

Pick Up, Tilt & Rotate A

Geko 250 PV [250kg]

Boasting 250kg of battery powered hydraulic lifting muscle, the Geko 250 PV has a unique manipulator head to precisely fit unitized glazing panels and pre-glazed curtain walling at the correct angle. Glass can be effortlessly picked up and tilted 30° backwards and 20° forwards.

This compact machine can easily fit through a standard doorway for interior glazing and fit out work. The robotic head features a dual circuit vacuum system that can lift glass loads to a maximum height of 2.5m.

Geko 250 PV+ [175kg]

The Geko 250 PV+ features a hydraulic horizontal lifting arm which allows panels weighing up to 175kg to be picked up and tilted 180° for overhead and ceiling installation up to 3m high.

Measuring only 820mm wide, the Geko 250 PV+ installation robot has a small footprint and can easily fit through a standard doorway for internal glazing and ceiling work.

The Geko 250 Electric PV and PV+ robots are fitted with an updated 12V battery with 20% more capacity to aid driving operation.

Reference Codes

Geko 250 PV **GRG03** Geko 250 Electric PV **GRG05**

Geko 250 PV+ **GRG04** Geko 250 Electric PV+ **GRG08**



Technical Specifications

		Geko 250 PV	Geko 250 PV+
Safe working load	capacity:	250kg	175kg
Suitable for lifting	material properties: surface: example:	gastight / non-porous smooth glass, plastic boards, ceramic plates	
Weight	with counterweights: without counterweights:	510kg 310kg	545kg 345kg
Maximum/minimum width	width:	820mm (618mm)	820mm (618mm)
Travelling length	length:	2070mm	3100mm
Travelling height	height:	1265mm	1265mm
Number of suction cups	cups:	4	4
Powered vertical head movement	vertical movement:	500mm	500mm
Powered head tilt	powered head tilt:	30° forward and 20° backwards	180°
Manual head sideshift	manual head sideshift:	120mm	120mm
Manual pad frame rotation	rotation:	180° left & right	180° left & right
Manual head slew	manual head slew:	90° left & right	n/a
Vacuum system	dual circuit:	1 pump, 2 vacuum reserve tanks	1 pump, 2 vacuum reserve tanks
Power requirements	rechargeable battery: pump:	110v/240v charger 12v DC	110v/240v charger 12v DC

	Geko 250 PV Electric	Geko 250 PV+ Electric
	250kg	175kg
	gastight / non-porous smooth glass, plastic boards, ceramic plates	
	580kg 380kg	615kg 415kg
	848mm	848mm
	2170mm	3200mm
	1255mm	1255mm
	4	4
	500mm	500mm
	30° forward and 20° backwards	180°
	120mm	120mm
	180° left & right	180° left & right
	90° left & right	n/a
	1 pump, 2 vacuum reserve tanks	1 pump, 2 vacuum reserve tanks
	110v/240v charger 12v DC	110v/240v charger 12v DC

Geko 250 PV & 250 PV+



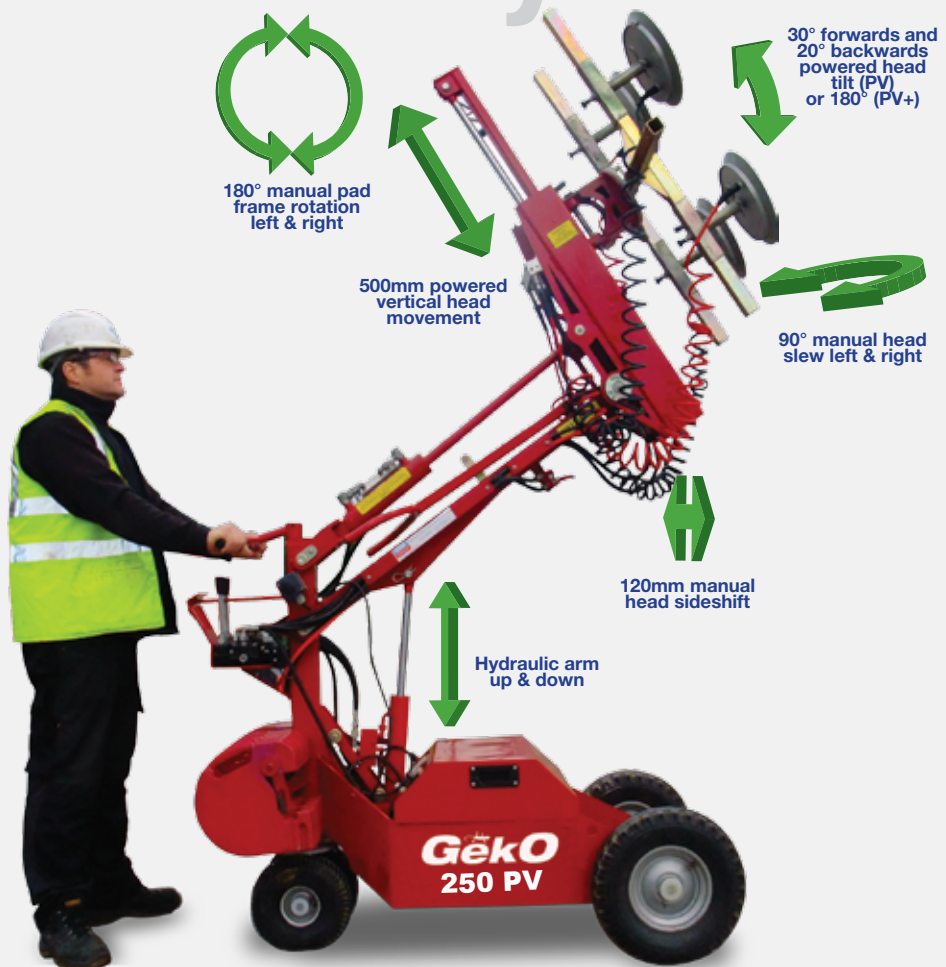
Extension rods
100mm and 300mm

Optional horizontal
extension arm

Optional vertical
extension arm

Narrow access travel
configuration wheel positions
(non-electric versions only)

Hydraulic horizontal lifting
arm installation



PV Electric

Electric option available for both Geko PV & PV+
Please contact our Technical Team for more
information.



PV+

The Geko PV+ arm allows panels weighing up to
175kg to be picked up and tilted 180° for overhead
and ceiling installation up to 3m high.



Hydraulic horizontal
lifting arm pick-up

