www.hird.co.uk



Est. 1983 Celebrating 40 Years

Glass Lifting

Glass Lifting
Glazing Robots
Vacuum Lifters
Spider Cranes
Powered Access
Pick and Carry Cranes
Machine Moving Services
Lifting Equipment Hire
Operator Training
Contract Lifting
Crane Hire









Hird Ltd offers a wide range of modern, efficient equipment and services to meet with the individual requirements of each and every customer, small or large.

- Glass Lifting
- Glazing Robots
- Vacuum Lifters
- Spider Cranes
- Contract Lifting
- Powered Access
- Operator Training
- Pick and Carry Cranes
- Machine Moving Services
- Lifting Equipment Hire
- Crane Hire

All of our equipment, services and teams of experts are available nationwide, through one of our strategically located regional depots covering the north, central and southern areas of the UK.



40 Years of Experience est. 1983















Throughout this guide you will see the Hird Training icon



IPAF 3A - mobile vertical

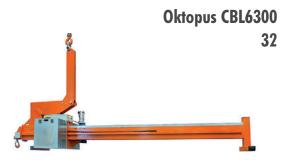
It is designed to recommend the specific courses that we feel are necessary to operate the relevant machine types safely and effectively.

If you cannot find the training course you require, or are unsure as to which courses suit your requirements, then please do not hesitate to call Hird Training on 01482 481965.

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Winlet 400TL









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WINLET 350

Dual Circuit Window & Glass Installation Robot

UK and Ireland distributor

Best installation control for safe and productive lifting

The **Winlet 350** robot revolutionises the installation of glass, with capacities of up to 350kg and overhead installation all within a compact design for work in confined areas.





350kg



360° rotation



180° til

Technical specification

Max. working height	2,800mm
Max. extension from front bumper to suction cup	790mm
Extension capacity at max extension	200kg
Side lift capacity	200kg
Linear	90mm
Fine lift on jib head	500mm
Suction cups (Glass)	4 @ 270mm Ø
Total machine weight	617kg
Light weight excluding counterweights	512kg
Power source	Battery 110v on-board charger
Remote control	Wired



Vacuum Robots Course



Features include



Easy to operate stabilisers



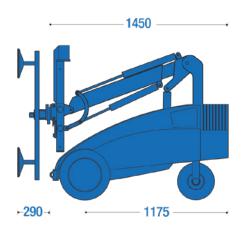
Transport loads on side up to 200kg

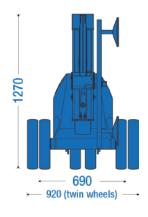


Wired remote control allows accurate placement of materials



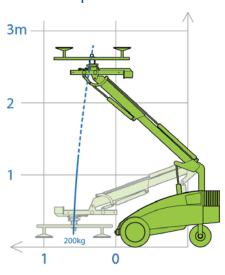
The Winlet 350 is narrow enough to fit through a standard doorway and can side lift and transport up to 200kg

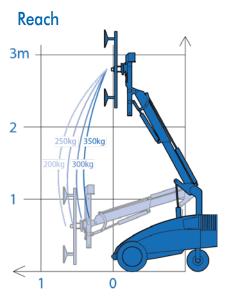




-300 -

Pick and place





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WINLET 350TH

Dual Circuit Window & Glass Installation Robot

UK and Ireland distributor

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



360° rotation

Features include



Technical specification

Max. working height	2,700mm
Max. extension from front bumper to suction cup	790mm
Extension capacity at max extension	200kg
Side lift capacity	200kg
Linear	90mm
Fine lift on jib head	500mm
Suction cups (Glass)	6 @ 270mm Ø
Total machine weight	400kg
Power source	Battery 110v on-board charger
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.

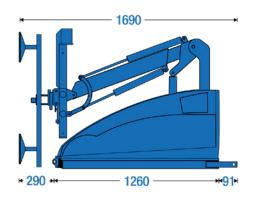


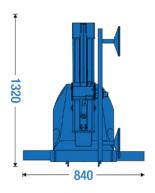
Vacuum robots course



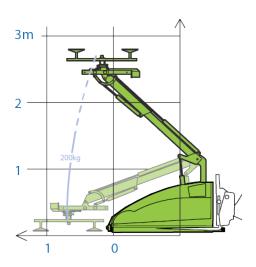


The Winlet 350TH has a hydraulic system which makes it independent from the telehandler

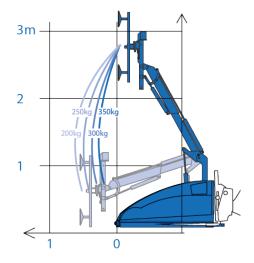




Pick and place



Reach



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WINLET 375

Dual Circuit Window & Glass Installation Robot

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



360° rotation



45° Back / 97° Forth tilt

Technical specification

Max. working height	3,078mm
Max. extension from front bumper to suction cup	958mm
Extension capacity at max extension	200kg
Side lift capacity	200kg
Linear	200mm
Fine lift on jib head	100mm
Suction cups (Glass)	4 @ 310mm Ø
Total machine weight	732kg
Power source	Battery 110v on-board charger
Remote control	Wired



Features include



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

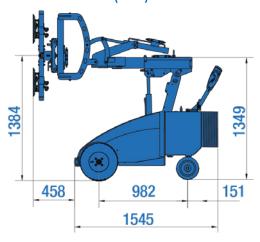




All equipment panels are water jet resistant and dust tight to IP65 rating standard.

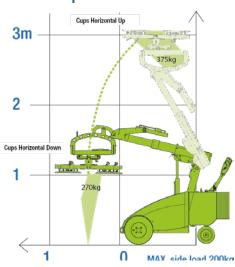


The Winlet 375 glazing robot minimises manual handing to maximise safety and productivity.

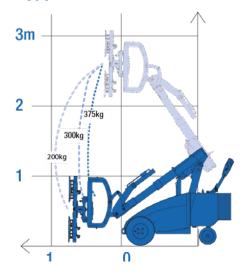


300

Pick and place



Reach



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WINLET 400TL

Dual Circuit Window & Glass Installation Robot

All the latest technology for lighter loads

A new addition to the fleet, the 400TL glass installation robot with the very latest versatile manipulator head from Winlet gives you excellent control in lifting loads up to 415kg. Fitted with double extending boom or reach up to 3.65m and a excellent lifting envelope



Wired remote control



415kg



360° continuous rotation



Technical specification

Max. working height	3,635mm
Max. extension from front bumper to suction cup	1,950mm
Extension capacity at max extension	215kg
Side lift capacity	200kg
Fine lift on jib head	100mm
Suction cups (Glass)	4 @ 350mm Ø
Total machine weight	942kg
Power source	Battery 110v on-board charger
Remote control	Wired



Features include



Hydraulic horizontal shift enables operator to make fine adjustments to load position.



Double extension hydraulic boom provide improved reach and lift height.



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

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

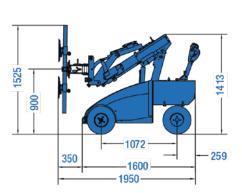


Vacuum robots course

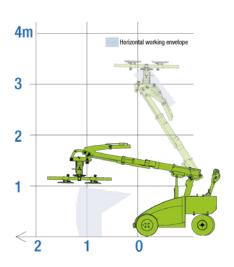


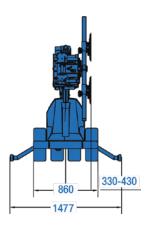


The Winlet 400TL combines superior lifting capacity and reach, with unique stability and off-road capabilities

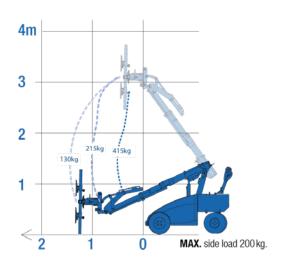


Pick and place





Reach



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WINLET 575

Dual Circuit Window & Glass Installation Robot

UK and Ireland distributor

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



180° rotation



180° til

Technical specification

Max. working height	3,600mm
Max. extension from front bumper to suction cup	1,800mm
Extension capacity at max extension	275kg
Side lift capacity	275kg
Linear	75mm
Fine lift on jib head	190mm
Suction cups (Glass)	4 @ 350mm Ø
Total machine weight	1,300kg
Light weight excluding counterweights	1,025kg
Power source	Battery 110v on-board charger
Remote control	Wired



Vacuum Robots Course



Features include



Easy to operate stabilisers



Wired remote control allows accurate placement of materials



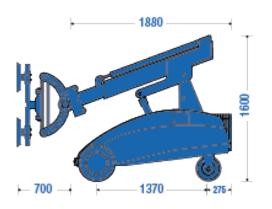
Lift a wide range of materials by changing the suction cups



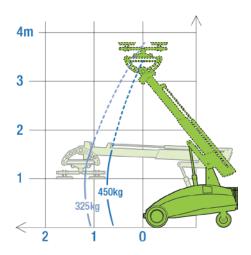
Twin wheels for rough terrain (optional)

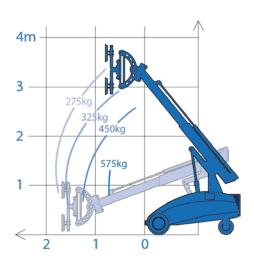


Intelligent load monitoring on all Winlet robots protects the lifting team and the load



Pick and place Reach





1250 (twin wheels)

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UK and Ireland distributor

WINLET 600

Dual Circuit Window & Glass Installation Robot



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

C

360° rotation



180° til

Technical specification

Max. working height	3,300mm
Max. extension from front bumper to suction cup	1,300mm
Extension capacity at max extension	300kg
Side lift capacity	300kg
Linear	100mm
Fine lift on jib head	190mm
Suction cups (Glass)	4 @ 350mm Ø
Total machine weight	1,060kg
Light weight excluding counterweights	865kg
Power source	Battery 110v on-board charger
Remote control	Wired



Vacuum Robots Course



Features include



Intelligent load monitoring protects the operator and the load



Wired remote control allows accurate placement of materials



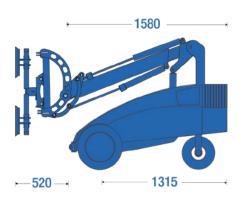
Lift a wide range of materials by changing the suction cups

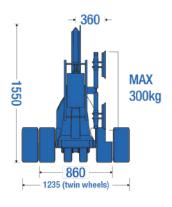


Twin wheels for rough terrain (optional)

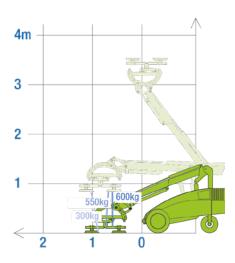


The Winlet 600 is narrow and its powered steering makes it highly manoeuvrable

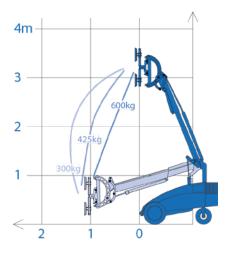




Pick and place



Reach



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UK and Ireland distributor

WINLET 785

Dual Circuit Window & Glass Installation Robot

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



180° rotation



180° tili

Technical specification

Max. working height	3,970mm
Max. extension from front bumper to suction cup	2,500mm
Extension capacity at max extension	100kg
Side lift capacity	275kg
Linear	75mm
Fine lift on jib head	200mm
Suction cups (Glass)	4 @ 410mm Ø
Total machine weight	1,422kg
Light weight excluding counterweights	1,142kg
Power source	Battery 110v on-board charger
Remote control	Wired



Vacuum Robots Course



Features include



Intelligent load monitoring protects the operator and the load



Multifunction control panel with integrated buttons and signal lights



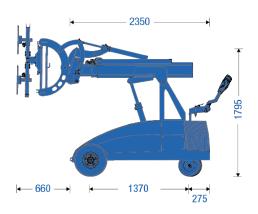
Easy to adapt to carry other materials including: granite, concrete, plasterboards, steel panels or plates, tiles, wooden panels & doors



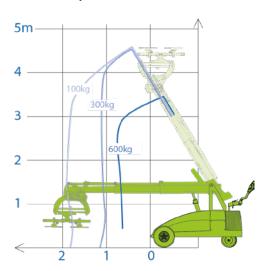
Twin wheels for rough terrain (optional)

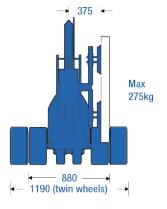


Compact design makes the Winlet 785 suitable for operating in confined spaces and transported in construction hoists

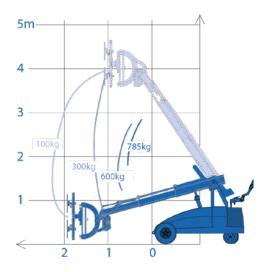


Pick and place





Reach



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UK and Ireland distributor

The glazing robot with a 1 tonne capacity

The **Winlet 1000** can lift up to 1,000kg yet is ideal for working across rough terrain and low load bearing floors.



WINLET 1000

Dual Circuit Window & Glass Installation Robot



1,000kg



180° rotation



180° til

Technical specification

Max. working height	4,100mm
Max. extension from front bumper to suction cup	2,500mm
Extension capacity at max extension	300kg
Side lift capacity	300kg
Linear	75mm
Fine lift on jib head	200mm
Suction cups (Glass)	4 @ 410mm Ø
Total machine weight	1,850kg
Light weight excluding counterweights	1,300kg
Power source	Battery 110v on-board charger
Remote control	Wired



Vacuum Robots Course



Features include



Winlet 1000 has a huge maximum reach of 2.6m



Twin wheels for rough terrain (optional)



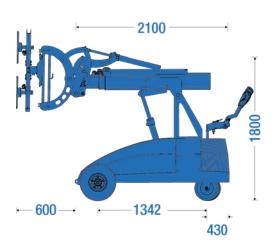
Multifunction control panel with integrated buttons and signal lights



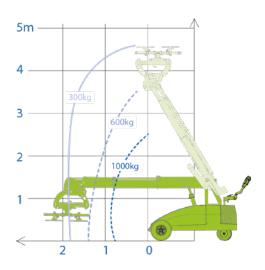
Intelligent load monitoring protects the operator and the load

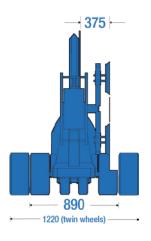


The Winlet 1000 has an unrivalled lift and reach capacity along with a low weight / low surface pressure

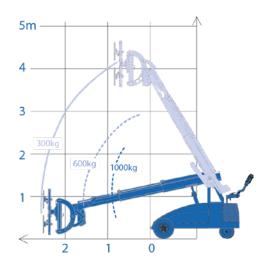


Pick and place





Reach

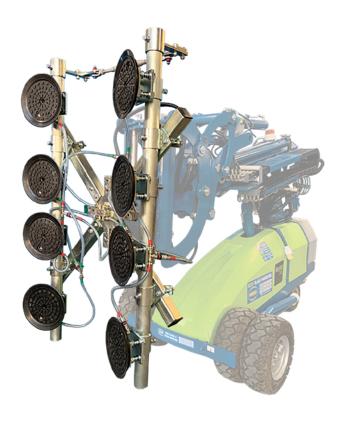


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CURVED ADAPTION KIT

Dual Circuit Curved Vacuum Lifter for Winlet Glazing Robots



Compatible with



Winlet 575

SWL **463kg**



Winlet 785

SWL **630kg**

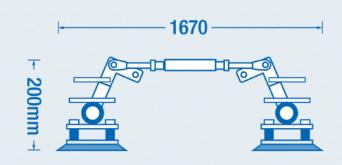


Winlet 1000 SWL 630kg

463kg - 630kg

Technical specification

_		
Suction cups	8	
Pad diameter	250mm	
Weight	112kg	
Pad spread adjustable up to	960mm x 1,670mm	
N.B. must be used within the load chart capabilities of the individual Winlet model.		





Vacuum robots course



ANATOMY OF ANATOMY OF

Linear Side Shift Ram

One of the unique benefits of Winlet, much appreciated by clients, is that side shift of glass panels is linear, so they remain perfectly aligned with the glazing aperture. This is achieved with a ram attached to the manipulator head. Rival glazing robots side shift using their wheels, resulting in a curved motion, so panels do not remain aligned.

Extendable Jib

The Winlet glazing robot has an extendable jib, or boom. This is controlled with a hydraulic ram. When fully closed, the jib head is 700mm from the front of the glazing robot. When fully extended, it is 1,800mm from the front of the machine.

700

Steering Control Arm

1800mm

The Winlet glazing robot is moved into position using the steering arm. At the same time, the operator controls the speed of movement via the steering arm control pad.

Manipulator Head

This allows the glass sheet to be moved precisely into position. The manipulator head can be tilted and rotated through 180 degrees. This allows a glass sheet to be lifted overhead.

Counterweights

Stability during glass installation is provided by 275kg counterweights at the back of the glazing robot. These are removed during transportation.

Vacuum Cups

The Winlet glazing robot has a vacuum lifter with four vacuum cups. Extension arms can be fitted to increase the pad spread. In the event of a catastrophic vacuum failure, the one-way air valves remain open, so the panel is never dropped. The Winlet 575 has a maximum lifting capacity of 575kg.

Articulated Rear Axle

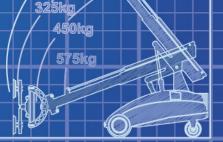
The Winlet glazing robot is easily steered using an articulated rear axle. This allows the operator to position the machine precisely for optimum glass installation control.

Pneumatic Front Wheels

The glazing robot's front wheels have pneumatic tyres to assist in moving over rough terrain. Twin tyres can be fitted to provide added stability if it is needed. The front wheels are the machine's drive wheels.

Load Stabilising Arms

These are not load-bearing, but help stabilise the glazing robot when it is being moved across rough terrain.



275ká

325kg

hird.co.uk/anatomy

450ka

WINLET 575



ERGOMOVER LIFT & GO

Material Transport Trolley

www.hird.co.uk

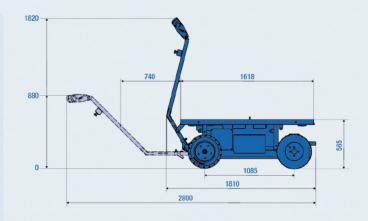
The ErgoMover Lift & Go is a battery powered electric transport trolley with a hydraulically liftable flatbed and 4-wheel steering for easy handling of materials on construction sites.

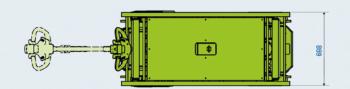


1,500kg

Technical specification

Length (without handle)	1,618mm
Transport loads up-to (in length)	3,000mm
Max. lifting height	715mm
Total machine weight at max extension	311kg
Max travelling speed	0-6km/ph
Wheels	Foam filled puncture proof
Voltage	24 volts
Power source	Battery 110v on-board charger
Lifting function	Electro-hydraulic







Manual handling awareness training course



ERGOMOVER MANIPULATOR

Material Transport Trolley

A unique self-propelled trolley that provides users with TWO functions for controlling construction materials.

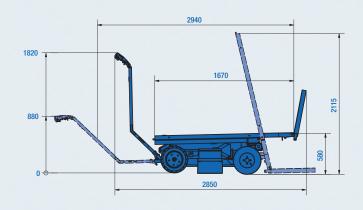
For example, it can set down stacks of plasterboard on trestles and it can raise a stack of plasterboard to the vertical position.

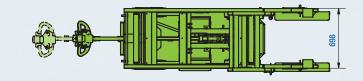


1,100kg

Technical specification

Length (without handle)	1,670mm
Transport loads up-to (in length)	3,000mm
Max. lifting height	725mm
Total machine weight at max extension	425kg
Max travelling speed	0-6km/ph
Wheels	Foam filled puncture proof
Voltage	24 volts
Power source	Battery 110v on-board charger
Lifting function	Electro-hydraulic







Manual handling awareness training course



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TRACKED CRAWLER

Material Carrier

TC-1200 PRO

TC-2200 PRO

TC-4000 PRO







1,200kg

2,200kg

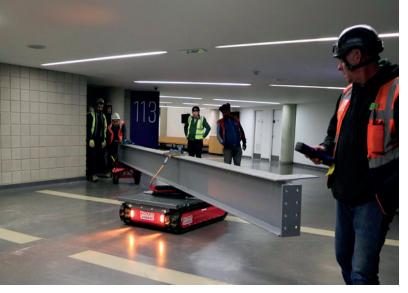
4,000kg

Max. side slope	30°	30°	30°
Max. gradient	45°	45°	45°
Max. capacity at max gradient	300kg	550kg	300kg
Max speed	3km/h	3km/h	3km/h
Machine weight (unladen)	340kg	500kg	340kg
Power (Max)	2.4kW	3.4kW	2.4kW
Voltage	24 volts	24 volts	24 volts
Power source	Battery 110v-230v charger input	Battery 110v-230v charger input	Battery 110v-230v charger input
Battery capacity	115Ah	200Ah	115Ah



LEEA - Manual handling awareness training course







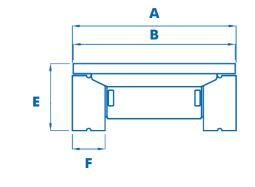


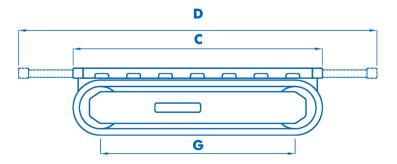


Wired remote control

Dimensions

	TC1200	TC2200	TC4000
Overall Width (A)	750mm	950mm	1000mm
Width of Bed (B)	740mm	940mm	970mm
Length of Bed (C)	1120mm	1260mm	1790mm
Length Extended (D)	1700mm	1910mm	2860mm
Height (E)	360mm	365mm	500mm
Track Width (F)	150mm	180mm	230mm
Track length on ground (G)	800mm	1100mm	1400mm
Ground Clearance (centre)	60mm	60mm	100mm





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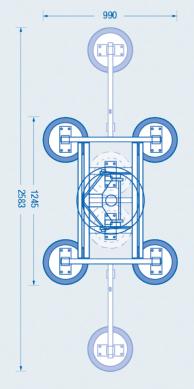


GML OVERHEAD GLAZING MANIPULATOR



500kg

Technical specification		
Lifting capacity	500kg up to 7.94m	
Suction cups	8 x 300mm Ø	
Weight of lifter	150kg	
Total weight (with GML 800)	715kg	
Voltage	110v/240v dual voltage charge (manipulator charges through GML800)	





Vacuum robots course



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



www.hird.co.uk

Designed to fit on our Maeda range of mini cranes, it offers a maximum working height of 16m with all the benefits and precision of a glazing robot now with the added reach of a mini crane.



The Wirth Oktopus Glazing Manipulator is the perfect companion for the Maeda MC285 (68), MC305 (74) & MC405 (78) Mini Cranes

OKTOPUS GL-CC777600



600kg



95° rotation

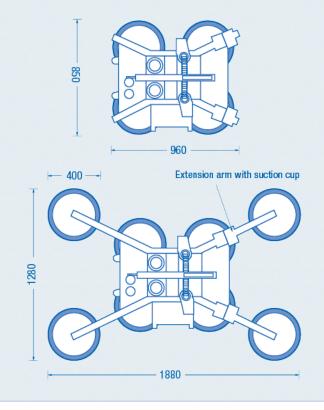
Technical specification

Max. lifting capacity		600kg	300kg
Weight of lifter		170kg	145kg
Number of suction cu	ıps	8	4
Suction cup dimension	on	8 x 400mm	4 x 400mm
Structural depth		1,250mm	
Power source		Battery	
		110v on-board cl	narger
Powered head unit	up & down	60°	narger
Powered head unit Powered pad frame	up & down rotation		narger



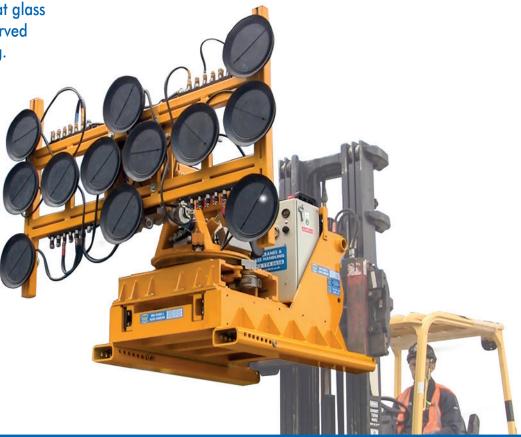
Vacuum robots course





TELEHANDLER GLAZING MANIPULATOR

The Kappel Telehandler Glazing Manipulator is capable of lifting flat glass up to 1,500kg & curved glass up to 1,200kg.



1,500kg



180° rotation



40° tilt

- Wireless remote control
- Fully automated manipulator
- Motorized turning 360°
- Hydraulic swing 90°
- Hydraulically tilted sideways 40°

 Hydraulic lateral m 	ovement 250mm
---	---------------

•	Hydraulic drive	250mm

	11 1 1 11 1 1	100
•	Hvdraulically turnina	40°
-	HVUHUUHCUHV TUHHHU	TU

Manipulator weight 1,000kg



Vacuum robots course



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



KAPPEL GGH350

Compact Counterweight Balancer

www.hird.co.uk

A fantastic new compact counterbalancer for use under smaller soffits and overhangs but still offering excellent capacity - 350kg.



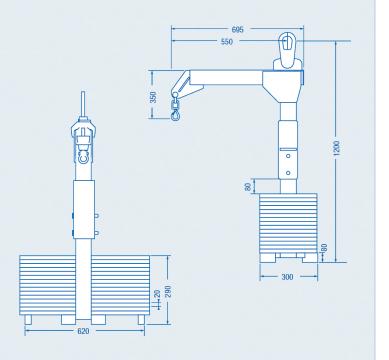
350kg

Technical specification

Depth of overhang 550mm

Weight approx. 80kg 500kg

without counterweight with counterweights





LEEA - Counterbalance lifting beam



KAPPEL GGH600

Compact Counterweight Balancer

A fantastic new compact counterbalancer for use under smaller soffits and overhangs but still offering excellent capacity - 600kg.



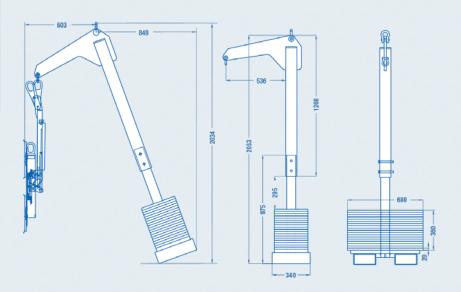
600kg

Technical specification

Depth of overhang 600mm

Weight approx. **636kg**

with counterweights





LEEA - Counterbalance lifting beam





www.hird.co.uk

COUNTERBALANCER

Counterweight Balancer

KAPPEL C HOOK

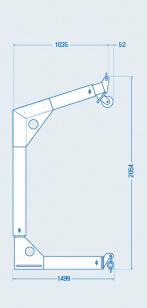
An impressive adjustable C Hook Counterbalancer with a 1000kg capacity, perfect where larger counterbalance lift beams are too big or impractical.

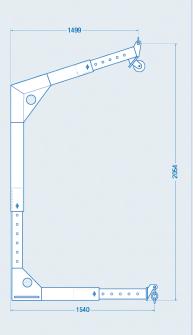


1000kg

Technical specification

Height	Max. 2969mm Min. 2054mm
Jib length	Max. 1540mm Min 1080mm
Weight	135 kg





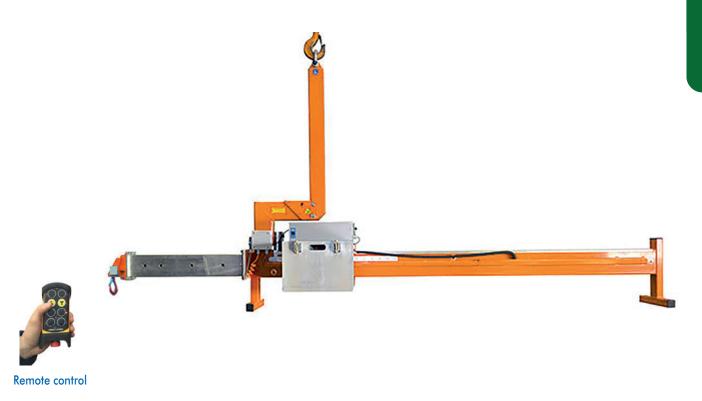


LEEA - Counterbalance lifting beam



OKTOPUS CBL900

Counterbalance Lifting Beam



900kg

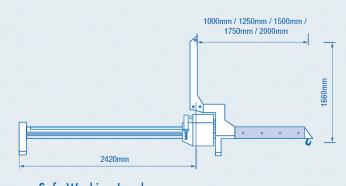
Technical specification

Overhang adjustable	Minimum	1,000mm	Maximum	2,000mm
Weight	approx.	210kg without counterweight	810kg with 24 cou	nterweights
Inclination	Maximum	±10°		
Counterweights		24 removable pic 1 counterweight = 2		
Power source		24v battery - 110v	/ 240v cha	rger
Operation		Cable remote con radio remote con	•	onal



LEEA - Counterbalance lifting beam





Safe Working Loads

Overhang	Working Load Limit
1.0m	900kg
1.25m	900kg
1.5m	900kg
1.75m	900kg
2.0m	900kg

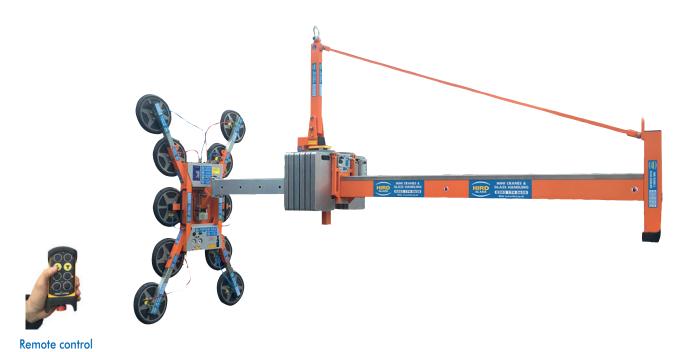
Please check with the Hird team for the use of below the hook vacuum lifters with this product



OKTOPUS CBVL1000

Counterbalance Lifting Beam

www.hird.co.uk



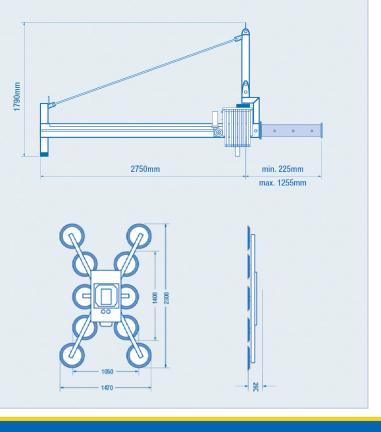
1,000kg

Technical specification Overhang adjustable Minimum 255mm Maximum 1,255mm Weight 190 kg 790 kg without counterweight with 24 counterweights Inclination Maximum $\pm 10^{\circ}$ Counterweights 24 removable pieces 1 counterweight = 25 kgPower source 24v battery - 110v / 240v charger Operation Cable remote control, radio remote control optional



LEEA - Counterbalance lifting beam









OKTOPUS CBL2500

Counterbalance Lifting Beam

www.hird.co.uk





Remote control

2,500kg

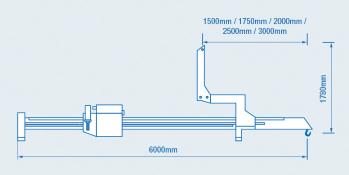
Technical specification

iodiniidai op				
Overhang adjustable	Minimum	1,500mm	Maximum	3,000mm
Weight	approx.	515kg without counterweight	1,265kg with 30 cou	nterweights
Inclination	Maximum	±10°		
Counterweights		30 removable pie 1 counterweight = 25		
Power source		24v battery - 110v	/ 240v cha	rger
Operation		Cable remote con radio remote con	•	nal



LEEA - Counterbalance lifting beam





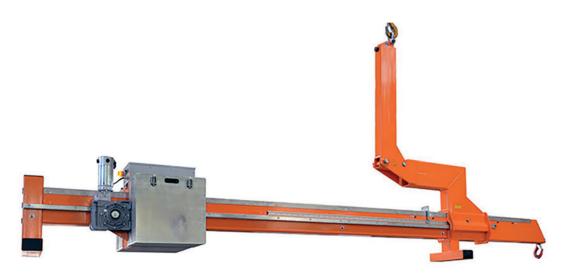
Safe Working Loads

Overhang	Working Load Limit
1.50m	2,500kg
1.75m	2,000kg
2.00m	1,500kg
2.50m	1,000kg
3.00m	700kg

Please check with the Hird team for the use of below the hook vacuum lifters with this product

OKTOPUS CBL5000

Counterbalance Lifting Beam





Remote control

5,000kg

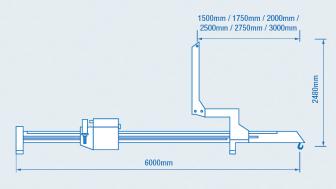
Technical specification

Overhang adjustable	Minimum	1,500mm	Maximum	3,000mm
Weight	approx.	900kg without counterweight	2,600kg with 34 cou	nterweights
Inclination	Maximum	±10°		
•		34 removable pic 1 counterweight =		
Power source		24v battery - 110	0v / 240v (charger
Operation		Cable remote con	•	nal



LEEA - Counterbalance lifting beam





Safe Working Loads

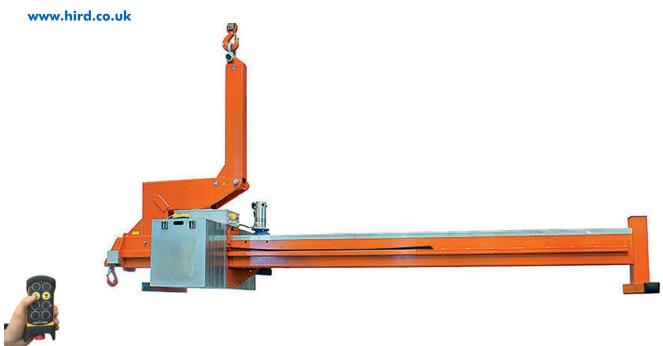
Overhang	Working Load Limit
1.50m	5,000kg
1.75m	3,900kg
2.00m	3,200kg
2.25m	2,650kg
2.50m	2,200kg
2.75m	1,850kg
3.00m	1,550kg

Please check with the Hird team for the use of below the hook vacuum lifters with this product



OKTOPUS CBL6300

Counterbalance Lifting Beam



6,300kg

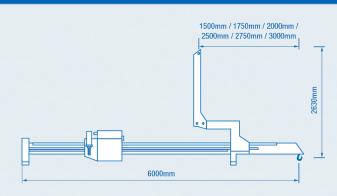
Remote control

Technical specification Overhang adjustable Minimum 1,500mm Maximum 3,000mm Weight 1,050kg 3,050kg approx. without counterweight with 40 counterweights Inclination Maximum $\pm 10^{\circ}$ Counterweights 40 removable pieces 1 counterweight = 50 kgPower source **24v battery** - 110v / 240v charger Operation Cable remote control, radio remote control optional



LEEA - Counterbalance lifting beam





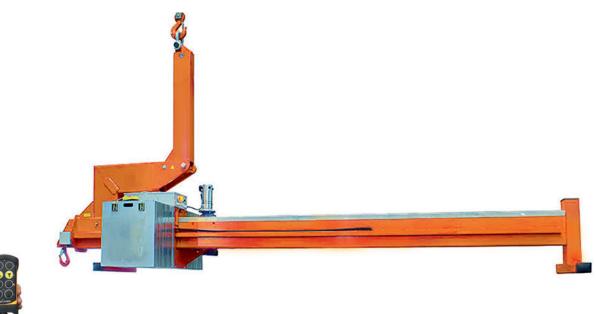
Safe Working Loads

Overhang	Working Load Limit
1.50m	6,300kg
1.75m	5,050kg
2.00m	4,150kg
2.25m	3,400kg
2.50m	2,850kg
2.75m	2,350kg
3.00m	1,950kg

Please check with the Hird team for the use of below the hook vacuum lifters with this product

OKTOPUS CBL8000

Counterbalance Lifting Beam





8,000kg

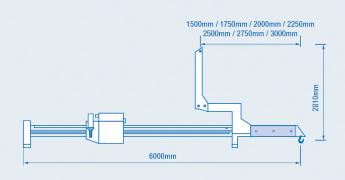
Technical specification

Overhang Adjustable	Minimum	1,500mm	Maximum	3,000mm
Weight	approx.	1,200 kg without counterweight	4,100kg with 58 cou	nterweights
Inclination	Maximum	±10°		
Counterweights		58 removable pic 1 counterweight = 5		
Power Source		24v battery - 110)v / 240v (charger
Operation		Cable remote con radio remote con	•	nal



LEEA - Counterbalance lifting beam





Safe Working Loads

Overhang	Working Load Limit
1.50m	8,000kg
1.75m	6,400kg
2.00m	5,250kg
2.25m	4,300kg
2.50m	3,650kg
2.75m	3,000kg
3.00m	2,500kg

*Please check with the Hird team for the use of below the hook vacuum lifters with this product *



GML500+ Counterbalance Floor Crane

www.hird.co.uk

A welcome addition to the ever-popular GML range of counterbalance material lifts. If lift height is what you need and you have limited space then the GML500 is an excellent option.

- Crane Boom or Forks as standard.
- SWL reduced if using GA2 Glazing Manipulator



500kg

Technical Specification Lift Ccapacity 500kg Working height 8.8m Width 780mm (working) 2,200mm Length dead weight - lift only Weight 352kg inc counterweights 565kg Battery / AC pack Power





LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

GML Compact

Counterbalance Floor Crane

A compact version of the GML floor crane, perfect for those tight areas, with an impressive 800kg SWL.

Simple to transport, set-up and very easy to use. Manufactured from high grade materials in Germany.

- 2 x Weight Boxes = 600kg* SWL
 4 x Weight Boxes = 800kg* SWL
- Piano Castors available as an additional option for ease of manoeuvrability.
- Working Height 6.95m*



800kg

Technical Specification

		GML-C / 800	GML-C / 600
Lift capa	city	800kg	600kg
Working	height	6.95m	6.95m
Width		780mm	780mm
Width	(working)	900mm	900mm
Length	(working)	1,530mm	1,530mm
Weight	dead weight - lift only inc counterweights weight of one box	412kg (x4) 1,372kg 240kg	412kg (x2) 892kg 240kg

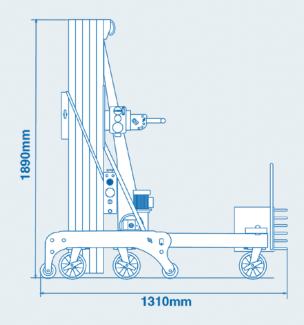


LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Dimensions (mm)



^{*}Figures / dimensions are subject to change and testing.



GML800 Manual

Counterbalance Floor Crane

www.hird.co.uk

This cutting edge counterbalance material lift has a 800kg capacity lifting up to 4.98m. Extending forks or crane boom come as standard.

- Manual Winch or 3-Step Drill Kit as standard for easy operation (socket & drill not included)
- Extending Crane Boom (SWL reduces upon extension)
- Extending Forks (SWL reduces upon extension)
- Dual Safety Brakes in the masts
- Compact working & transportation positions
- Low 5cm loading height



800kg

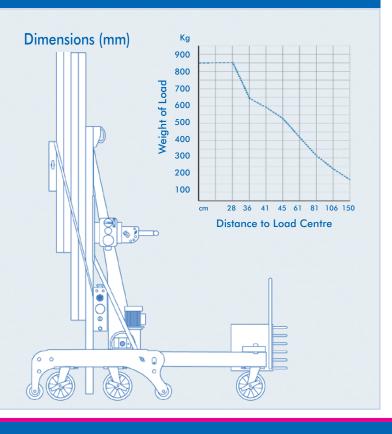
Technical Specification	
Capacity	800kg
Working Height	4.98m
Width	780mm
Length (working)	1,900mm
Weight dead weight - lift only inc. counterweights	260kg 467kg
Power	Manual



LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



GML800+

Counterbalance Floor Crane

The Wienold GML800+ material lift has a class-leading 800kg maximum lifting capacity.

Simple to transport, set-up and very easy to use. The electric drive versions raise and lower the load via remote controlled winch. Manufactured from high grade materials in Germany.

- Six large braked castors for ease of movement
- Remote control mast with variable speed control
- Compact working & transport position
- Dual safety brakes on the mast
- Low 5cm loading height
- Lateral outriggers
- Safe sensor-stop
- Lifting eye



800kg

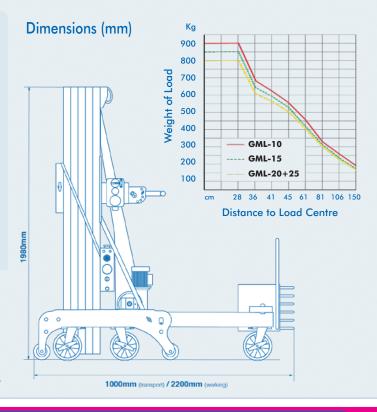
Technical Specification		
Capacity	800kg	800kg
Working Height	7.94m	7.94m
Width	780mm	780mm
Length (working)	2,200mm	2,200mm
Weight dead weight - lift only inc. counterweights	352kg 565kg	352kg 559kg
Power	Battery	Mains



LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



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MRC 751

Rotating Counterbalance Floor Crane

www.hird.co.uk

Designed in conjunction with Hird, the Wienold MRC751 is a rotating counterweight mini floor crane with full 360° slewing, providing excellent load positioning and manoeuvring, especially in confined spaces.

- Compact footprint, ideal for tight working environments
- Maximum lifting height of 2.91m
- Lifting capacity of up to 720kg
- Easy to manoeuvre across site and assemble



720kg



360° continuous rotation

Technical Specification

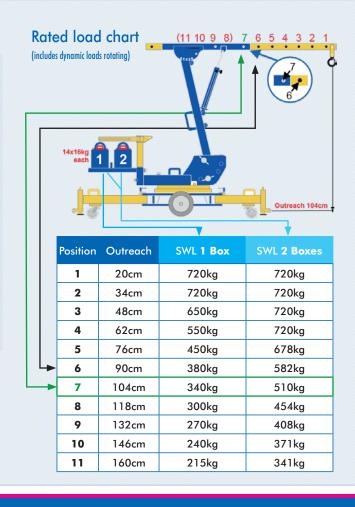
Lifting height	Below the hook		2.91m
Transport position (with legs)	Height x Length x Width	1.93m x 2.24m x	0.80m
Transport position	Height x Length x Width	1.93 x 0.75 x	0.59m
Working position	Height x Length x Width	2.11m x 1.58m x	1.38m
Boom extension	Position between each pin	1	40mm
Max. boom extension	From front of chassis		1.34m
Max. lifting capacity	Distance from front wheel to	hook at 0.52m	720kg
Weight of chassis	without legs or attachments	i	241kg
Weight of counterweights inc box	28x16kg counter weigh box	ces	490kg
Total machine weight	with all attachments		916kg



LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.



MRC 751

with Boom Extension Attachment



247kg

Technical Specification

Lifting height	Below the hook	2.91m
Max. boom extension	with additional boom	2.52m
Boom extension	Position between each pin	140mm
Max. lifting capacity	Distance from front wheel to hook at 0.52m	247kg
Total machine weight	with all attachments $+$ boom extension	928kg

MRC 751 + Boom Extension Attachment* with 2 boxes ONLY

Position	Outreach	SWL
6	182cm	247kg
7	196cm	229kg
8	210cm	217kg
9	224cm	205kg
10	238cm	193kg
11	252cm	177kg

^{*}Boom Extension attachment is an additional accessory

Please Note: Not Suitable for Dynamic Loads



Safety interlock lever



360° slewing ring



Large transport wheels



MFC750Ks Counterbalance Floor Cranes

www.hird.co.uk

The Wienold MFC 750 Ks – known as the Shorty – is a compact variant of the MFC 750 K mini floor crane available for hire from Hird.

- Ideal for operation in most constrained spaces, i.e. from roof edges
- Max. boom length 1.36m
- SWL at max boom length 155kg
- Easy to assemble and break down
- Lockable wheels



500kg

Technical Specification

Lifting height 3.05m Below the hook Transport position 1.00m x 1.08m x 0.65m Height x Length x Width Working position 1.92m x 1.08m x 0.65m Height x Length x Width Loading height min. 0.85m120mm Boom extension Position between each pin 1.36m Max. boom extension From front of chassis Max. boom extension N/A with additional boom Max. lifting capacity 500kg Distance from front wheel to hook at 0.52m Weight of chassis 177kg

HRD

LEEA - Counterbalance floor crane

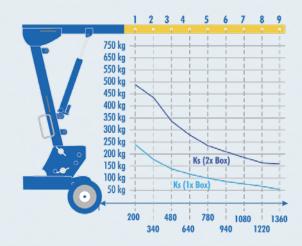
Weight of counterweights inc box 2 x 236kg counter weigh boxes



472kg

Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Rated load diagram



Please Note: Different SWLs apply when performing negative lift duties with any form of winch / hoist

MFC750K

Counterbalance Floor Cranes

This classic counterweight unit has a compact footprint whilst retaining excellent lifting capacity of 750kg to a maximum height of 3.05m.

- Max. lifting capacity 750kg
- Max. hook height 3.05m
- Perfect for office, showroom and shop front glazing, fitting below architectural features when used in conjunction with a vacuum lifter
- Can be quickly and easily assembled and disassembled for transport
- Lockable wheels



750kg

Technical Specification

Lifting height	Below the hook	3.05m
Transport position	Height x Length x Width	1.00m x 1.08m x 0.65m
Working position	Height x Length x Width	1.92m x 1.08m x 0.65m
Loading height min.		0.85m
Boom extension	Position between each pin	120mm
Max. boom extension	From front of chassis	1.36m
Max. boom extension	with additional boom	2.26m
Max. lifting capacity	Distance from front wheel to	o hook at 0.52m 750kg
Weight of chassis		218kg
Weight of counterweights inc bo	OX 2 x 236kg counter weigh bo	oxes 472kg

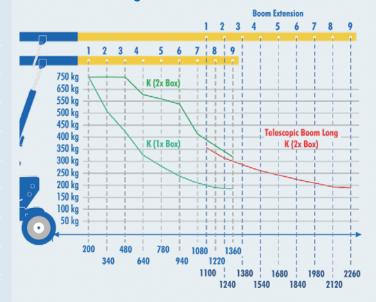


LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Rated load diagram



Please Note: Different SWLs apply when performing negative lift duties with any form of winch / hoist



Big Foot, Glasboy

Counterbalance Floor Cranes

www.hird.co.uk

Counterbalance floor cranes with hydraulic lifting arm.







280kg - 500kg

Technical Specification Glasboy 330 Glasboy 500 **Big Foot** Max. capacity pos 1 280kg 330kg 500kg Max. capacity pos 2 250kg 300kg 420kg Max. capacity pos 3 220kg 270kg 370kg 250kg 300kg Max. capacity pos 4 190kg Weight 115kg 118kg 130kg exc. counterweights 264kg 406kg 706kg inc. counterweights Counterweights No. 12 24 Max. hook height 2,600mm 2,700mm 2,700mm

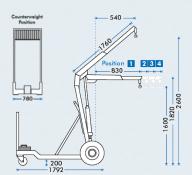


LEEA - Counterbalance floor crane

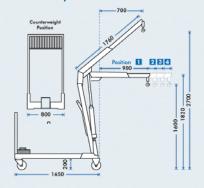


Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

Big Foot



Glasboy 330/500



Load Position

1020 1130

1240

1350

Counterbalance Floor Cranes





250kg - 500kg

300kg

Technical Specification			
	Glasmax 250	Glasmax 500	SLK25
Capacity	250kg	500kg	300kg
Hook height / working height	7.5m	4.7m	7.9m
Width	800mm	800mm	800mm
Length	1,920mm	1,920mm	2,220mm
Weight dead weight - lift only inc counterweights	125kg 225kg	205kg 405kg	204kg 332kg



LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation.

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Counterbalance Floor Cranes

www.hird.co.uk

WLU-P/Ks Premium



WLU with overhead manipulator



If you are working where space is at a premium our popular WLU from Wienold now offers a glazing manipulator perfect for vertical or overhead glazing.

400kg

300kg-355kg

Technical Specification

WLU-P/Ks Premium

Capacity		400kg
Hook hei	ght/working height	4.0m
Width		1,740mm
Length		1,060mm
Weight	dead weight - lift only inc counterweights	129kg 273kg

Overhead Manipulator

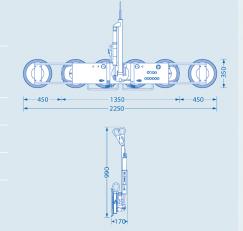
Capacity
355kg (6 pads)
300kg (4 pads)

Depth of lifter
170mm

Rotation
360° manual

Tilt
90° manual

Weight
45kg
55kg (with pad ext.)





LEEA - Counterbalance floor crane



Product specifications are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only.

ANATOMY OF A COUNTER BALANCE FLOOR CRANE FLOOR CRANE FOURTHEAD MANIPULATOR TO A CRANE TO BE A CRANE TO BE

Overhead Glazing

The combination of the GML800+ counterbalance floor crane and the Glazing Manipulator, developed by Kappel, again to Hird's specification, allows glass panels to be raised and installed overhead, at full working height.

Fully Automated Remote Control

The GML800+ offers fully automated glass installation. Thanks to the glass manipulator's advanced design, there is no need to make any manual adjustments during the lift, increasing the speed, productivity and safety of glass lifting operations.

Counterweights

Neatly stored within the unit, flexible configuration enables you lift weights of up 800kg.

Lateral Outriggers

Manufactured from 6m steel, the stablisers can be adjusted to help positioning. On the GML800+ series, they can be mounted at the back (with counterweights) enabling you to work directly up against a wall or glass façade. Rear mounted stabiliser also provides enhanced manourvrability.

Dual Safety Brakes

One of many safety features on the GML 800. Thick steel cable, hardened rollers and sturdy chassis construction also ensures safe strong ongoing performance job after job.

Head for Heights

The GML800+ has a maximum working height of 7.94m (AC and DC versions), making it ideal for glass lifting in atriums or stone cladding on many building facades. The ability to work on the storey above without repositioning and resetting increases productivity.

Locking Castors

High quality durable castors provide smooth, easy movement across site. Fully lockable for operation.

Safe Working Load

Every Counterbalance Floor Crane must carry two clearly-visible signs. One gives its maximum safe working load (SWL).

The other displays its load chart. A load chart provides data that defines each Counterbalance Floor Cranes capabilities.

WIENOLD GML 800

hird.co.uk/anatomy



www.hird.co.uk

Glass Trolleys

Glazing Accessories

A-frame trolleys, plate glass trolleys and slab buggies are used particularly in conjunction with our range of glass handling equipment, such as vacuum glass lifters and glazing robots.

The trolleys enable you to move loads safely and quickly by hand, whilst preventing materials from slipping.

Small A-frame



Large A-frame



1,000kg

1,000kg

Technical Specification				
	Small A-frame	Large A-frame		
	1,000kg	1,000kg		
Length	1,600mm	2,000mm		
Width	800mm	1,200mm		
Height	1,600mm	1,850mm		
	Length Width	Small A-frame 1,000kg Length 1,600mm Width 800mm		



LEEA - Manual handling awareness



Product specifications are subject to change without notice or obligation.
The photographs and/or drawings in this document are for illustrative purposes only.
*Not suitable for road transportation when loaded

A-frame trolleys

- Capacity up to 1,500kg
- 4 wheeled A-frame stillage
- Swivel casters including locking brakes
- Easy movement via steering castor
- Wooden lined to protect material and prevent material from slipping
- Lifting eyes (certificated liftable)
- Forklift points (certificated liftable)

Liftable A-frame (certificated liftable)



High sided A-frame (certificated liftable)



1,000kg

1,500kg

Technical Specification				
		Liftable A-frame	High sided A-frame	
Capacity		1,000kg	1,500kg	
Trolley size	Length	2,000mm	2,000mm	
	Width	1,200mm	1,600mm	
	Height	1,850mm	3,000mm	



LEEA - Manual handling awareness



Product specifications are subject to change without notice or obligation.

The photographs and/or drawings in this document are for illustrative purposes only.

^{*}Not suitable for road transportation when loaded



Glass Trolleys

Glazing Accessories

www.hird.co.uk

Slab Buggy



Ultra Compact Plate Glass Trolley



400kg

- 280mm max slab thickness
- Max slab size: 1,360mm high, 1,300mm long slab
- Wooden lined to protect material and prevent material from slipping
- Designed for stability but compact enough to fit inside a small van
- Easy movement via steering castors, include locking brakes
- Pneumatic rear tyres



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500kg

- Transports glass up to 2,200mm x 2,000mm
- Adjustable length between 500mm 1,200mm
- Shelf width: 100mm
- Ground clearance 170mm (to the base of shelf)
- Two brake wheels

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Rough Terrain Plate Glass Trolley



Plate Glass Trolley



600kg

- Transports glass up to 6,000mm x 3,400mm
- Adjustable length between 300mm 1,7000mm
- Trolley width x height 815mm x 1,800mm
- Ground clearance 120mm
- Trolley weight: 65kg

700kg

- 40mm max sheet thickness
- Fully adjustable for sizes between 2,500mm to 4,000mm
- Support rods available for loads up to 6,000mm
- Designed for transporting large insulating panes or shop windows
- Collapsible for easy transportation
- Steering from both ends



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Glass Trolleys

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Ultra-Narrow Plate Glass Trolley



TS 700 Offroad Glass Trolley



700kg

- Dimensions: L2000 x W305 x H1980 mm
- Fully adjustable for sizes: L2000 L3500mm
- 60mm max sheet thickness
- Wheel diameter: 200mm
- Ground clearance for glass: 120mm
- Machine weight: 52kg

700kg

- Dimensions: L2000 x W305 x H1980 mm
- Fully adjustable for sizes: L2000 L3500mm
- 60mm max sheet thickness
- Wheel diameter: 200mm
- Ground clearance for glass: 120mm
- Machine weight: 60kg



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TSL 700 Air Glass Trolley



TS 1000 Glass Trolley



700kg

- Dimensions: L1700 x W815 x H1800mm
- Fully adjustable for sizes: L1700 L3500mm
- Max Glass Size: L6000 x H3400mm
- 110mm max sheet thickness
- Wheel diameter: 200mm
- Ground clearance for glass: 120mm
- Machine weight: 65 kg



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1,000kg

- Dimensions: L2000 x W305 x H1980mm
- Fully adjustable for sizes L2000 L3500mm
- Max Glass Size: L6000 x H3400mm
- 60mm max sheet thickness
- Wheel diameter: 200mm
- Ground clearance for glass: 120mm
- Machine weight: 52kg

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Heavy Duty Plate Glass Trolley



Curved Plate Glass Trolley



1,000kg

- 100mm max sheet thickness
- Fully adjustable for sizes between 2,000mm 3,500mm
- Support rods available for loads up to 6,000mm
- Designed for transporting large double glazed units or shop windows
- Collapsible for easy transportation
- Suitable for partial off-road use



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1,000kg

- 100mm max sheet thickness
- Fully adjustable for sizes between 2,000mm 3,500mm
- Support rods available for loads up to 6,000mm
- Designed for transporting large double glazed units or shop windows
- Collapsible for easy transportation
- Suitable for partial off-road use

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 ${}^*\mathsf{Not}$ suitable for road transportation when loaded

3000kg Heavy Duty Plate Trolley



3,000kg

- 2 single trolleys with rod
- Central extension rod is adaptable to 10m
- Support width 25mm 225mm
- Max. glass length 1.7m to 12m
- 2 trolleys: L1,825 x W700 x H2,150mm
- Weight per trolley: 220kg



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Tilting Glass Trolley

Glazing Accessories

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600kg

Getting large panes of glass through doorways and openings has been made easier by the introduction of our new Tilting Glass Trolley. Easily adaptable and can accommodate loads up to 600kg.

Key Features

- Manual tilting
- Two Position
- Max glass length: 2.5m
- Position 1, $8^{\circ} 35^{\circ}$
- Position 2, $15^{\circ} 45^{\circ}$



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Est. 1983 Celebrating 40 Years

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