

Robots & Overhang Beams

A Highly Adaptable Glazing Robot

Geko 425 [425kg]

The Geko 425 stand on glazing robot boasts a lifting power of 425kg and can precisely lift and install glass, steel, marble and other materials*.

This state-of-the-art installation robot features a hydraulic unique 3D head with powered rotation, which allows loads to be manipulated to any required angle. With its versatile pick up functionality, the Geko 425 glazing robot has the ability to tilt loads 90° up & down, manual boom slew 22° left & right and powered head slew 90° left and right.

With a lifting height of up to 2.9 metres and a powered boom extension of 600mm, this compact glazing robot is able to move through narrow passages down to 840mm wide and can easily manoeuvre around obstacles on site. The Geko 425 small footprint makes it the ideal machine for working in restricted and hard to access areas for interior glazing, fit out work and overhead installations.

This compact glazing robot benefits from foam filled tyres for moving across uneven terrain. It includes two powerful 12v batteries, providing customers with a long lasting and efficient power supply, with up to 9 hours of operating time.

Reference Codes

GRR15

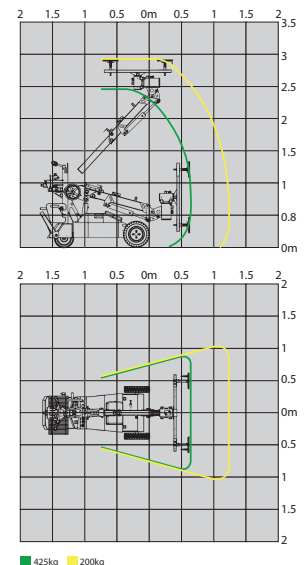
**material is dependent on successful testing.*

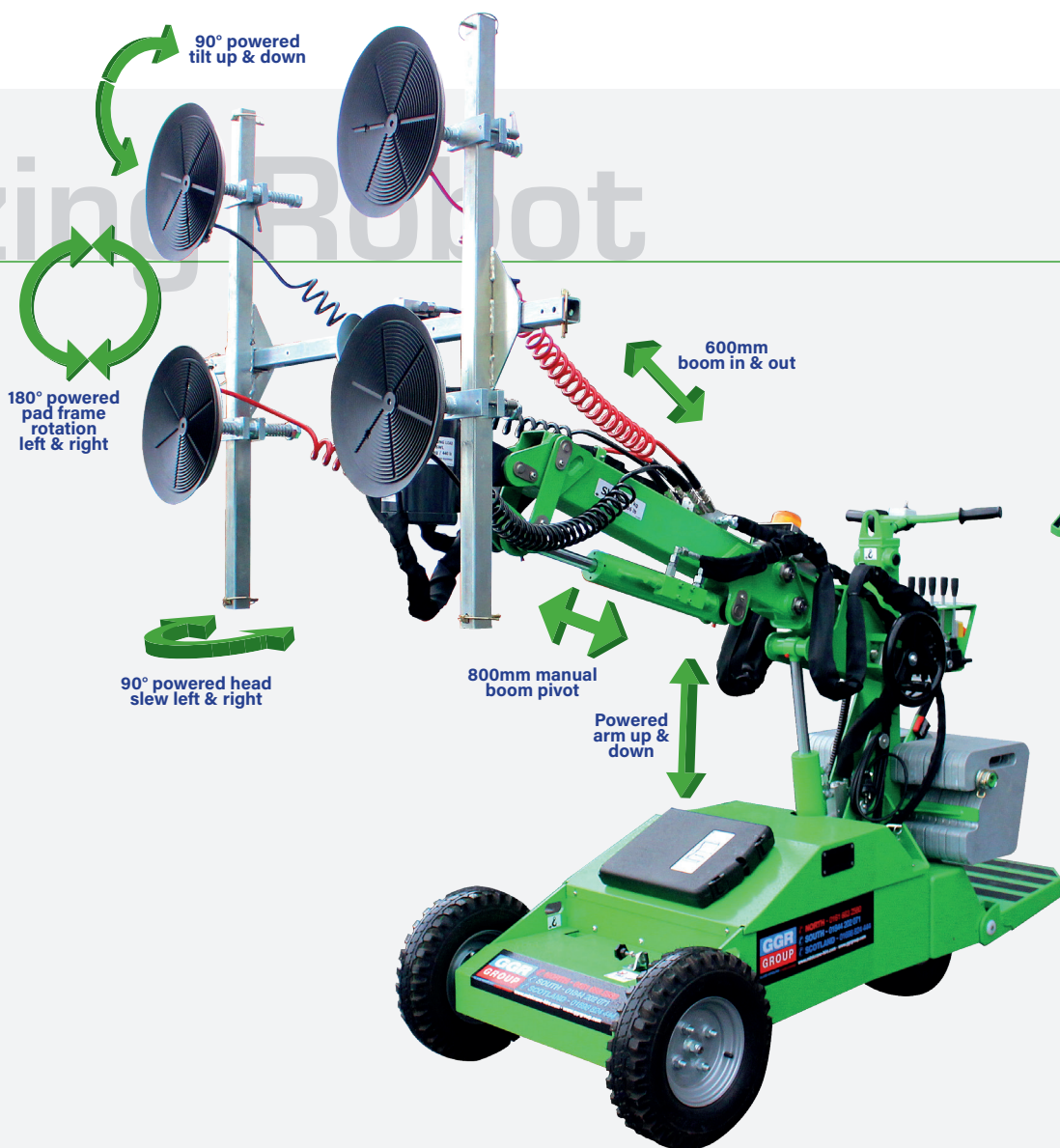


Technical Specifications

Safe working load	capacity:	425kg
Suitable for lifting	material properties:	gastight / non-porous
	surface:	smooth
	examples:	glass, plastic boards, ceramic plates
Weight	with counterweights:	754kg
	without counterweights:	525kg
Width	width:	832mm
Travelling length	length:	2294mm
Travelling height	height:	1333mm
Number of suction cups	cups:	4
Boom in & out	in & out	600mm
Powered head tilt	tilt:	90° up & down
Manual boom pivot	pivot:	800mm
Pad frame rotation	powered rotation:	180° lockable 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





The Geko 425's platform stops movement of the robot if no operator is present.



Controls for the movement and control of the Geko 425 robot are clear and easy to use.



Technical Data (mm)

