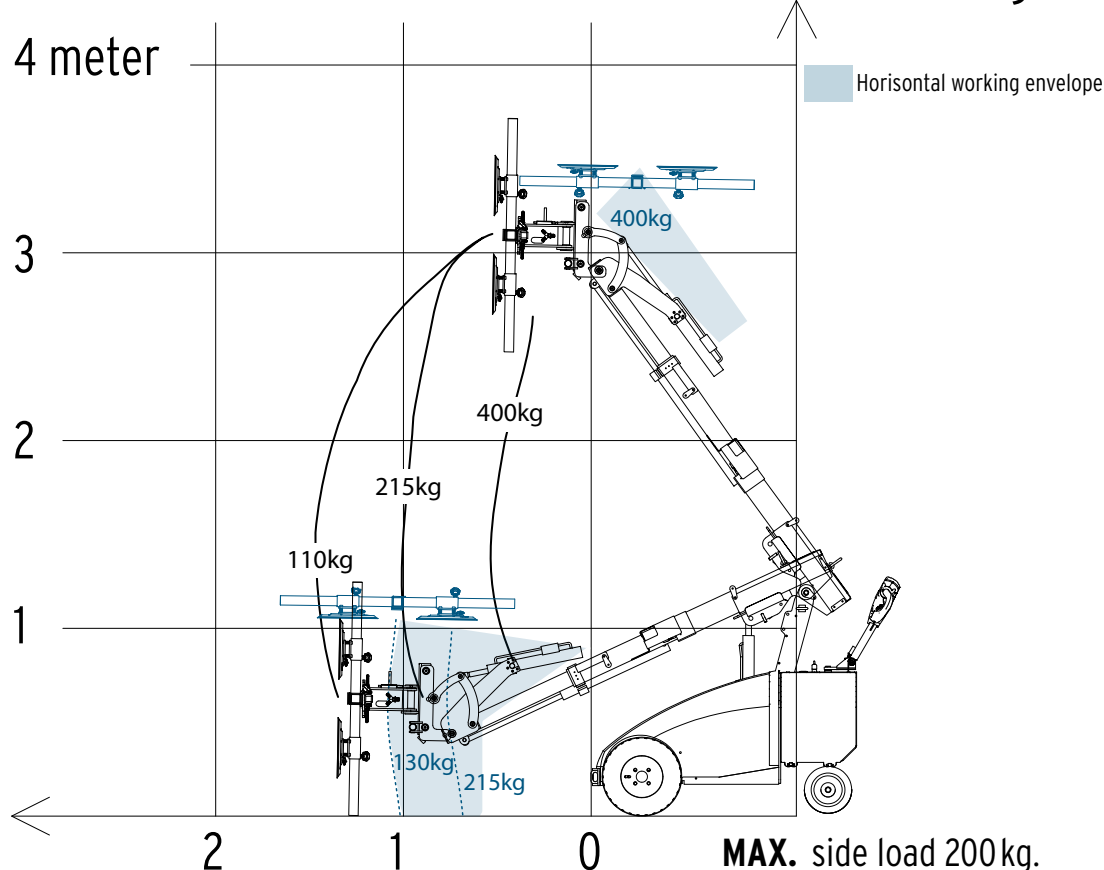
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- Hydraulic linear sideways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

Winlet 400CL DHB/HS

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	400 KG	HYDRAULIC SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	110 KG / 400 KG	100% linear movements	
MAXIMUM CAPACITY ON SIDE	200 KG	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 43° FORTH: 98°
TOTAL LENGTH	1.750 MM	ROTATION	2 X 180°
EXTERNAL WIDTH Single mounted tires	690 MM	SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
EXTERNAL WIDTH Twin mounted tires	910 MM	FRONT WHEEL DRIVE 24v AC transaxle	1200W
WEIGHT	900 KG	BATTERIES	2X90 AH
LIFTING HEIGHT Vertical cups, center of lifting yoke	3.100 mm	OPERATING HOURS On fully charged batteries	12 HOURS
EXTENSION MIN/MAX Front bumper to suction cup	450 MM / 1.450 MM	CHARGING TIME	8-10 HOURS
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 1.065 MM	SUITABLE FOR OUTDOOR USE Water resistant	YES
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.650 MM / 3.465 MM	INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400CL DHB/HS MAX. LOAD/REACH kg.

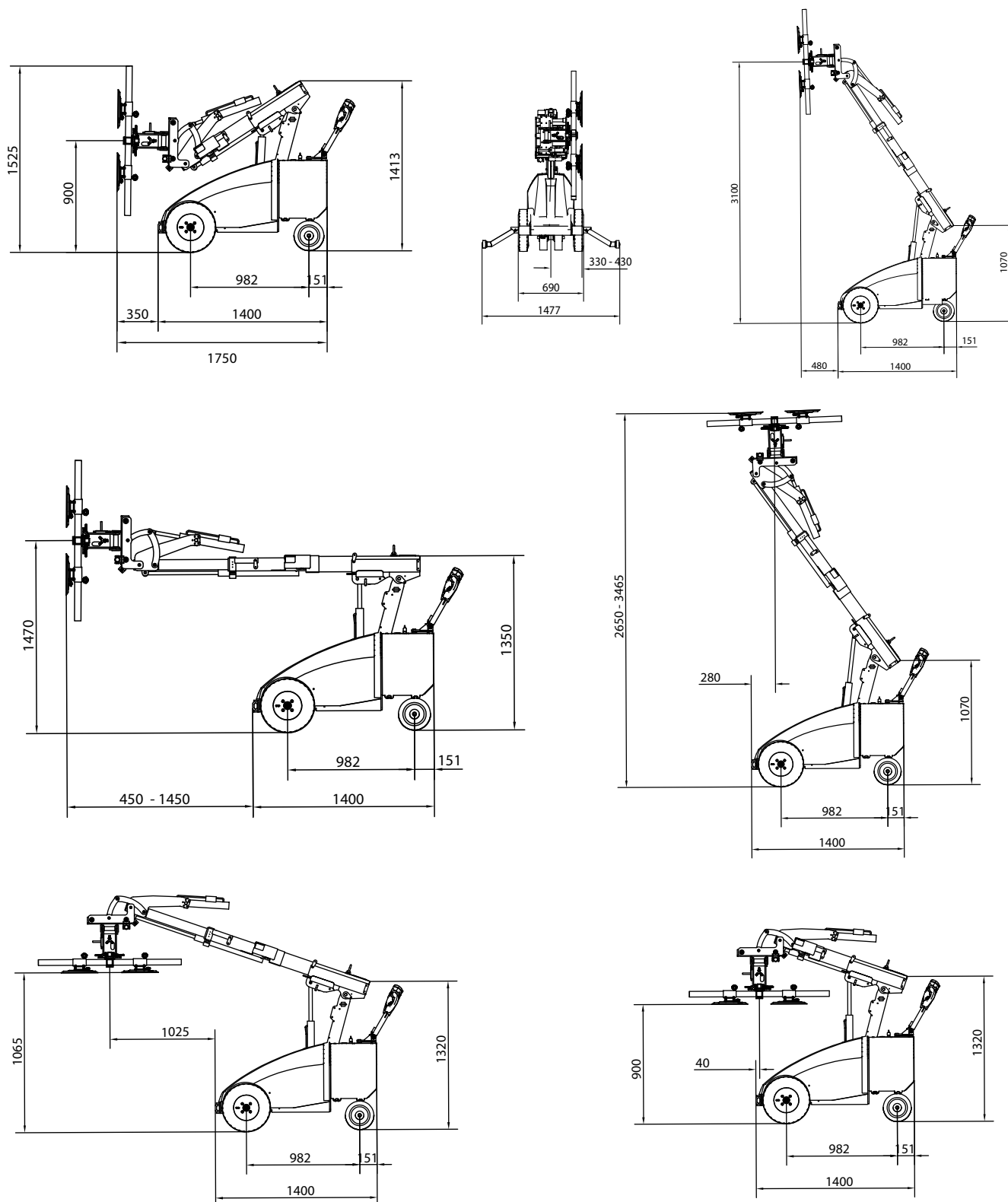


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** Optional

Winlet 400CL DHB/HS

DIMENSIONS*



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Winlet 400

CL

DHB

HS

HR

Compact model with extra reach and a front with Horizontal hydraulic side shift.

- i* MAX LIFTING HEIGHT 3.465 MM
- i* WIDTH 690 MM
- i* MAX LIFTING CAPACITY 400 KG
- i* HYDRAULIC SIDE SHIFT 100 MM
- i* HYDRAULIC ROTATION 360°

Are you looking for an extremely compact glazing robot with extra lifting height and reach? This is it!

Winlet 400CL is built to get through narrow passageways and operate in places with limited space.



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.

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CHOOSE BETWEEN MAC OR PSAC CONTROL



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2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

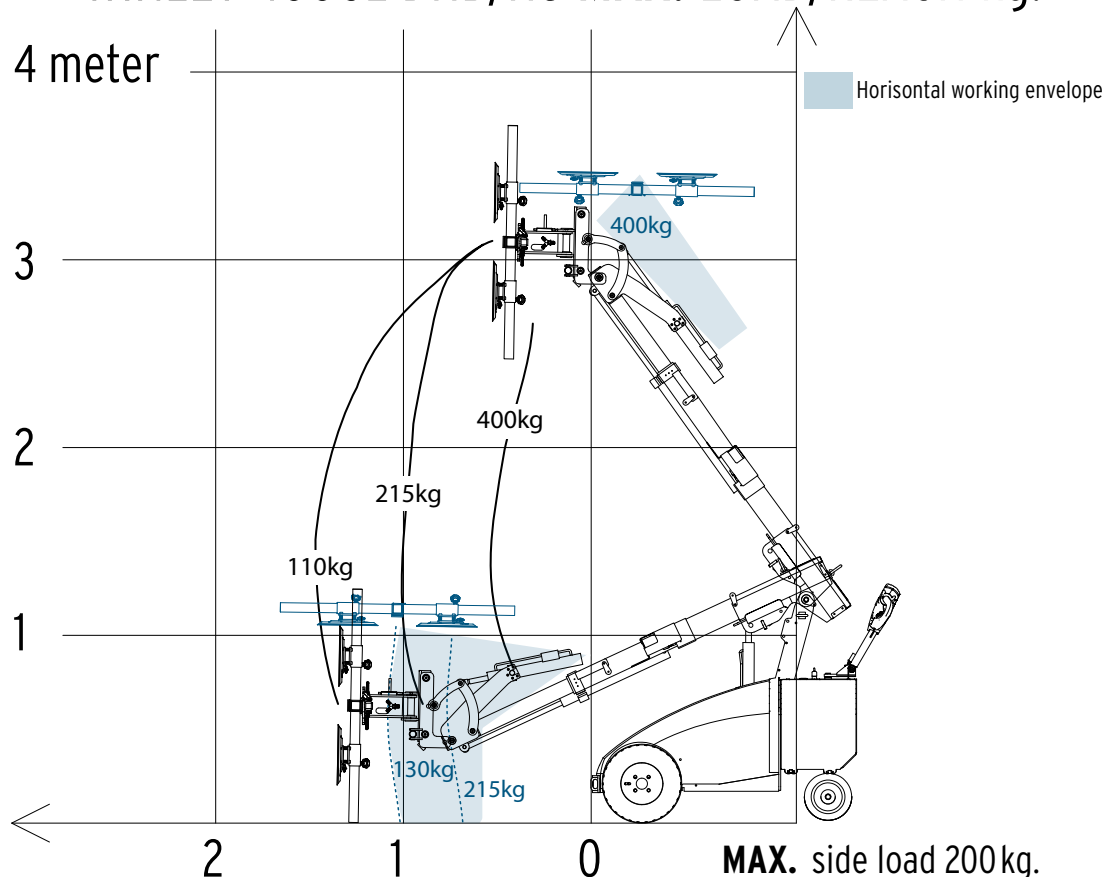
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- Hydraulic linear sideways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

Winlet 400CL DHB/HS/HR

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	400 KG	HYDRAULIC SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	110 KG / 400 KG	100% linear movements	
MAXIMUM CAPACITY ON SIDE	200 KG	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 43° FORTH: 98°
TOTAL LENGTH	1.750 MM	HYDRAULIC ROTATION	360°
EXTERNAL WIDTH Single mounted tires	690 MM	SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
EXTERNAL WIDTH Twin mounted tires	910 MM	FRONT WHEEL DRIVE 24v AC transaxle	1200W
WEIGHT	930 KG	BATTERIES	2X90 AH
LIFTING HEIGHT Vertical cups, center of lifting yoke	3.100 mm	OPERATING HOURS On fully charged batteries	12 HOURS
EXTENSION MIN/MAX Front bumper to suction cup	450 MM / 1.450 MM	CHARGING TIME	8-10 HOURS
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 1.065 MM	SUITABLE FOR OUTDOOR USE Water resistant	YES
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.650 MM / 3.465 MM	INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400CL DHB/HS MAX. LOAD/REACH kg.

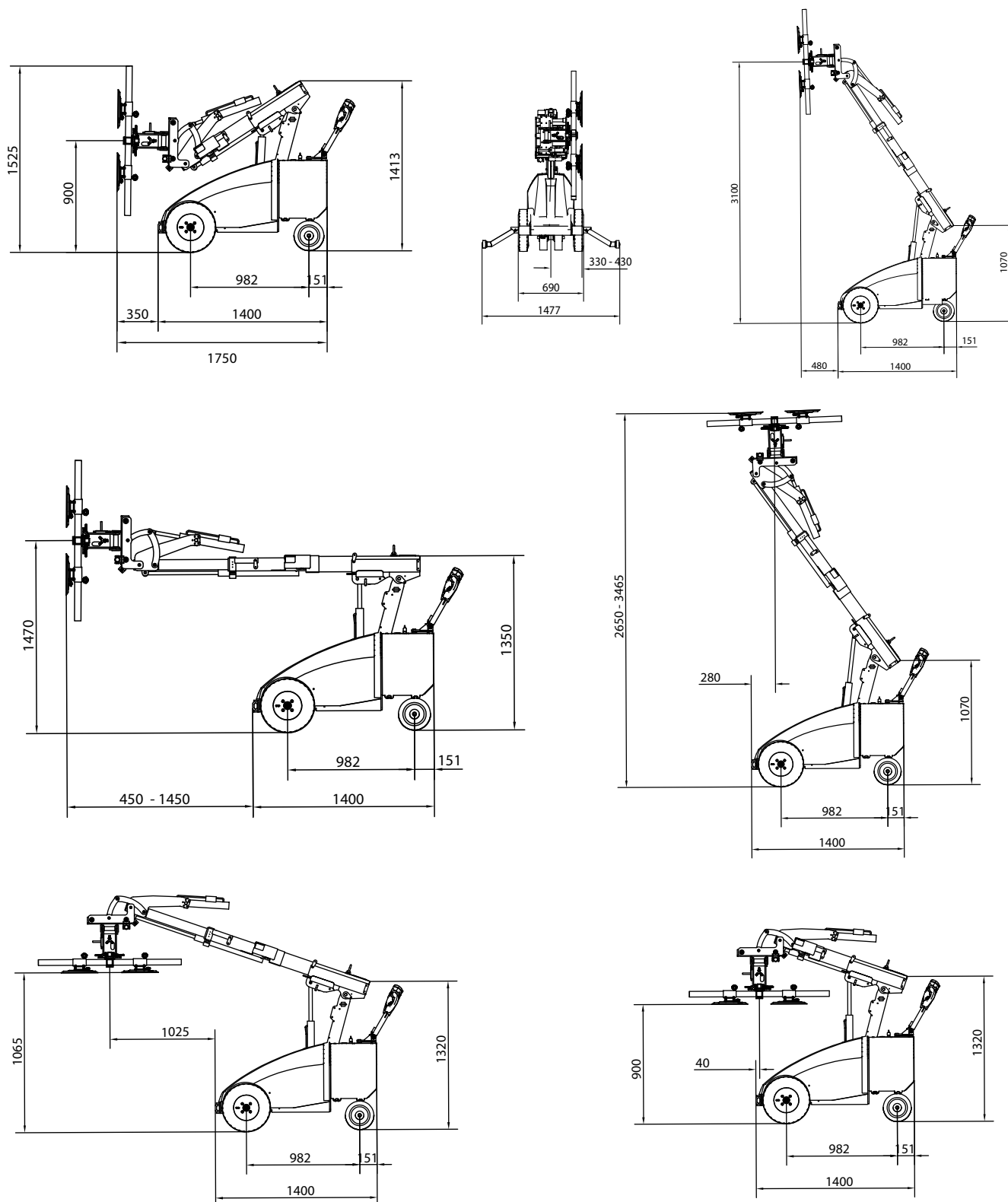


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** Optional

Winlet 400CL DHB/HS/HR

DIMENSIONS*



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Winlet 400

TL

SHB

HV

Off-road model with great stability, short reach, front with vertical hydraulic fine adjustment and manual side shift.

i MAX LIFTING CAPACITY 410 KG

i WIDTH 860 MM

i MAX LIFTING HEIGHT 3.078 MM

i HYDRAULIC FINE LIFT 200 MM

Are you looking for an off-road glazing robot with superior fine adjustment features? Here it is!

Winlet 400TL is built to operate in an outdoor terrain and is extremely stable.



Winlet 400TL is equipped with extra wide steering and traction wheels making it extremely stable and ideal for outdoor installations.



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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

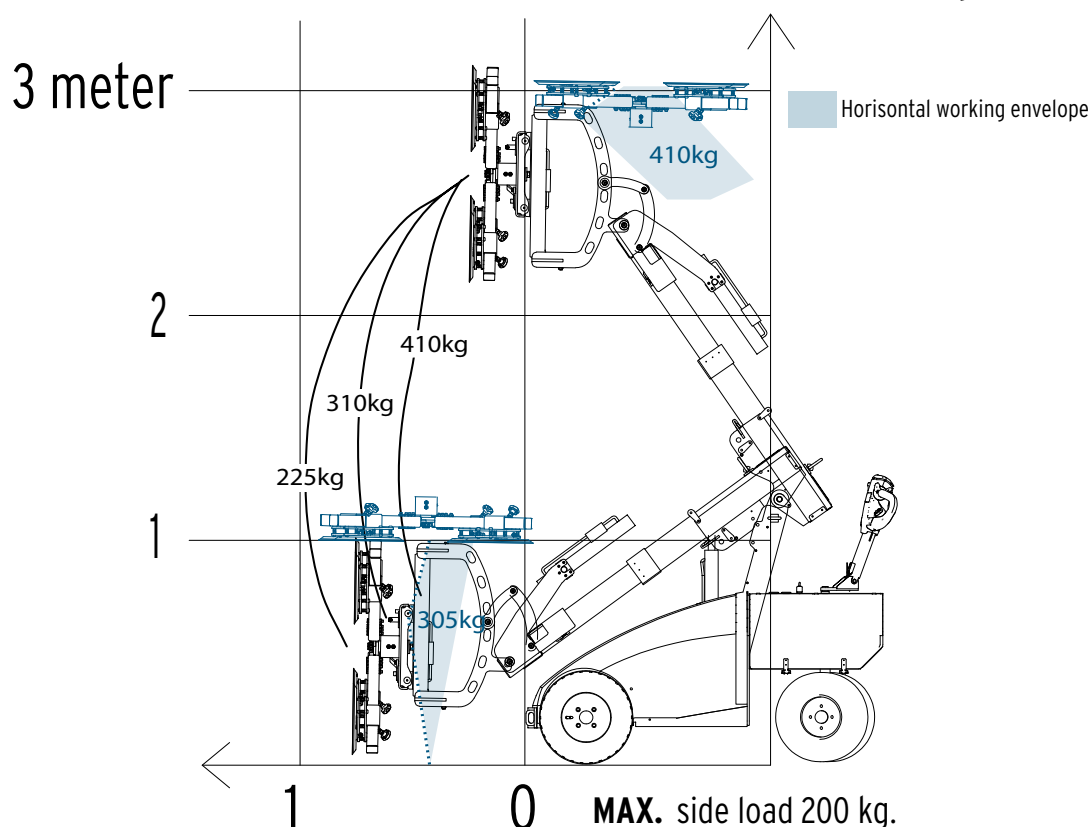
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- 100% linear movements at the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

Winlet 400TL SHB/HV

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	410 KG	MANUAL SIDE SHIFT 100% linear movements	100 MM
MAX LOAD ARM OUT/IN	225 KG / 410 KG	HYDRAULIC FINE LIFT ON ARM 100% linear movements	200 MM
MAX SIDE MOUNTED LOAD	200 KG	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 45° FORTH: 97°
TOTAL LENGTH	1.975 MM	ROTATION	ENDLESS
TOTAL WIDTH Single mounted tires	860 MM	SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
TOTAL WIDTH CL traction wheels	790 MM	FRONT WHEEL DRIVE 24v AC transaxle	1200W
WEIGHT	912 KG	BATTERIES	2X90 AH
LIFTING HEIGHT Vertical cups, center of lifting yoke	2.663 MM	OPERATING HOURS On fully charged batteries	12 HOURS
EXTENSION MIN/MAX Front bumper to suction cup	458 MM / 958 MM	CHARGING TIME	8-10 HOURS
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 890 MM	SUITABLE FOR OUTDOOR USE Water resistant	YES
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.670 MM / 3.078 MM	INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400TL SHB/HV MAX. LOAD kg.

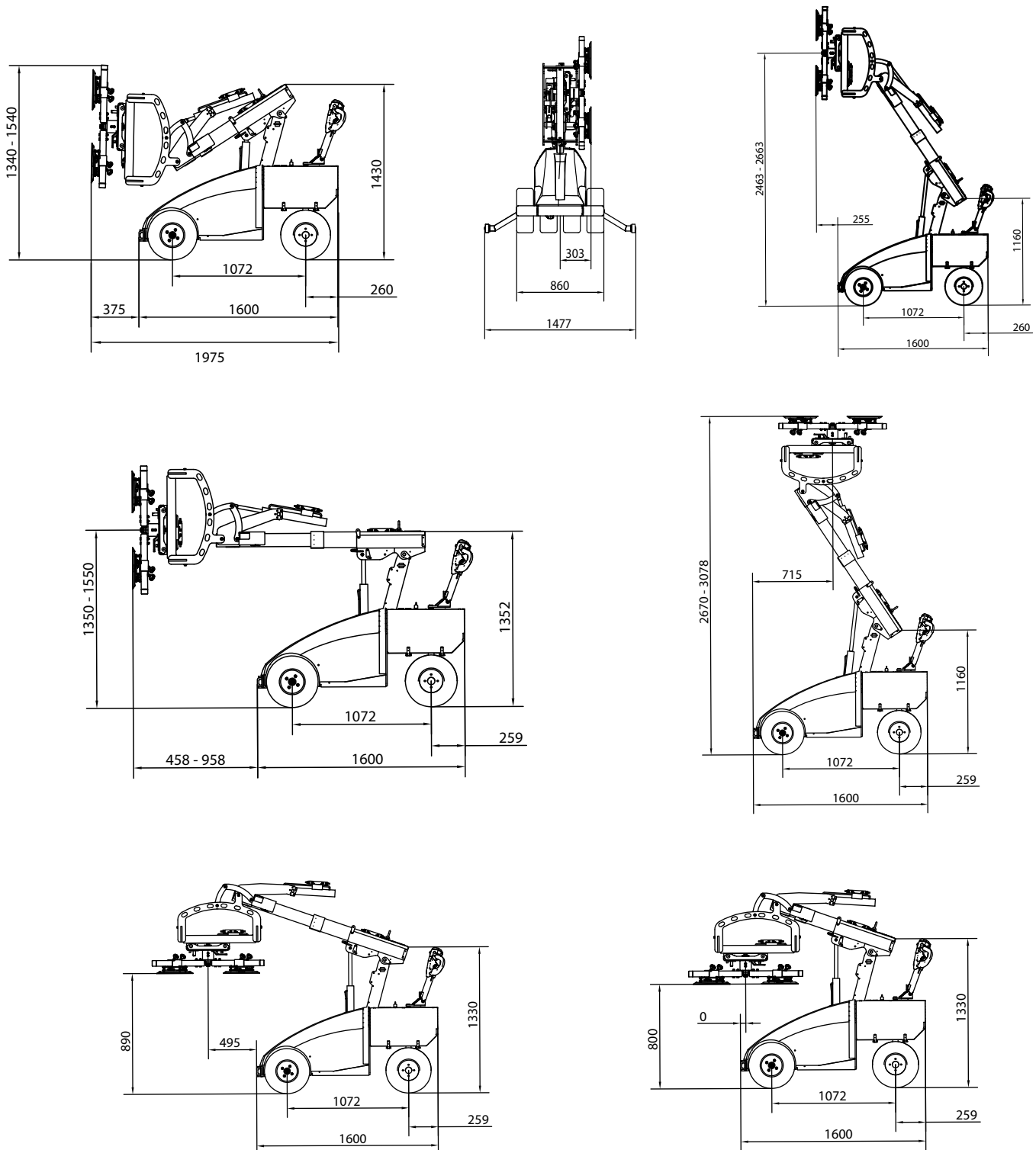


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** Optional

Winlet 400TL SHB/HV

DIMENSIONS*



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

Winlet 400

TL

DHB

HV

Off-road model with great stability, extra reach, a front with vertical hydraulic fine adjustment and manual side shift.

• MAX LIFTING HEIGHT 3.635 MM

• WIDTH 860 MM

• MAX LIFTING CAPACITY 345 KG

• HYDRAULIC FINE LIFT 200 MM

Are you looking for an off-road glazing robot with extra lifting height and superior fine adjustment features? Here it is!

Winlet 400TL is built to operate in an outdoor terrain and is extremely stable.



Winlet 400TL is equipped with extra wide steering and traction wheels making it extremely stable and ideal for outdoor installations.



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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

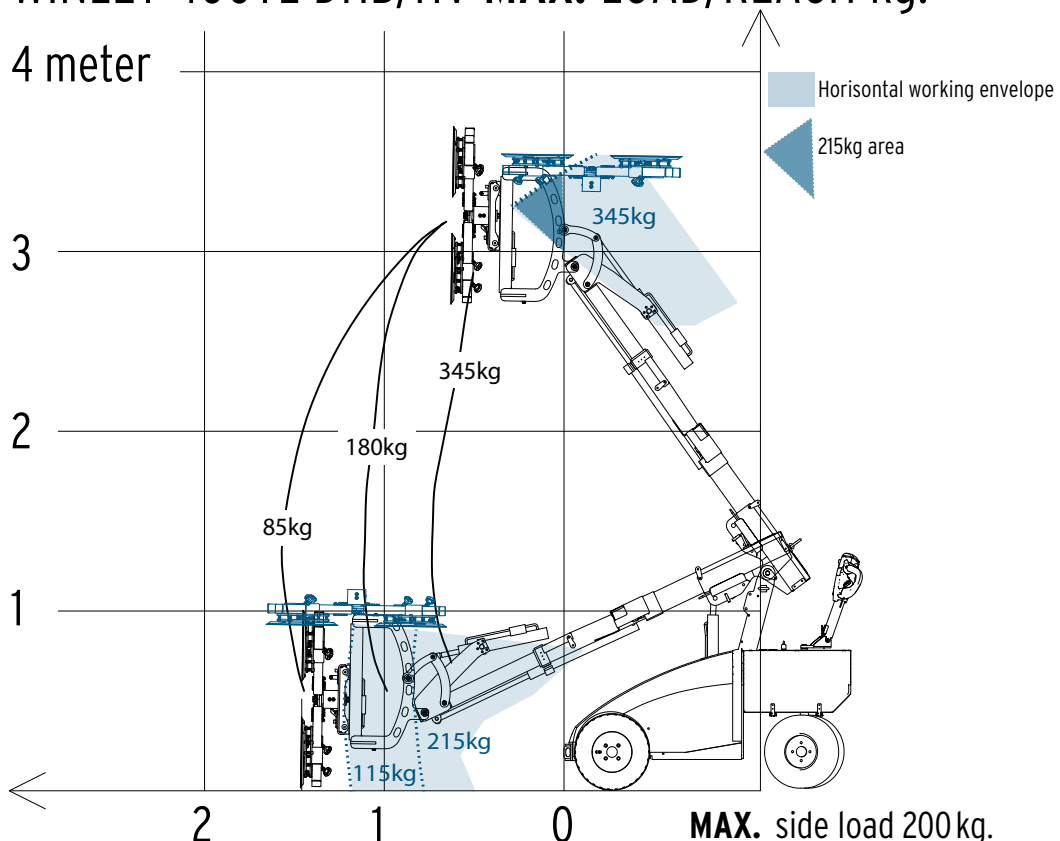
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- 100% linear movements at the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

Winlet 400TL DHB/HV

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	345 KG	MANUAL SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	85 KG / 345 KG	100% linear movements	
MAX SIDE MOUNTED LOAD	200 KG	HYDRAULIC FINE LIFT ON ARM	200 MM
TOTAL LENGTH	2.085 MM	100% linear movements	
TOTAL WIDTH	860 MM	TILT FUNCTION OF THE FRONT	BACK: 45° FORTH: 97°
Single mounted tires		Horizontal lifting arm	
TOTAL WIDTH	790 MM	ROTATION	ENDLESS
CL traction wheels		SUCTION CUPS	4 X Ø310 (Ø360/Ø410**) MM
WEIGHT	937 KG	FRONT WHEEL DRIVE	1200W
LIFTING HEIGHT	3.190 MM	24v AC transaxle	
Vertical cups, center of lifting yoke		BATTERIES	2X90 AH
EXTENSION MIN/MAX	590 MM / 1.590 MM	OPERATING HOURS	12 HOURS
Front bumper to suction cup		On fully charged batteries	
LIFTING HEIGHT MIN/MAX	0 MM / 910 MM	CHARGING TIME	8-10 HOURS
Horizontal cups down		SUITABLE FOR OUTDOOR USE	YES
LIFTING HEIGHT MIN/MAX	2.790 MM / 3.635 MM	Water resistant	
Horizontal cups up		INTEGRATED LIFTING EYE	YES
		For lifting of the Winlet	

WINLET 400TL DHB/HV MAX. LOAD/REACH kg.

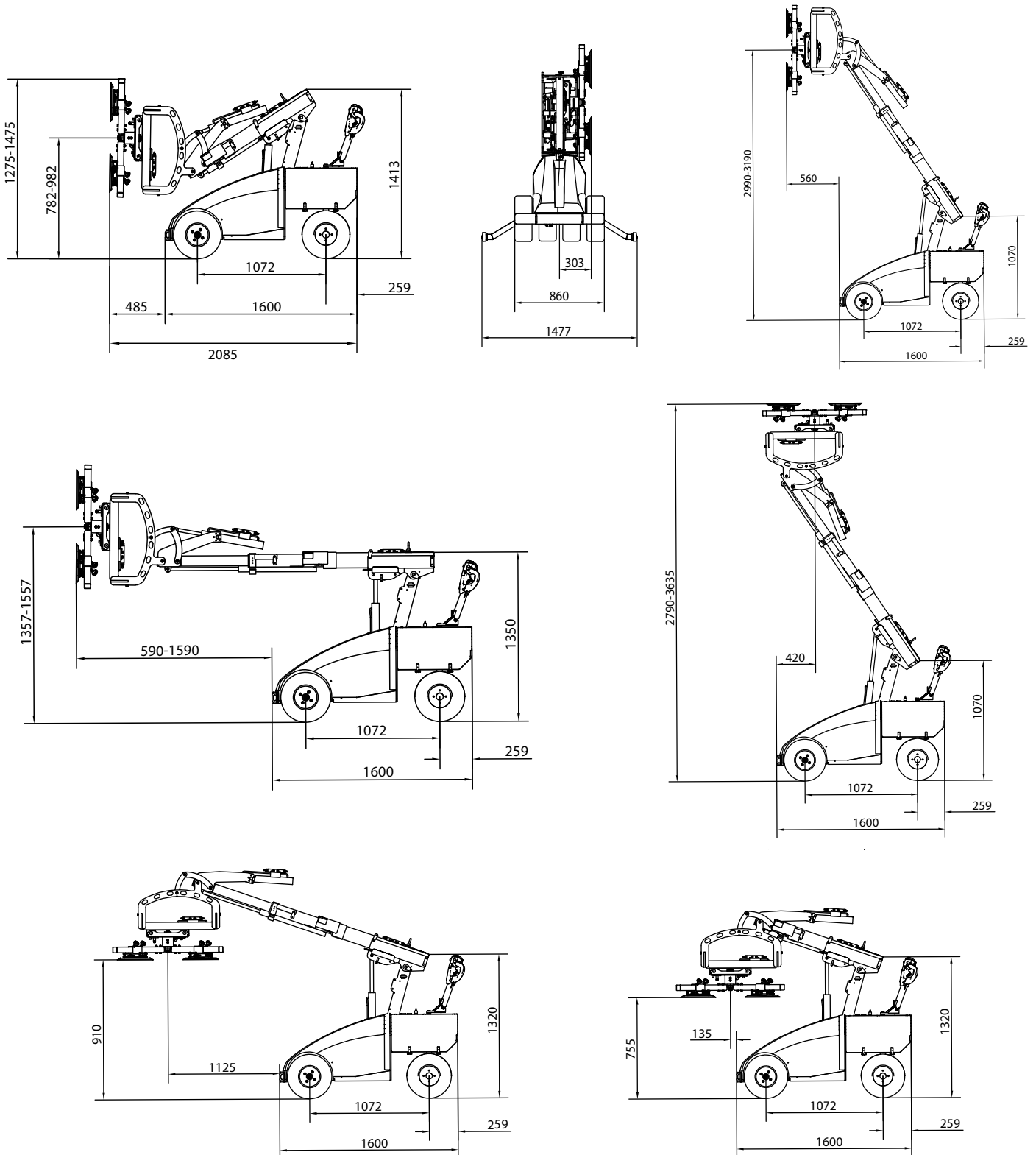


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** Optional

Winlet 400TL DHB/HV

DIMENSIONS*



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Winlet 400

TL

SHB

HS

Off-road model with great stability, short reach, and a front with horizontal hydraulic side shift.

i MAX LIFTING CAPACITY 500 KG

i WIDTH 860 MM

i MAX LIFTING HEIGHT 2.938 MM

i HYDRAULIC SIDE SHIFT 100 MM

Are you looking for an off-road glazing robot with an impressive lifting capacity? This is it!

Winlet 400TL is built to operate in an outdoor terrain and is extremely stable.



Winlet 400TL is equipped with extra wide steering and traction wheels making it extremely stable and ideal for outdoor installations.



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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

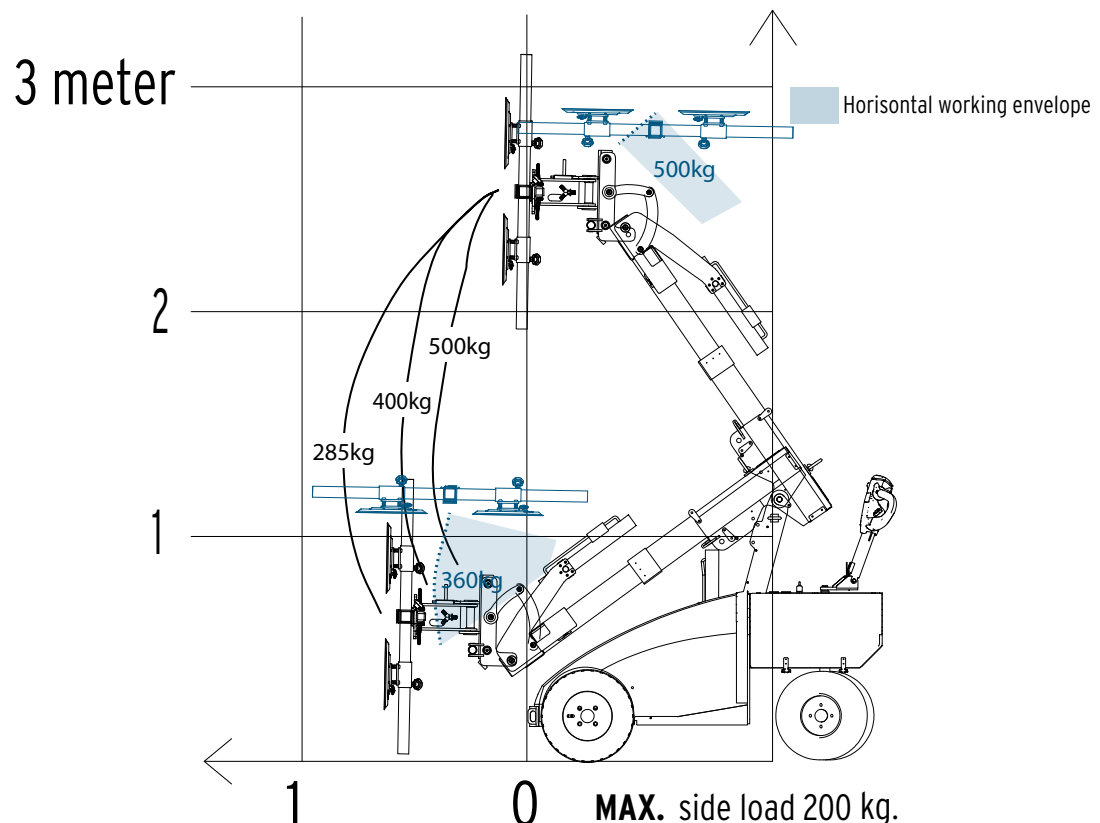
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- Hydraulic linear sideways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

Winlet 400TL SHB/HS

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	500 KG	HYDRAULIC SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	285 KG / 500 KG	100% linear movements	
MAX SIDE MOUNTED LOAD	200 KG	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 43° FORTH: 98°
TOTAL LENGTH	1.840 MM	ROTATION	2 X 180 DEGREES
TOTAL WIDTH Single mounted tires	860 MM	SUCTION CUPS	4 X Ø310 (Ø360 / Ø410**) MM
TOTAL WIDTH CL traction wheels	790 mm	FRONT WHEEL DRIVE 24v AC transaxle	1200W
WEIGHT	887 KG	BATTERIES	2X90 AH
LIFTING HEIGHT Vertical cups, center of lifting yoke	2.573 MM	OPERATING HOURS On fully charged batteries	12 HOURS
EXTENSION MIN/MAX Front bumper to suction cup	318 MM / 818 MM	CHARGING TIME	8-10 HOURS
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 1.192 MM	SUITABLE FOR OUTDOOR USE Water resistant	YES
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.530 MM / 2.938 MM	INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400TL SHB/HS MAX. LOAD kg.

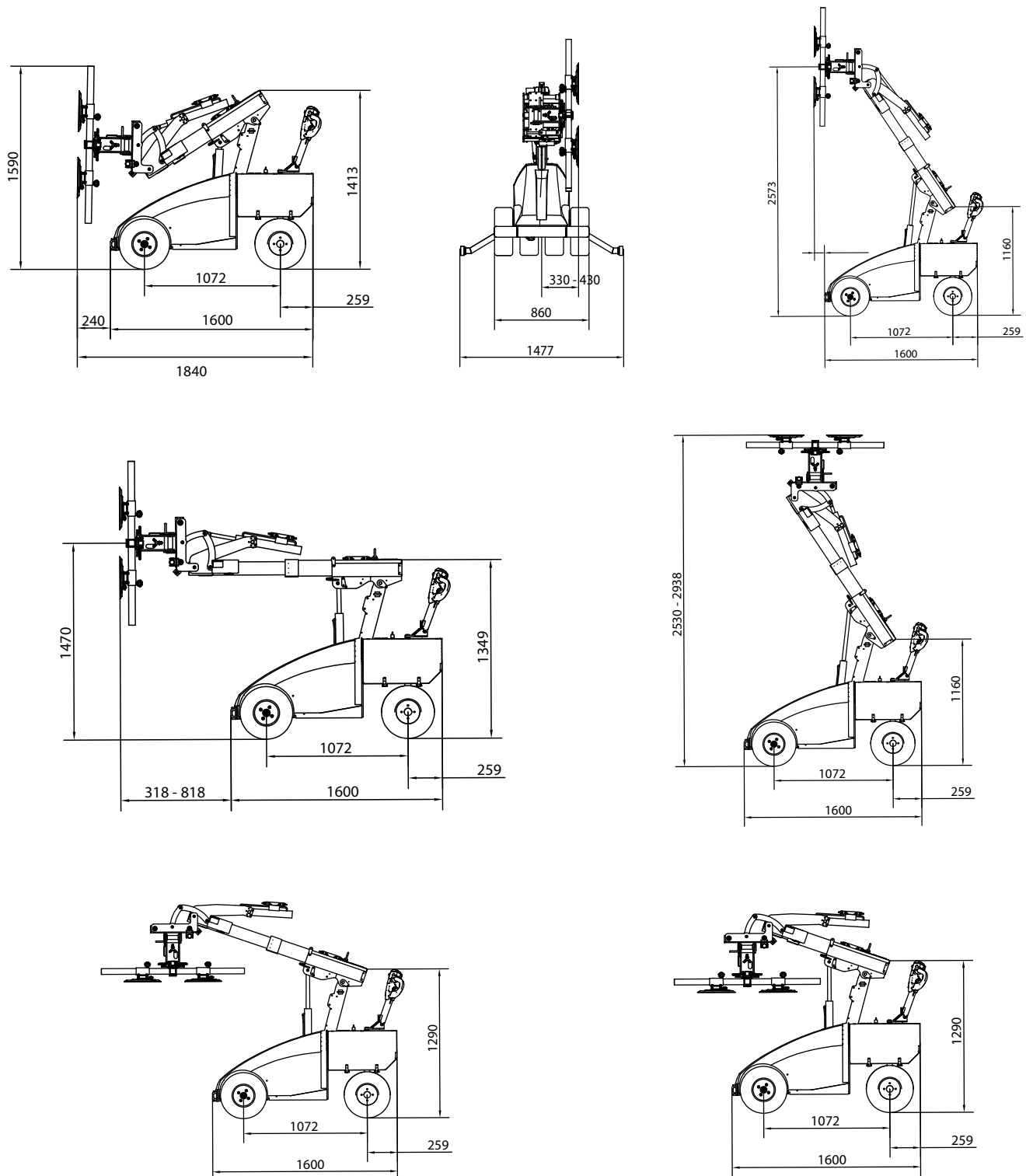


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** Optional

Winlet 400TL SHB/HS

DIMENSIONS*



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Winlet 400

TL

DHB

HS

Off-road model with great stability, extra reach, and a front with horizontal hydraulic side shift.

- MAX LIFTING HEIGHT 3.465 MM
- WIDTH 860 MM
- MAX LIFTING CAPACITY 415 KG
- HYDRAULIC SIDE SHIFT 100 MM

Are you looking for an off-road glazing robot with extra lifting height and an impressive lifting capacity? This is it!

Winlet 400TL is built to operate in an outdoor terrain and is extremely stable.



Winlet 400TL is equipped with extra wide steering and traction wheels making it extremely stable and ideal for outdoor installations.



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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

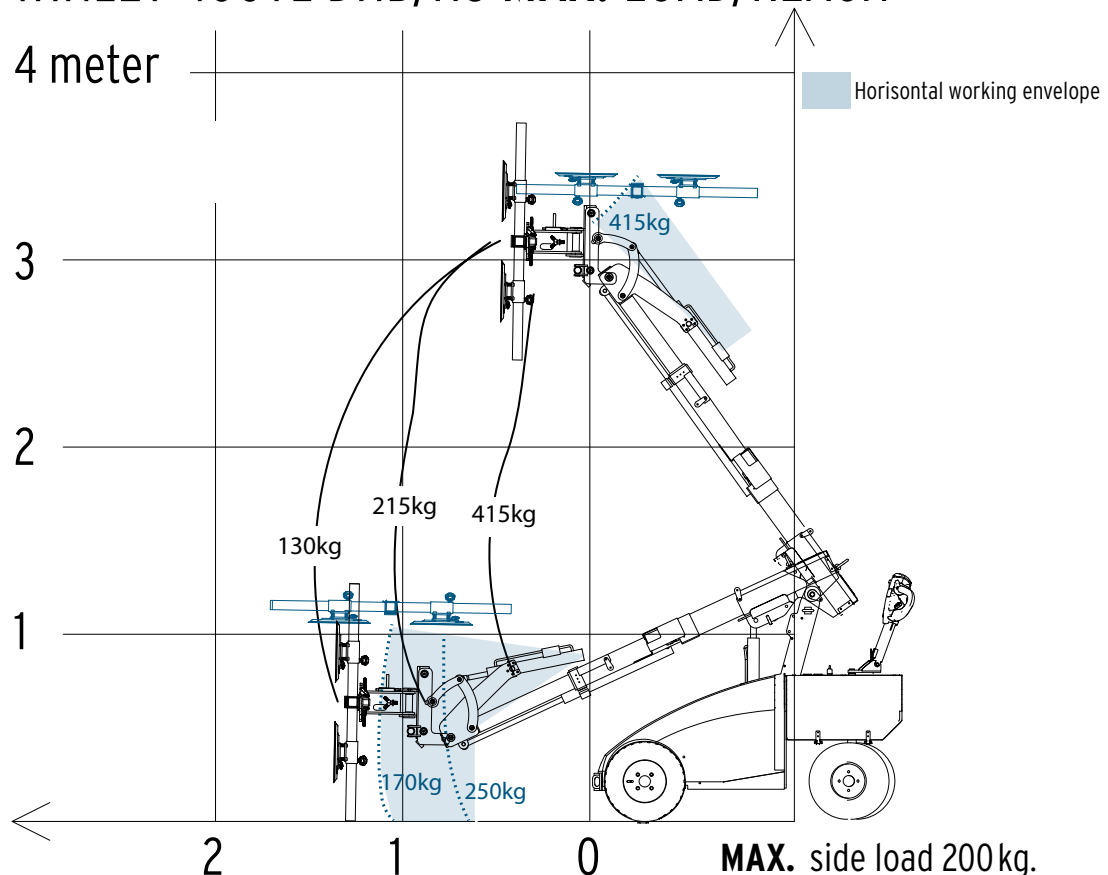
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- Hydraulic linear sideways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

Winlet 400TL DHB/HS

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	415 KG	HYDRAULIC SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	130 KG / 415 KG	100% linear movements	
MAX SIDE MOUNTED LOAD	200 KG	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 43° FORTH: 98°
TOTAL LENGTH	1.950 MM	ROTATION	2 X 180 DEGREES
TOTAL WIDTH Single mounted tires	860 MM	SUCTION CUPS	4 X Ø310 (Ø360 / Ø410**) MM
TOTAL WIDTH CL traction wheels	790 MM	FRONT WHEEL DRIVE 24v AC transaxle	1200W
WEIGHT	912 KG	BATTERIES	2X90 AH
LIFTING HEIGHT Vertical cups, center of lifting yoke	3.100	OPERATING HOURS On fully charged batteries	12 HOURS
EXTENSION MIN/MAX Front bumper to suction cup	450 MM / 1.450 MM	CHARGING TIME	8-10 HOURS
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 1.065 MM	SUITABLE FOR OUTDOOR USE Water resistant	YES
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.650 MM / 3.465 MM	INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400TL DHB/HS MAX. LOAD/REACH ka.

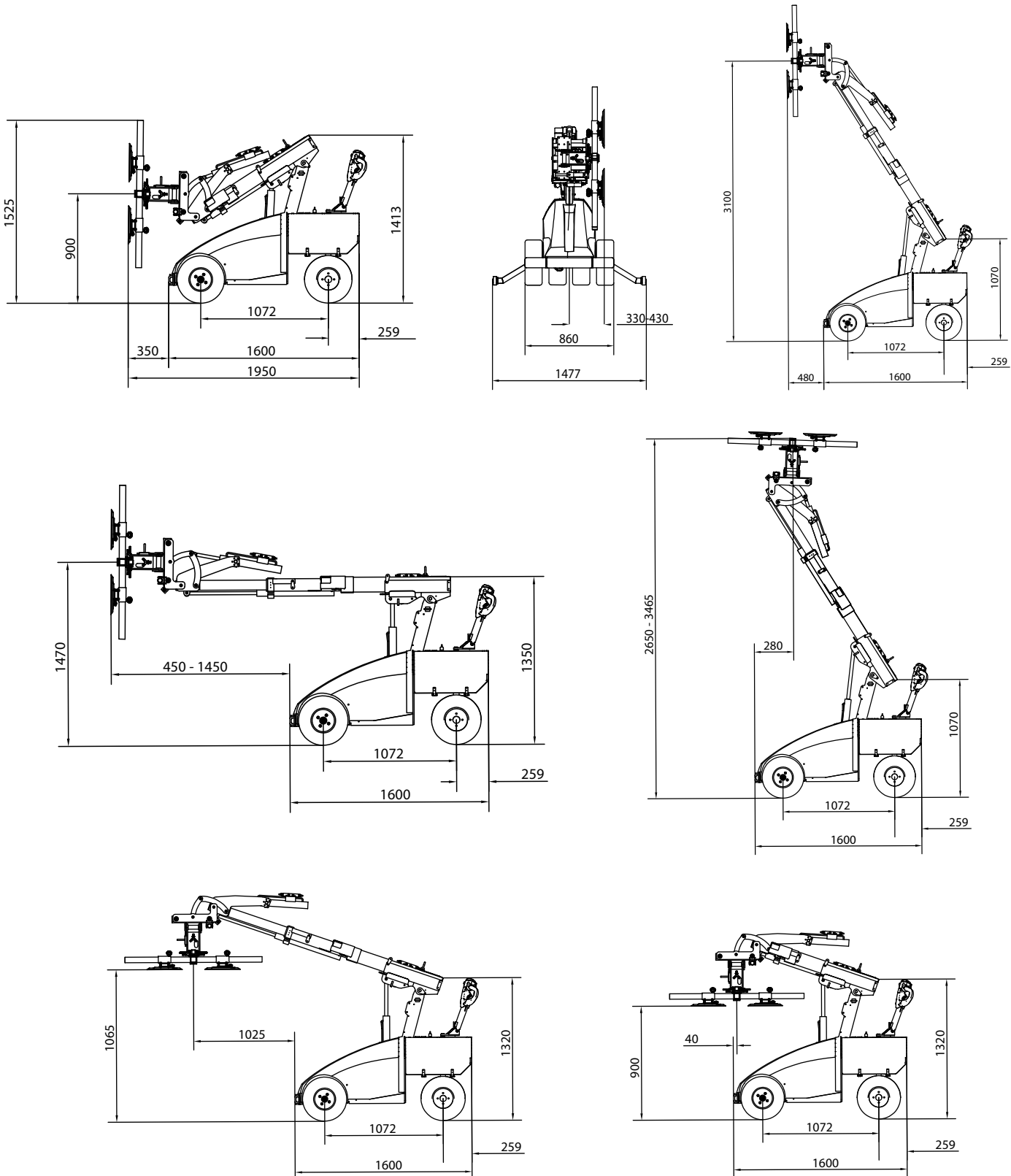


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** Optional

Winlet 400TL DHB/HS

DIMENSIONS*



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Winlet 400

TL

DHB

HS

HR

Off-road model with great stability, extra reach, and a front with horizontal hydraulic side shift and hydraulic rotation.

- MAX LIFTING HEIGHT 3.465 MM
- WIDTH 860 MM
- MAX LIFTING CAPACITY 415 KG
- HYDRAULIC SIDE SHIFT 100 MM
- HYDRAULIC ROTATION 360°

Are you looking for an off-road glazing robot with extra lifting height and an impressive lifting capacity? This is it!

Winlet 400TL is built to operate in an outdoor terrain and is extremely stable.



Winlet 400TL is equipped with extra wide steering and traction wheels making it extremely stable and ideal for outdoor installations.



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



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

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

2. 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 %.

As an option for MAC, you can choose a Radio Remote control where the functions are operated proportionally without set speed levels.

KEY ADVANTAGES

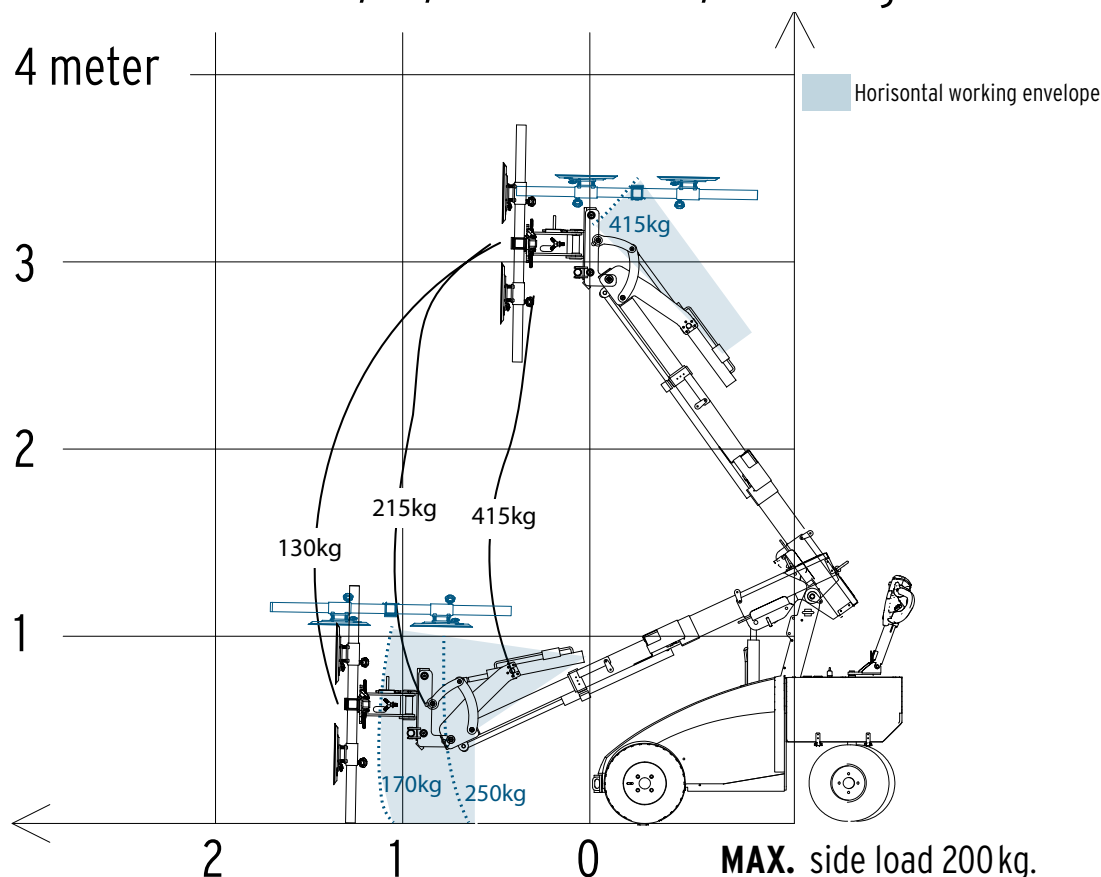
- Powerful front wheel drive
- Electromagnetic brakes
- Integrated safe & reliable 2 circuit vacuum system
- Ecomatic battery saving system
- Intelligent overload monitoring system
- Safety tiller switch on steering handle
- Easy maneuvering with ergonomic operating lever
- Hydraulic linear sideways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

Winlet 400TL DHB/HS/HR

TECHNICAL SPECIFICATIONS*

LIFTING CAPACITY	415 KG	HYDRAULIC SIDE SHIFT	100 MM
MAX LOAD ARM OUT/IN	130 KG / 415 KG	100% linear movements	
MAX SIDE MOUNTED LOAD	200 KG	TILT FUNCTION OF THE FRONT Horizontal lifting arm	BACK: 43° FORTH: 98°
TOTAL LENGTH	1.950 MM	HYDRAULIC ROTATION	360 DEGREES
TOTAL WIDTH Single mounted tires	860 MM	SUCTION CUPS	4 X Ø310 (Ø360 / Ø410**) MM
TOTAL WIDTH CL traction wheels	790 MM	FRONT WHEEL DRIVE 24v AC transaxle	1200W
WEIGHT	942 KG	BATTERIES	2X90 AH
LIFTING HEIGHT Vertical cups, center of lifting yoke	3.100 MM	OPERATING HOURS On fully charged batteries	12 HOURS
EXTENSION MIN/MAX Front bumper to suction cup	450 MM / 1.450 MM	CHARGING TIME	8-10 HOURS
LIFTING HEIGHT MIN/MAX Horizontal cups down	0 MM / 1.065 MM	SUITABLE FOR OUTDOOR USE Water resistant	YES
LIFTING HEIGHT MIN/MAX Horizontal cups up	2.650 MM / 3.465 MM	INTEGRATED LIFTING EYE For lifting of the Winlet	YES

WINLET 400TL DHB/HS/HR MAX. LOAD/REACH kg.

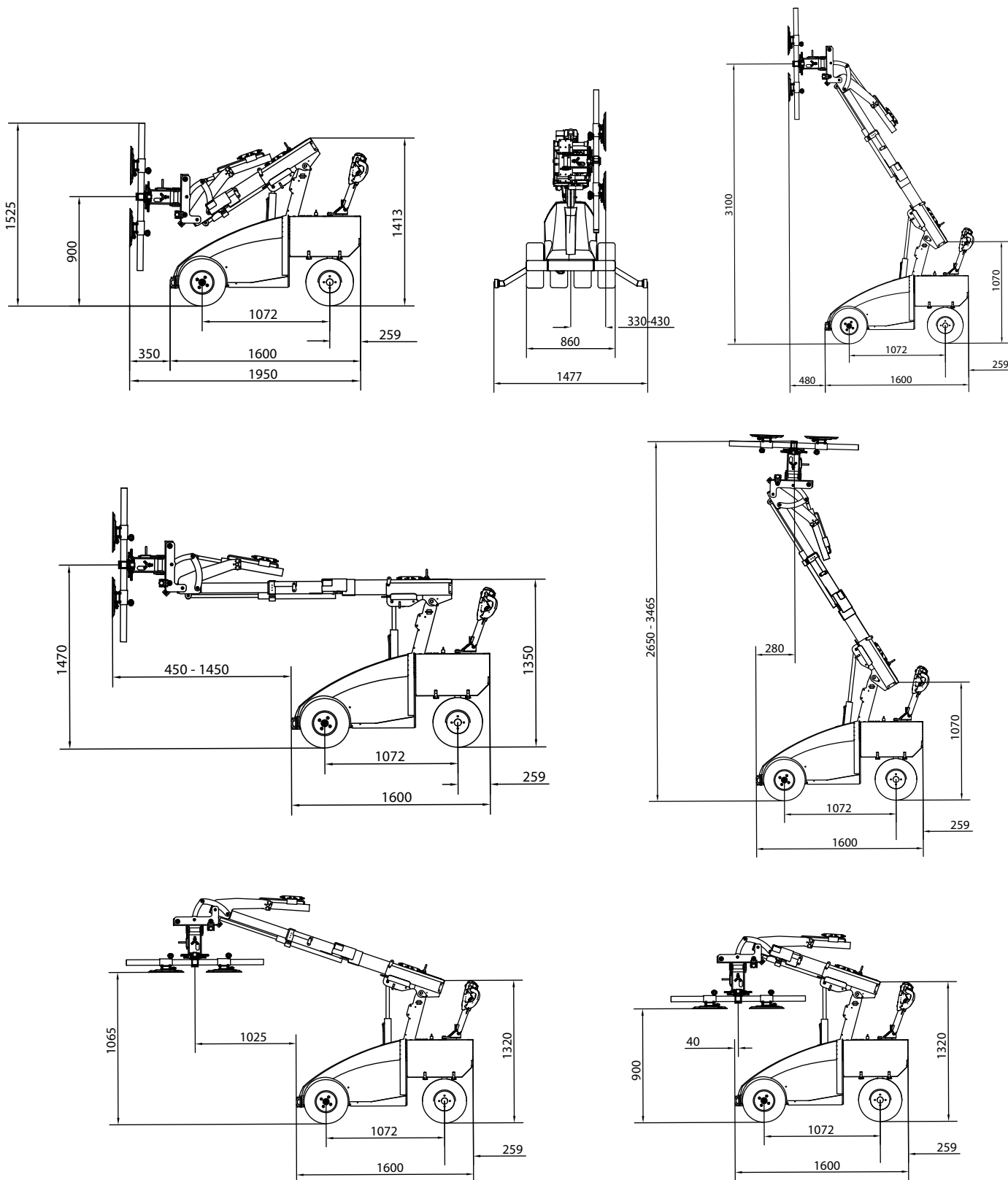


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42 ** Optional

Winlet 400TL DHB/HS/HR

DIMENSIONS*



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The company GMV A/S was founded in 1988. In 2008, the company was taken over by Jesper Faurskov and Erik Pedersen. 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 world-wide.

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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