

# QUATTROLIFTS



[www.quattrolifts.com](http://www.quattrolifts.com)

# ABOUT QUATTROLIFTS

Quattrolifts was born out of health and safety concerns for glass workers and businesses.

Ricardo Carlei, the inventor of the Quattrolifts range of products, is a chiropractor who saw firsthand the chronic injuries and disabilities affecting people working with glass fabrication and installation.

It was from this, together with customers wanting bigger and heavier glass installed in their homes and businesses, that the team at Quattrolifts started to design innovative machines to help reduce the risk of injury.

To great acclaim, Quattrolifts released its first machine, the Nomad 200/440, at the 2006 GlassBuild Trade Show in Las Vegas and soon followed up with the release of the Mule 300/660 in Atlanta the following year. Quattrolifts product range has grown to include more than fifteen standard machines with options and modifications that expand the range to over twenty product lines.

Most of the machines Quattrolifts have developed are the solution to the many issues glaziers and businesses face within the industry. Quattrolifts is always happy to help those in need and can develop a tailored solution to problems you may be facing with either one of our standard machines or a completely custom option.

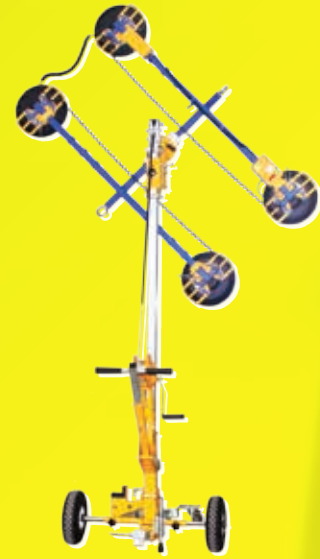
Quattrolifts has patents issued and pending in Australia, United States, Europe, China and other countries for its various designs and attachments.

Quattrolifts will continue to develop machines and handling equipment that will help people working with glass in their shops and on-site. From our Express range that feature designs ideal for internal fit-outs and tight on-site jobs to the Vector and OMNI robots allowing up to 800kg/1800lbs capacity in awkward and difficult locations, Quattrolifts is sure to have a solution that will work for you.



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200Kg  
440Lbs

## EXPRESS 200S / 440S + AUTO OPTION

- Lifting capacity up to 200kg (440lbs)
- 2 x 300mm (12") adjustable and flexible vacuum cups
- Holds glass up to 3660mm x 1500mm (144" x 60")
- Rotates glass 360°
- Pivots glass 90° to the side for small doorways
- Mast extendable by 250mm (10")
- Wheel base extendable for better stability
- Portable for on-site glazing
- Side shifter for precise Installation
- Assembles in minutes

### Convert to 4 cup machine:

H Frame (lifting arm)  
Extra vacuum cups



## OPTIONS



Lower Extension



Forward Extension



Counter Weight



Window frame carrier



Vacuum Pads for  
Stone or Curved Glass



Battery Powered  
Vacuum Pump



**200Kg  
440Lbs**

## EXPRESS 200CW / 440CW + AUTO OPTION

- Lifting capacity up to 200kg (440lbs)
- 2 x 300mm (12") adjustable and flexible vacuum cups
- Vacuum head can be tilted, rotated and side shifted
- Swivel glass to the side for transport through small doors
- Easily transported inside a van and assembled by one person
- Fully counterweighted machine
- Ideal for glazing in small confined areas
- Portable and modular glazing machine
- 1 - 2 man operation

Upgrade your  
**Express 200S / 440S**  
into a **200CW / 440CW**  
by purchasing the  
counter-weighted  
rear half separately



## OPTIONS



Lower Extension



Forward Extension



H-Frame + Cups



Window frame carrier



Vacuum Pads for  
Stone or Curved Glass



Battery Powered  
Vacuum Pump



**150Kg  
330Lbs**

## EXPRESS 150T / 330T + AUTO OPTION

- Lifting capacity up to 150kg (330lbs)  
100kg (220 Lbs) with mast extension
- Mast extension increases height  
to 2700mm (106" high)
- Holds glass up to 3660mm x 1500mm (144" x 60")
- Rotates glass 360°
- Pivots glass 90° to the side for small doorways
- Wheel base extendable for better stability
- Portable for on-site glazing
- 2 x 250mm (10") vacuum cups
- Assembles in minutes
- One man operation

### Convert to 4 cup machine:

H Frame (lifting arm)  
Extra vacuum cups



## OPTIONS



Lower Extension



Forward Extension



Side shifter



Window frame carrier



Foam Vacuum Pads  
for Stone



Battery Powered  
Vacuum Pump



**350Kg  
770Lbs**

## **EXPRESS 350CWA / 770CWA**

- Lifting capacity up to 350kg (770lbs)
- Ideal for glazing in small confined areas
- Vacuum head can be tilted, rotated and side shifted
- 2 x 300mm (12") + 2 x 250mm (10") adjustable and flexible vacuum cups
- Moves glass over uneven ground on site
- Swivel glass to side for transport through small doors
- Battery operated rear tug
- Battery powered vacuum system
- Fully counterweighted machine
- 2 x 12V 80Amp Hr Deep Cycle batteries
- 1 - 2 man operation

## **OPTIONS**



Lower Extension



Forward Extension



Vacuum Pads for  
Stone or Curved Glass



Window frame  
carrier



Second vacuum pump  
for redundancy



**350Kg**  
**770Lbs**

## **HORIZON MANUAL** **350 / 770**

- Lifting capacity up to 350kg (770lbs)
- Rotates glass measuring up to 4500mm (180")
- 12 volt battery powered vacuum pump
- 2 hydraulic rams
- Lift and tilt glass to the horizontal
- Rotates glass 360 degrees
- Side index glass to 70 degrees
- Loads and unloads tilt tables and furnaces
- One man operation

## **OPTIONS**



Window Frame Carrier

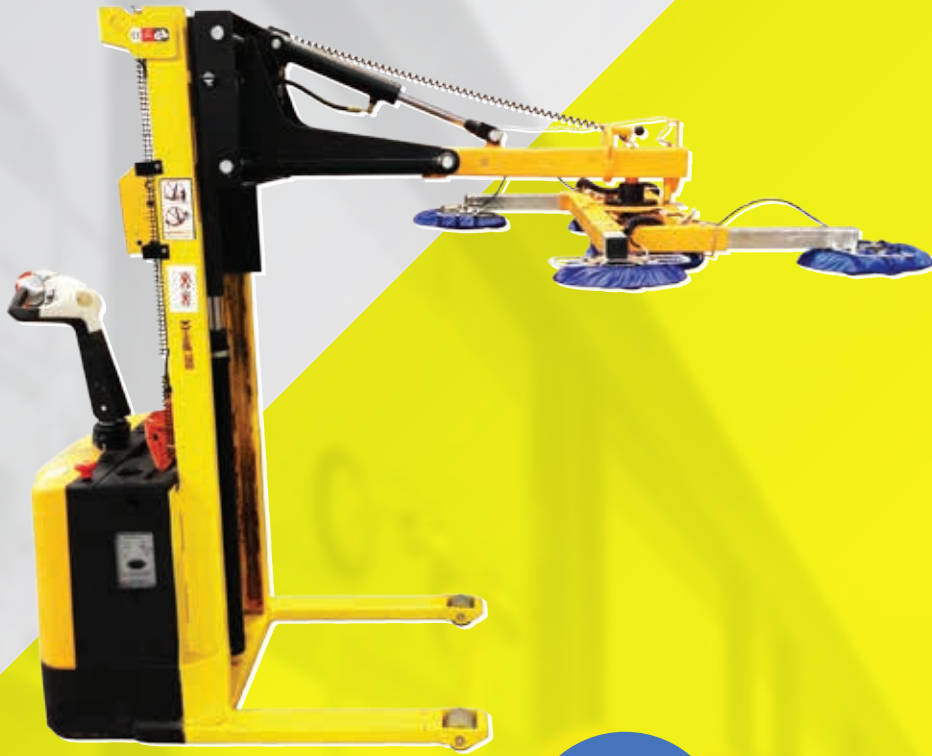


Vacuum Cups for  
Curved Glass



Foam Vacuum Pads  
for Stone





**350Kg  
770Lbs**

## **HORIZON AUTO DRIVE 350 / 770**

- Lifting capacity up to 350kg (770lbs)
- Self-propelled electric rear drive wheel
- Side shift for precision movement
- Forward shift for precision when fitting glass
- 360 degrees rotation and 70 degree side indexing
- One man operation
- Lifts from horizontal to vertical
- Ideal for laying glass/windows on cutting tables
- Loads trucks, edgework machines & furnaces
- Independent 12V vacuum system
- Two 24v 100AmpHr batteries

## **OPTIONS**



Window Frame Carrier



Vacuum Cups for  
Curved Glass



Foam Vacuum Pads  
for Stone



**300Kg  
660Lbs**

## MULE 300 / 660

- Lifting capacity up to 300kg (660lbs)
- Fraction of the cost of a basic overhead crane
- Loads tilt tables
- Loads & unloads trucks & edgework machines
- Small footprint with counterweights
- Safely load trucks outside the glazing shop
- Used as an alternative to an overhead crane to handle heavy sheets of glass

## OPTIONS



Electric Winch



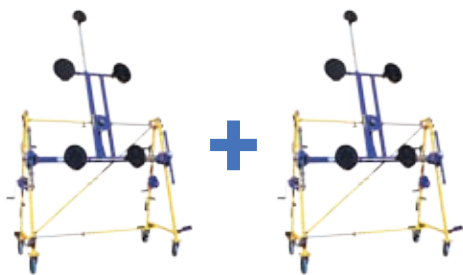
Upgrade to  
500kg (1100lbs)



**400Kg  
880Lbs**

## NOMAD 400 / 880

- Lifting capacity up to 400kg (880lbs)
- Two man operation
- Rotates lites up to 4500mm (180")
- Portable & assembles in minutes
- Moves through doorways
- Precise adjustments for glazing



Connect with second **Nomad**  
to double capacity



Glazing Guides  
standard

## OPTIONS



Upgrade to  
500kg (1100lbs)



Foam Vacuum Pads  
for Stone



Outrigger Legs



Window Frame Carrier



All Terrain Wheels



Battery powered  
vacuum pump



**400Kg  
880Lbs**

## OMNI 400 / 880

- 400kg (880lbs) lifting capacity
- Remote control electric horizontal tilt to 90 degrees
- 360 degrees manual rotation
- Side pivot – 90° left + right (within forklift specifications)
- Easily secures to forklift
- Wireless remote control for Dual pump vacuum system
- Safety chain

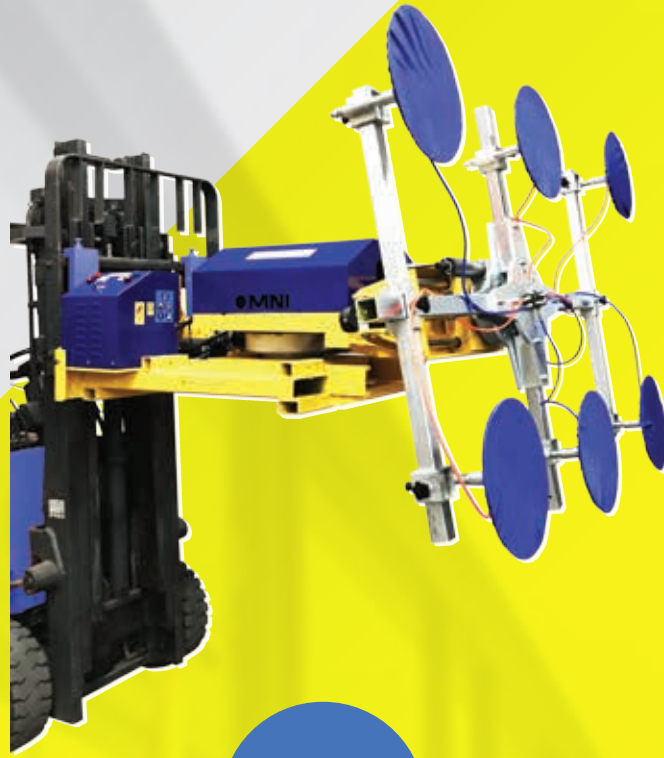
## OPTIONS



Vacuum Pads for  
Stone or Curved Glass



Upgrade to  
600kg (1320lbs)



**800Kg  
1800Lbs**

## OMNI 800 / 1800

- Lifting capacity up to 800kg (1800lbs)
- Glazing at elevated heights using a telehandler or off road forklift
- Fully integrated and independent power supply to drive electric actuators and vacuum pumps
- 4 x 300mm (12") and 2 x 400mm (16") adjustable vacuum cups
- Easy to maintain and repair
- Speed control for precision glazing
- Dual vacuum pump system
- Two wireless remote controls



## SIX DEGREES OF MOVEMENT

- 360 degree rotation
- 300mm (12") side shift
- 40° side index – 20° left + 20° right
- 300mm (12") Vertical lift
- 100° forward tilt to horizontal
- 300mm (12") forward extension

## OPTIONS



Vacuum Pads for Stone or Curved Glass



**400Kg  
880Lbs**

## VECTOR 400E / 880E

- Lifting capacity up to 400kg (880lbs)
- Dual pump vacuum system
- Self-propelled
- Powered 360 degree glass rotation
- Precision adjustment for glazing
- Glazes overhead
- Lays glass on cutting tables
- Narrow foot print & highly maneuverable
- Lightweight machine for easy transport
- Large front wheels for on-site work
- 24V electrical system
- Pivots glass to side for transport through doors
- Variable Hydraulic Speed Dial
- Remote control for 5 degrees of movement: Lift, Extension, Tilt, Sideshift and Rotation

## OPTIONS



Vacuum cups and modified frame for curved glass



Foam Vacuum Pads for Stone



Lifting Hook



500Kg  
1100Lbs

## VECTOR 500 / 1100

- Lifting capacity up to 500kg (1100lbs)
- Dual pump vacuum system
- Self-propelled
- Precision adjustment for glazing
- Glazes overhead
- Narrow foot print & highly maneuverable
- Large front wheels for on-site work
- 24V electrical system
- Pivots glass to side for transport through doors
- Variable Hydraulic Speed Dial
- Remote control for 4 degrees of movement: Lift, Extension, Tilt and Sideshift

## OPTIONS



Vacuum cups and modified frame for curved glass



Foam Vacuum Pads for Stone



Lifting Hook



500Kg  
1100Lbs

## VECTOR 500 / 1100 OFF ROAD

- Lifting capacity up to 500kg (1100lbs)
- Robotic glazing machine
- Dual pump vacuum system
- Dual large rear and front wheels
- Ideal for on-site with uneven ground
- Precision adjustment for glazing
- Narrow foot print & highly maneuverable
- Pivots glass to side for transport through doors
- Manual 360 degree rotation and 90 degree side pivot left and right
- Variable Hydraulic Speed Dial
- Remote control for 4 degrees of movement: Lift, Extension, Tilt and Sideshift

## OPTIONS



Vacuum cups and modified frame for curved glass



Foam Vacuum Pads for Stone



Lifting Hook





(Shown with dual wheel option)

**800Kg**  
**1800Lbs**

## VECTOR 800 / 1800 OFF ROAD

- Lifting capacity up to 800kg (1800lbs)
- Dual pump vacuum system as a safety feature
- Robotic glazing machine
- Hydraulic rams for durability with precision
- Remote control allows for precise glass movement

• 450mm (16") wheels all round is ideal for on-site work

- Variable Hydraulic Speed Dial
- Both wired & wireless remote controls

### Six degrees of movement:

- 360 degree rotation
- 200mm (8") side shift
- 20° side pivot – left + right (by remote) and 90 degree left side pivot (manual)
- Vertical lift to 4000mm (160")
- 100° tilt range
- 2000mm (80") forward extension in front of machine

## OPTIONS



Vacuum cups and modified frame for curved glass



Front lifting winch



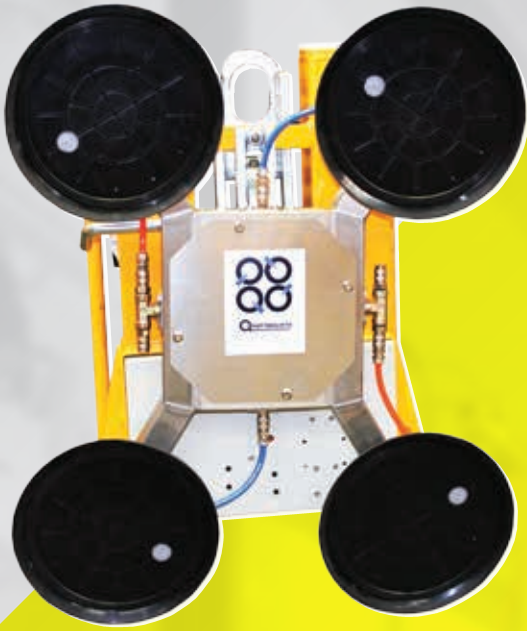
Dual front wheels



Foam Vacuum Pads for Stone



**Vector 800 / 1800 XR**  
available for extra reach  
4400mm (173")



**400Kg  
880Lbs**

## GLASSBOY 400 / 880

- Lifting capacity up to 400kg (880lbs) with 4 vacuum cups
- Lifting capacity up to 600kg (1320lbs) with 6 vacuum cups
- Below-the-hook vacuum lifter
- Manual tilt to 90 degrees
- Manual rotation 360 degrees
- Dual vacuum system

## OPTIONS



Upgrade to  
600kg (1320lbs)



Extension arms +  
Extra Vacuum Cups



Vacuum Pads for  
Stone or Curved Glass



Wireless Remote

# TESTIMONIALS

## **Ross Torr – Clean View Windows, Vic, Australia**

“Would just like to say that we have owned a Quattrolifts Express 200/440CW which we bought from you approximately 6 weeks ago, this machine is better than you told us, as a Director of the business, I am always worried about OH&S and this machine lifts everything plus more! Also thanks very much for the after sales back up service you have given us, coming back to explain the machine to my staff was fantastic and they have all commented on what you showed them. Once again I am happy for you to show this to any of your customers in our area.”

## **Dean – Deluxe Glass, WA, Australia**

Received the new Express 200/440S on Friday last week, used it a few times already – works great. I don't think I will be returning it!!

## **Ron Houben – Exceed, New Zealand**

“Just to let you know we have used the Quattrolifts Express 150/330T a number of times now and are finding it ideal for servicing of large sliding doors. In the new year I will start to promote and hire it to the rest of our group and suspect there will be a number that will want to purchase one for themselves.”

## **James Bringle – Empirehouse, Minnesota**

“We have used the Nomad and it worked great! We had a project that required 4 - 5 guys to handle some very tall double glazed units, we used the Nomad with 2 men to handle the glass. We then had to rotate the glass because it was upside down on the truck. My 2 guys that used the Nomad were very impressed at how easy they could move and rotate the glass. We will be using it a lot.”

## **Dean – Deluxe Glass, WA, Australia**

The wheels worked perfect for terrain out there. We got 9 pcs set in about 5 hours of total work (doesn't include setup time and testing out the first piece). The most important part is I got 9 pcs set without any broken backs or glass. They'll be fresh and ready to set more tomorrow. FYI this glass is 1 1/16" thick insulated units averaging about 50" x 144", 385 lbs and about 40" off the ground.

## **Rob Crosier – Managing Director, Crosier Glass**

“Having 4 employees and no over head cranes, the Quattrolifts Nomad has been a great help. It saves the back breaking and the ease is brilliant.”



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