

# Optimum Strength For

## Oscar 1000 Plus [1000kg]

### Optimum Strength Compact Articulated Robot

The Oscar 1000 Plus can lift and install heavy glass, facades, window and door elements up to 1000kg capacity.

Featuring a hydraulically powered head with 135° rotation left or 135° rotation right, 90° slew sideways left & right, the Oscar 1000 Plus is ideal for carrying materials through narrow access points by swinging loads into a sideways position.

This glazing robot is one of the higher capacity robots in the GGR range. With the ability to travel with loads and tilt 90° up and 90° down, it is the ideal solution for both indoor and outdoor glazing, where space may be restricted.

The Oscar 1000 Plus retains all the features of the popular Oscar 1000 benefitting from a 100mm lateral side shift left & right, 1230mm telescoping boom movement in & out and a hydraulically powered boom for up and down movement for precise installation.

### Reference Code

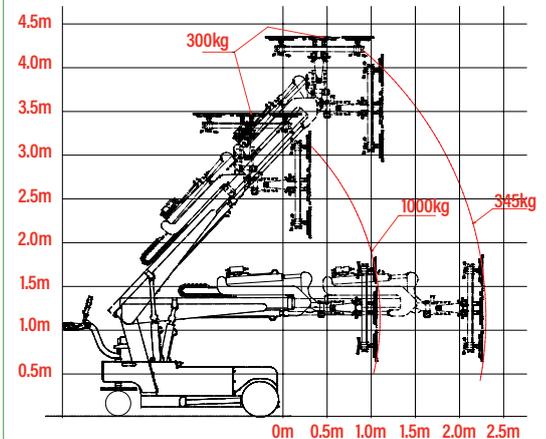
**GRG33**

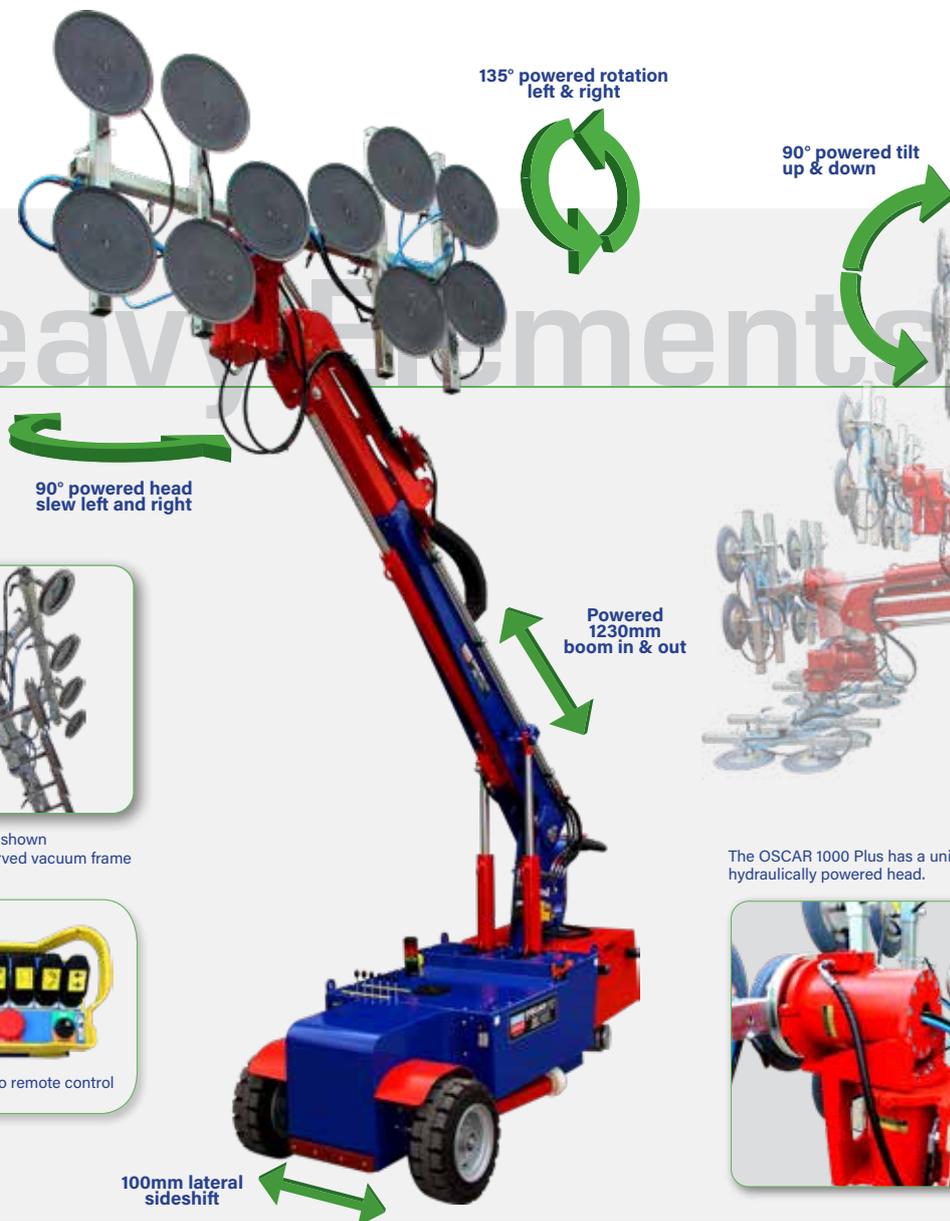


## Technical Specifications

<b>Safe working load</b>	capacity jib 1: capacity jib 2:	1000kg 345kg
<b>Suitable for lifting</b>	material properties: surface: example:	gastight / non-porous smooth glass, plastic boards, ceramic plates
<b>Weight</b>	with counterweights: without counterweights:	2120kg 1625kg
<b>Width</b>	width:	1270mm (980mm)
<b>Travelling length</b>	length:	3600mm
<b>Travelling height</b>	height:	1450mm
<b>Number of suction cups</b>	cups:	6 - 10
<b>Powered head tilt</b>	powered head tilt:	90° up & down
<b>Powered lateral sideshift</b>	powered lateral sideshift:	100mm
<b>Powered pad frame rotation</b>	rotation:	135° left & right
<b>Powered head slew left &amp; right</b>	head slew:	90° left & right
<b>Boom in &amp; out</b>	boom in & out:	1230mm
<b>Vacuum system</b>	dual circuit:	4 pumps, 2 vacuum reserve tanks
<b>Power requirements</b>	rechargeable battery: pump:	110v/240v charger 24v DC (2 x 12v)

## Rated Loads Diagram





Oscar 1000 Plus shown with optional curved vacuum frame

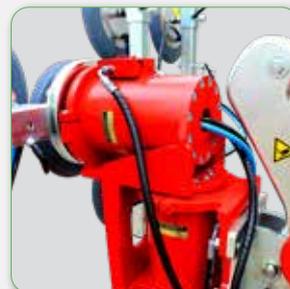


Standard radio remote control



The OSCAR 1000 Plus has a unique hydraulically powered head.

The OSCAR 1000 Plus weighs 2120kg with counterweights for stability and security



**Technical Data (mm)**

