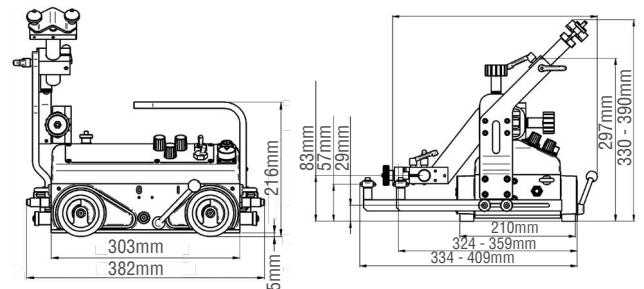


# LIZARD

## PROGRAMMABLE WELDING & BEVELLING CARRIAGE

- Portable welding carriage designed to produce consistently high-quality welds
- Programmable welding patterns and parameters
- Pendulum oscillating attachment available allows the unit to perform weave welds
- Enables weld bead geometry that is exact to the required specifications, thus substantially reducing costs
- Simple to use multi-function L.E.D. display for programming welding patterns & parameters including travel speed, weld length, skip length, total length, reverse fill & crater fill time. These settings can be saved, & up to 40 different programs can be stored.
- Continuous and stitch weld capability
- Compact & lightweight design with durable cast aluminium housing
- Permanent magnet clamping system with on/off lever ensures positive magnetic traction
- Maintenance free 4-wheel drive with worm gear reduction
- Friction drive and control loop feedback mechanism provides speed stabilisation in all positions, to reduce weld defects
- Automatic off limit switches on both ends of machine
- Automatic arc ON/OFF system initiates welding and travel, simultaneously
- Quick clamping torch holder mechanism for different types of MIG/MAG torches with diameters of 16 - 22mm (5/8" - 7/8"); optionally up to 35mm (1-3/8")
- Precise torch adjustment with screw drive cross slide
- Consistent heat input reduces distortion
- Self-guiding roller arms eliminate the need for track
- Improves working environment - removes operator from heat and fumes



Part No.	WA-LIZARD
Power Supply	115-230VAC / 50-60Hz
Welding Positions	Vertical / Horizontal
Chassis To Material Clearance	5mm
Travel Mechanism	Friction Drive With Worm Gear Reduction 4 Wheel Drive Heat Resistant Silicone Wheels
Tracking Method	2-Guide Rollers
Torch Adjustment	Up-Down 35mm, Left-Right 35mm
Gear Roller Adjustment	75mm
Horizontal Speed	0-1200mm/min
Vertical Speed	0-1100mm/min
Dimensions	282mm (L) x 272mm (W) x 390mm (H)
Weight	13.5kg

### Package Includes

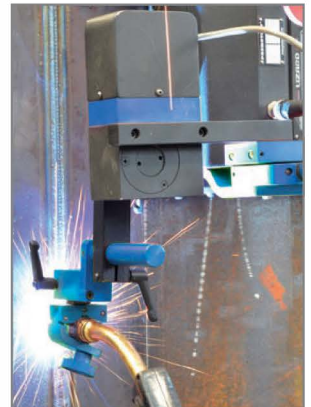
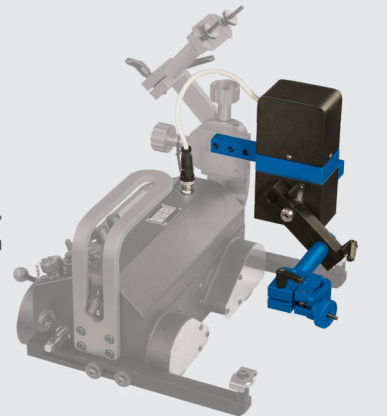
- Welding carriage
- Power lead
- Arc ignition cable
- Cable holder
- Guide arms
- Torch holder
- Lower torch holder
- 4mm Allen key
- Operator's manual

### Oscillation Attachment

A critical optional feature of the LIZARD is the pendulum oscillation attachment. This attachment allows the unit to be capable of performing weave welds.

- Oscillation type: Angular max 11°
- Amplitude R - 150mm: 2 - 30mm
- Frequency: 12 - 115 cycles/min
- Delay at ends: 0 - 3 secs
- Weight: 2.5kg

Part# WAP-L4000

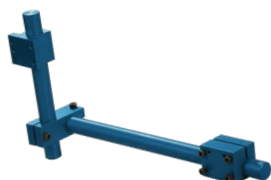


## GECKO & LIZARD ACCESSORIES



### DUAL TORCH MOUNT

Part No.	Description
<b>WAP-G2010</b>	Dual Torch Mount - Enables Mounting Of A Second Torch For Dual Sided Fillet Welding



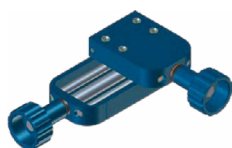
### TORCH EXTENSION ARM

Part No.	Description
<b>WAP-G2020</b>	Torch Extension Arm To Suit Gecko & Lizard



### CABLE ANCHOR

Part No.	Description
<b>WAP-G2095</b>	Cable Anchor



### EXTENDED CROSS SLIDE

Part No.	Description
<b>WAP-G8015</b>	Extended Cross Slide, To Suit Gecko & Lizard, 76mm Up And Down, 35mm Left And Right



### MAGNETIC BLOCKS

Part No.	Description
<b>WAP-G2130</b>	Magnetic Block Front, To Suit Gecko - Additional Magnetic Adhesion
<b>WAP-G2140</b>	Magnetic Block Rear, To Suit Gecko - Additional Magnetic Adhesion



### FLEXIBLE TRACK SETUP TOOL

Part No.	Description
<b>WAP-G2110</b>	Guide Adjustment Tool, For Setting Up Flexible Track



### EDGE GUIDE ARMS

Part No.	Description
<b>WAP-G2030</b>	Edge Guide Arms To Suit Gecko - Enables Guiding Off An Outside Edge
<b>WAP-L4010</b>	Edge Guide Arms To Suit Lizard - Enables Guiding Off An Outside Edge



### STANDARD GUIDE ARMS

Part No.	Description
<b>WAP-G2005</b>	Standard Guide Arm Set To Suit Gecko, As Supplied With Machine
<b>WAP-L4005</b>	Standard Guide Arm Set To Suit Lizard, As Supplied With Machine



### MAGNETIC GUIDE ARMS

Part No.	Description
<b>WAP-G2120</b>	Magnetic Guide Arm Set, To Suit Gecko
<b>WAP-L4060</b>	Magnetic Guide Arm Set, To Suit Lizard



### ADJUSTABLE GUIDE ARMS

Part No.	Description
<b>WAP-G2040</b>	Adjustable Guide Arms To Suit Gecko - Enables Guiding On Lap Joints And Templates
<b>WAP-L4020</b>	Adjustable Guide Arms To Suit Lizard - Enables Guiding On Lap Joints And Templates



### WIDE ROLLER GUIDE ARM SET

Part No.	Description
<b>WAP-G2150</b>	Wide Roller Guide Arm Set, To Suit Gecko
<b>WAP-L4080</b>	Wide Roller Guide Arm Set, To Suit Lizard



### KNURLED LOCKING NUTS

Part No.	Description
<b>WAP-L4070</b>	Knurled Locking Nuts For Guide Arms, To Suit Lizard

## GECKO & LIZARD ACCESSORIES



### LARGE TORCH CLAMP

Part No.	Description
WAP-L4040	Large Torch Clamp For Holding Torches Diameter 22 - 35mm To Suit Lizard



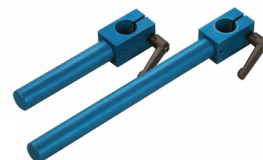
### TORCH HOLDER CLAMP

Part No.	Description
WAP-G2160	Torch Holder Clamp, 16 - 22mm Dia, To Suit Welding Carriages



### STANDARD TORCH CLAMP

Part No.	Description
WAP-G2090	Torch Clamp Assembly To Suit Gecko



### TORCH ARMS

Part No.	Description
WAP-G2050	110mm Length Torch Arms To Suit Gecko & Lizard
WAP-L4030	230mm Length Torch Arms To Suit Gecko & Lizard

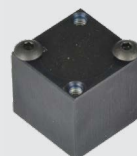
## GECKO & LIZARD OPTIONAL TRACK SYSTEMS

### Flexible Guidance Track To Suit Gecko & Lizard

- Cost effective and simple flexible track guidance system for the Gecko and Lizard welding and bevelling carriages



WAP-G2060



WAP-G2070



WAP-G2080  
WAP-L4050

Part No.	Description
WAP-G2080	Follower Guide Arms For Flexible Track To Suit Gecko
WAP-L4050	Follower Guide Arms For Flexible Track To Suit Lizard
WAP-G2060	1825mm Flexible Track To Suit Gecko & Lizard
WAP-G2070	Magnetic Block To Suit Flexible Track

### Flexible Trackway To Suit Gecko & Lizard

- Carriage runs on top of the track, reducing the footprint of the setup compared to track shown above.
- Flexible trackway min curvature 1.25m

