

# Smooth Movement Across

## Oscar 800 Offroad [800kg]

### Optimum Strength Compact Articulated Robot

The OSCAR 800 Offroad is a glazing robot with a capacity to lift up to 800kg, designed to handle glass plastic boards, ceramic plates and steel plates for easy handling and installation. Fitted with all terrain tyres, the OSCAR 800 Offroad makes it easier to work in areas with restricted access and poor ground conditions.

With a hydraulically powered robotic arm that can extend up to 2500mm, the OSCAR 800 Offroad can install materials with precision due to its movable head that has the ability to rotate 135° left and right; tilt 90° up and down; and slew 90° left and right.

For extra stability when transporting and lifting loads, the OSCAR 800 Offroad comes complete with wheeled stabilisers. A radio remote control, allows operators to decide how close they want to be to the load - closer during installation or further away to remain at a safer distance as required.

### Reference Code

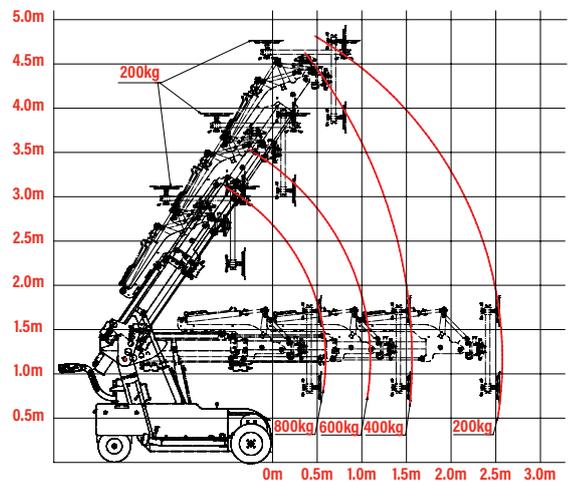
**GRG28**



## Technical Specifications

<b>Safe working load</b>	capacity jib 1: 800kg capacity jib 2: 400kg capacity jib 3: 200kg
<b>Suitable for lifting</b>	material properties: gastight / non-porous surface: smooth example: glass, plastic boards, ceramic plates
<b>Weight</b>	with counterweights: 1340kg without counterweights: 972kg
<b>Width</b>	width: 1000mm
<b>Travelling length</b>	length: 2900mm
<b>Travelling height</b>	height: 1600mm
<b>Number of suction cups</b>	cups: 8
<b>Powered head tilt</b>	powered head tilt: 90° up & down
<b>Powered lateral sideshift</b>	powered lateral sideshift: 100mm
<b>Manual pad frame rotation</b>	rotation: 135° lockable left & right
<b>Manual head slew left &amp; right</b>	manual head slew: 90° lockable increments left & right
<b>Vacuum system</b>	dual circuit: 2 pumps, 2 vacuum reserve tanks
<b>Power requirements</b>	rechargeable battery: 110v/240v charger pump: 24v DC (2 x 12v)

## Rated Loads Diagram





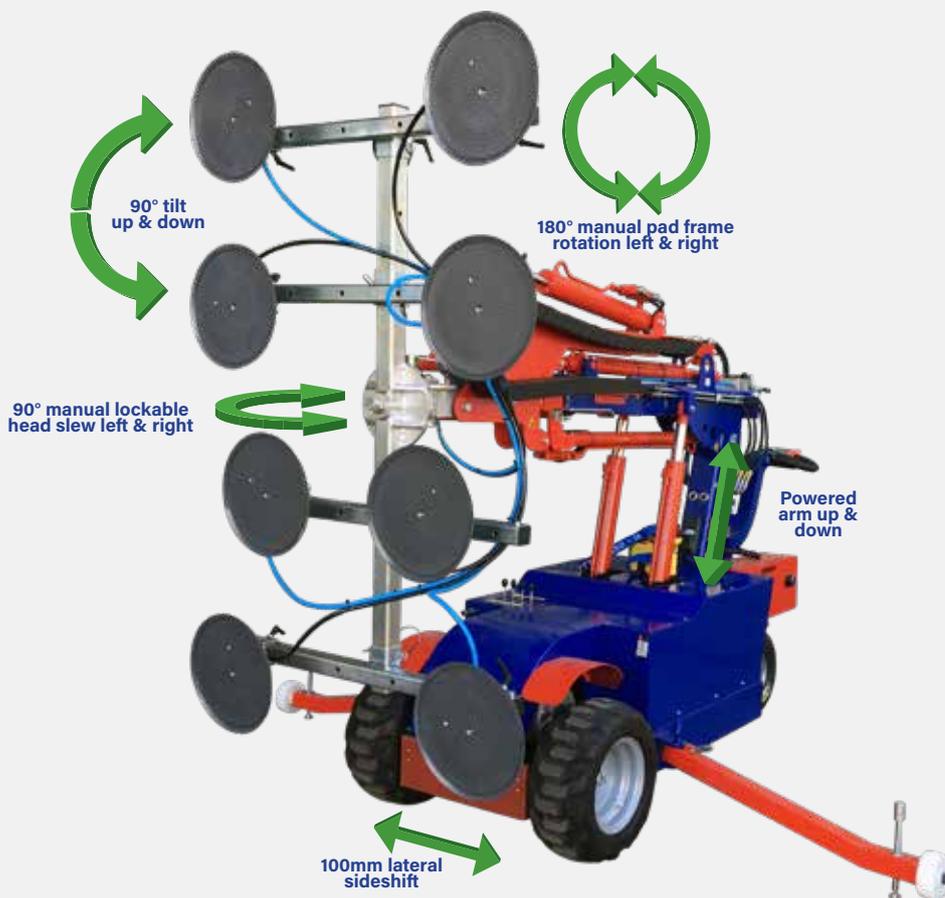
Crane hook option



Optional fork lift attachment

# Oscar All Terrain

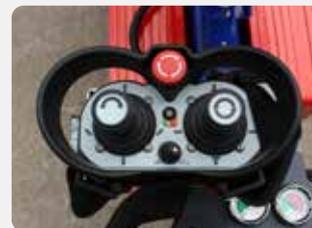
Oscar 800 Offroad



For added stability the Oscar 800 Offroad comes complete with wheeled stabilisers.



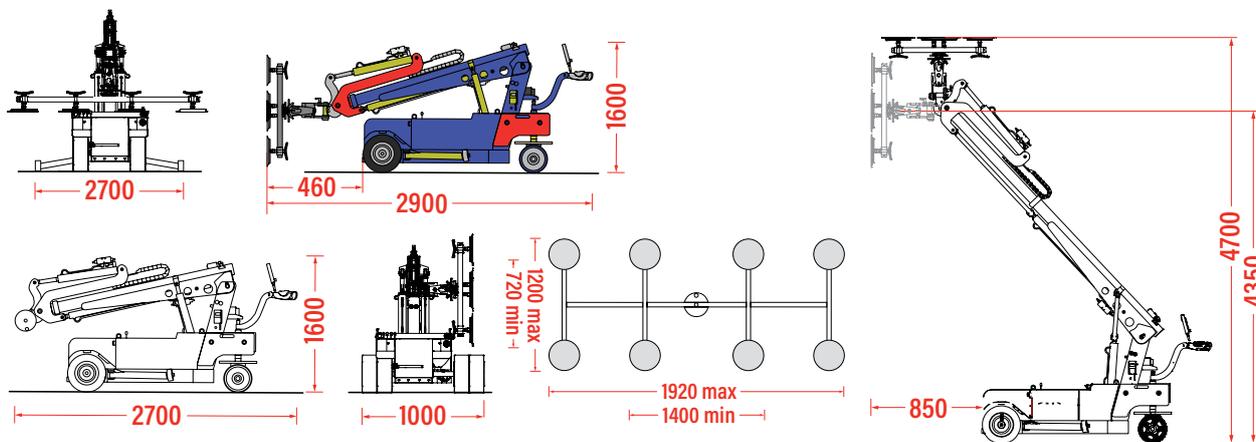
The radio remote control allows operators to be as close or far away during installation as they need.



Comes with durable offroad front and rear tyres for added grip over surfaces.



## Technical Data (mm)



N.B. Reset of vertical head pin required.