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.

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

Applications:

- 18V battery supply (110-240 V AC option)
- Continuous welding
- 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)
- Horizontal speed 0–110 cm/min (0–43.3 in/min)
- Vertical speed 0–100 cm/min (0–39.4 in/min)
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

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* With battery fully charged.

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
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-0466-50-01-00-0
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

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

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

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)

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