

■ GECKO BATTERY | MOBILE WELDING TRACTOR

The GECKO BATTERY is a battery-powered welding tractor designed to produce continuous butt and fillet welds using MIG/MAG torches.

4-wheel drive system with magnetic traction and a feedback loop provide speed stabilization in all welding positions.

Constant, continuous and repeatable travel speed enables weld bead geometry that is exact to the required specifications, thus reducing costly over welding and substantially decreasing filler metal usage.





18 V DC battery with a capacity of 5.2 Ah provides energy for 6hrs average operation time.





GECKO BATTERY can also be connected to 110-240 V AC mains by means of power supply.


- Applications:
- Trailer manufacturing
 - Truck tanks
 - Oil tanks
 - Water storage tanks
 - Transformers
 - Shipyards
 - Any application demanding a long, continuous fillet weld


 18V battery supply
(110-240 V AC option)


 Continuous welding


 Dual torch welding


 Horizontal speed
0–110 cm/min (0–43.3 in/min)

 Vertical speed 0–100 cm/min
(0–39.4 in/min)

 Dual arc ignition

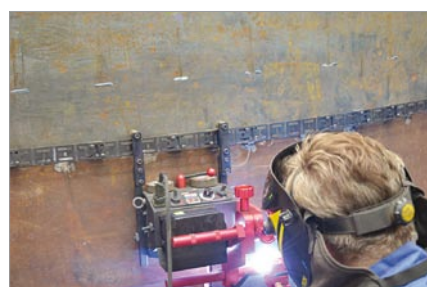
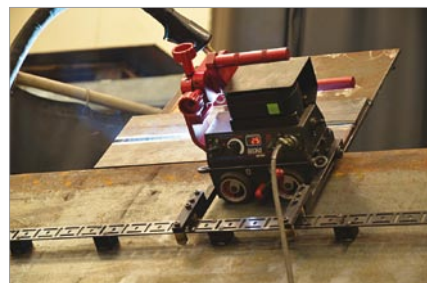
 Min. path convex radius
1000 mm (3.5 ft)

 Min. path concave radius
1000 mm (3.5 ft)

 Weight 8.6kg (19 lbs)

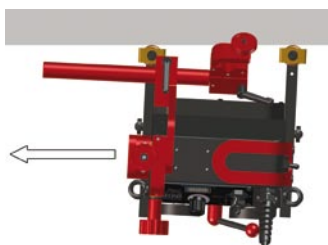
Primary features and benefits of Gecko Battery Welding tractor:

- Compact, lightweight design with durable aluminum cast housing
- Convenient 18 V DC battery supply
- Optional power supply 110-240 V AC 50/60 Hz
- Strong magnetic traction permits out of position use
- Magnet on/off lever permits easy set up and adjustment on work piece
- Maintenance free 4-wheel drive with worm gear reduction
- Heat resistant silicone wheels
- Quick clamping torch holder mechanism for different types of MIG/MAG torches with diameters of 16-22 mm (5/8"-7/8"); optionally up to 35 mm (1-3/8")
- Precise torch adjustment with screw drive cross slide
- Multifunctional LED display - presetting of travel speed, units, error codes information
- Closed loop speed control system stabilizes travel speed to reduce weld defects and costly rework
- Consistent heat input reduces distortion
- Reduced wasted filler metal - eliminates over welding
- Automatic arc on/off system initiates welding with travel, simultaneously
- Capable of carrying and controlling two torches
- Self-guiding roller arms eliminate the need for track
- Multi-surface guiding with user-friendly adjustment of tractor position
- Improves working environment - removes operator from heat and fumes



The newest improved guide arms family makes a proper welding tractor positioning even easier.

- 7 different guide types are dedicated to various welding applications and positions
- include a number of fixing grooves for your convenience
- enable simpler, easier and more consistent adjustment of how guide arms stick out
- secure proper tilting of the carriage into a direction of its movement
- maintain a permanent contact with the workpiece
- allow either interval or continuous guide arms adjustment



Each new guide arm has got a number of indented grooves only on one side.

All types of guide arms are available in pairs of 2 pcs: right and left.



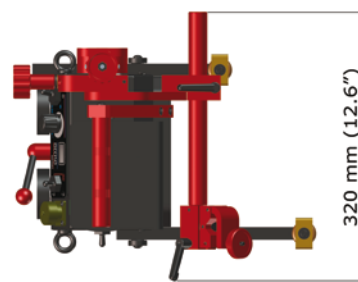
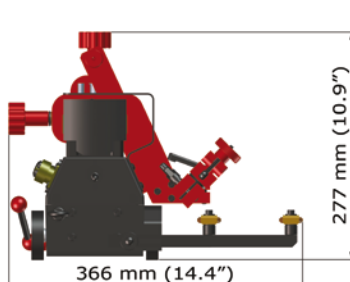
Interval adjustment of a degree how much the guide arms stick out



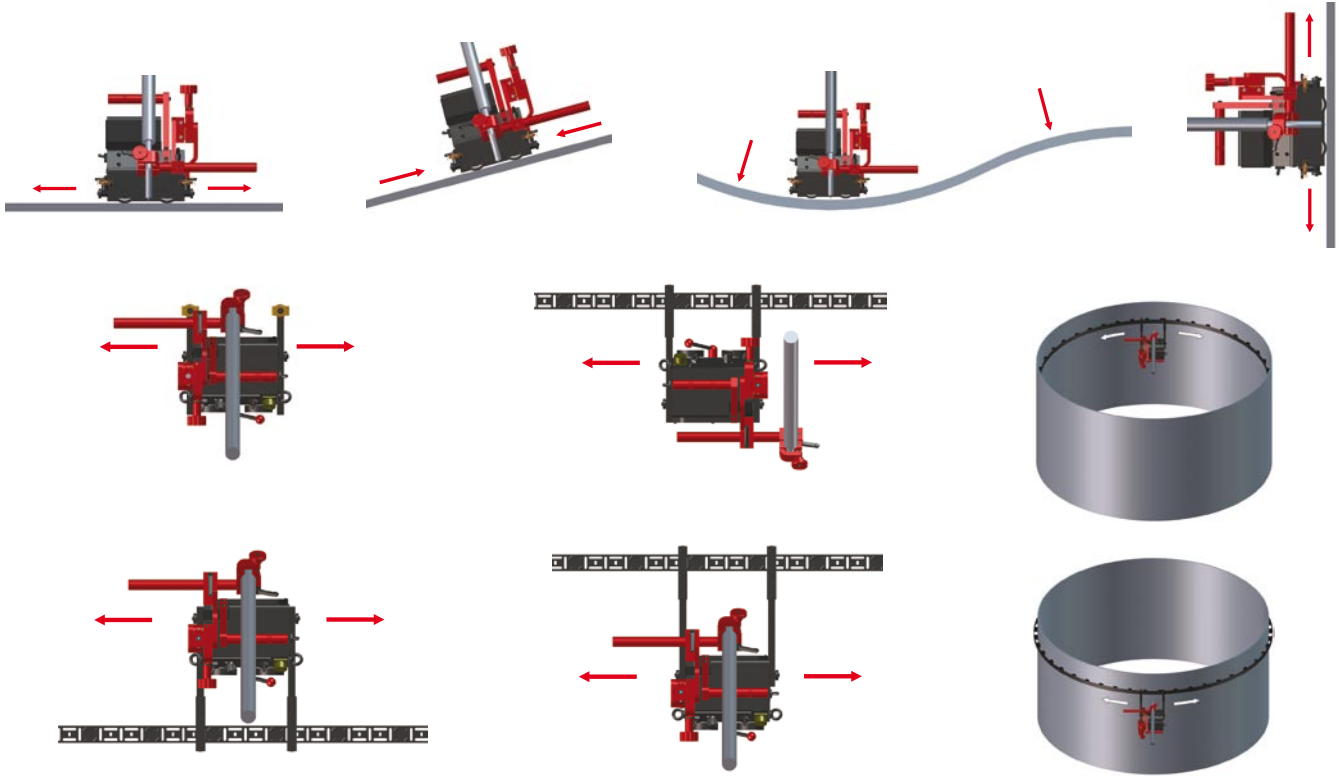
Continuous adjustment of a degree how much the guide arms stick out

TECHNICAL SPECIFICATIONS GECKO BATTERY	
Voltage	18 V DC, 5.2 Ah
Power	20 W
Welding position (according to EN ISO 6947 and AWS/ASME)	PA / 1F / 1G PB / 2F PC / 2G PD / 4F PE / 4G
Torch diameter	16–22 mm (0.63–0.87"); up to 35mm (1.38") option
Minimum radius of curved workpiece surface	1000 mm (3.5 ft)
Minimum workpiece thickness	4 mm (0.16")
Ground clearance	4 mm (0.16")
Horizontal pulling force	150 N
Cross slide adjustment range	0–35 mm (0–1.38") up-down, left-right
Horizontal speed*	0–110 cm/min (0–43.3 in/min)"
Weight	8.6 kg (19 lbs)
Welding settings storage	1 (last used)

* With battery fully charged.



Versatility of applications including out-of-position use



Standard accessories



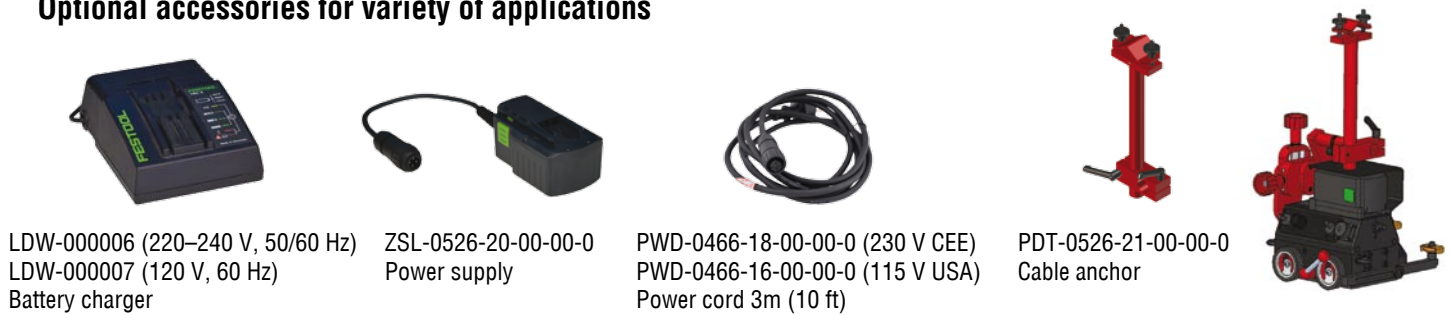
PRW-0466-67-00-00-0
Standard guide arms (set of 2 pcs)

AKM-000086
5.2 Ah Battery

KBL-0466-17-00-00-0
Dual arc ignition cable of 6.5 m (21 ft)

UCW-0466-04-00-00-0
Torch holder long rod clamp assembly

Optional accessories for variety of applications



LDW-000006 (220-240 V, 50/60 Hz)
LDW-000007 (120 V, 60 Hz)
Battery charger

ZSL-0526-20-00-00-0
Power supply

PWD-0466-18-00-00-0 (230 V CEE)
PWD-0466-16-00-00-0 (115 V USA)
Power cord 3m (10 ft)

PDT-0526-21-00-00-0
Cable anchor



ZSP-0466-46-00-00-1
Extended cross-slide
0-76 mm (0-3") up-down,
0-35 mm (0-1.38") left-right

PRD-0466-43-00-00-0
Torch Extension Arm

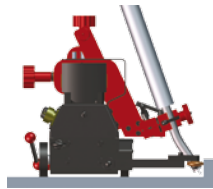
WLK-0476-20-01-00-0
Short Rod Clamp

ZRZ-0466-19-00-00-0
Torch clamp 22-35 mm

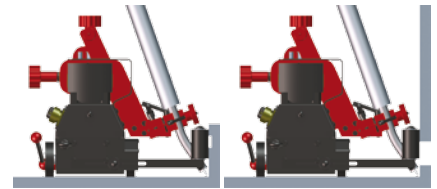
Optional accessories for multi-surface guiding and variety of applications



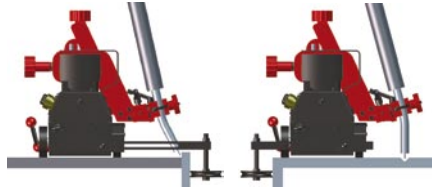
PRW-0466-65-00-00-1
Low guide arms (set of 2 pcs)



PRW-0466-66-00-00-1
High guide arms (set of 2 pcs)



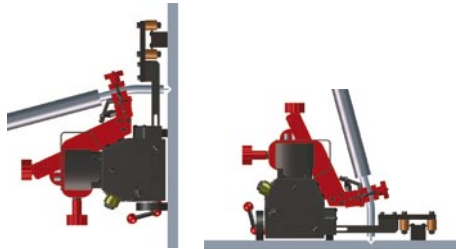
PRW-0466-41-00-00-1
Edge following guide arms (set of 2 pcs)



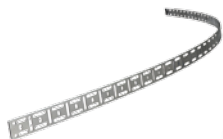
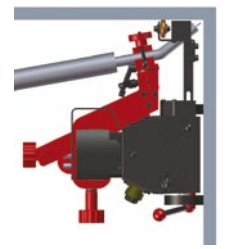
PRW-0466-42-00-00-1
Adjustable guide arms (set of 2 pcs)



PRW-0466-50-02-00-1
Track following guide arms (set of 2 pcs)



PRW-0466-52-00-00-1
Magnet guide arms (set of 2 pcs)



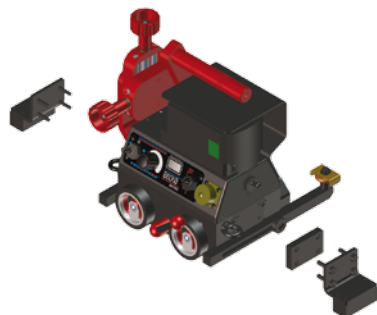
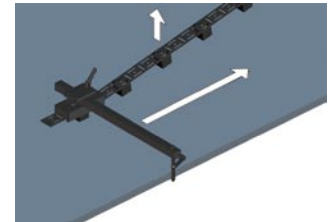
PRW-0466-50-01-01-0
Flexible track 185cm (6ft) 1pc



BLO-0466-50-01-10-0
Magnet block 1 pc



UST-0466-53-00-00-0
Guide adjustment tool to position
the track parallel to the edge



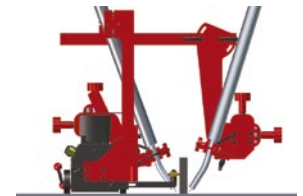
BLO-0466-44-01-00-0
Magnet blocks (front)
M5x25



BLO-0466-45-01-00-0
Magnet blocks (back) M6x25
incl. additional spacer plate
required for Gecko Battery only



PDT-0466-40-00-00-0
Dual Torch Mount



More information at www.promotech.eu

Mitglied im **DVS**
DVS – Deutscher Verband für Schweißen
und verwandte Verfahren e.V.



American Welding Society
Supporting Company Member



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