

Glazing Robots

State Of The Art Instal

Geko 500 3D [500kg]

The Geko 500 3D glazing robot has been designed to lift glass, marble, steel, and other materials* in confined and restricted access areas.

This battery powered glass manipulator features an innovative hydraulically powered 3D head to help shift loads into place for optimum installation using it's 180° powered rotation. The Geko 500 3D can also tilt loads 90° up & down, manual boom slew 22° left & right and features a powered head to slew 90° left and right.

With a lifting height of up to 2.9 metres, this versatile glazing robot is ideal for picking loads from the ground and manipulating them into position for installation at any required angle.

The Geko 500 3D glazing robot also features pneumatic rubber tyres, for added safety when travelling over rough, uneven ground and features a powered side shift function for moving loads into position when assisting with glass installation.

This machine is also perfect for lifting and installing canopy glazing, curtain walling and installing glazing from the inside out.

Reference Codes

GRG14

**material is dependent on successful testing.*



Lifting points are included for loading, unloading and lifting onto rooftops.

Technical Specifications

Safe working load	capacity:	500kg
Suitable for lifting	material properties:	gastight / non-porous
	surface:	smooth
	examples:	glass, plastic boards, ceramic plates
Weight	with counterweights:	764kg
	without counterweights:	533kg
Width	width:	833mm / 1200mm / 1250mm
Travelling length	length:	2400mm
Travelling height	height:	1134mm
Number of suction cups	cups:	4 x 320mm Ø
Boom in & out	in & out	600mm
Powered head tilt	tilt:	90° up & down
Manual boom pivot	pivot:	22° / 11° each side from centre
Pad frame rotation	powered rotation:	180° left & right
Pad head slew	powered slew:	90° left & right
Vacuum system	dual circuit:	2 pumps, 2 vacuum reserve tanks
Power requirements	rechargeable battery:	115v/230v charger
	pump:	12v DC

Rated Loads Chart



