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.

Optional accessories make Gecko Battery fit for various applications with carbon steel, stainless steel and aluminum.

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)
Min. path convex radius 1000 mm (3.5 ft)
Min. path concave radius 1000 mm (3.5 ft)
Weight 8.6 kg (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
Interval adjustment of a degree how much the guide arms stick out

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

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.

### TECHNICAL SPECIFICATIONS GECKO BATTERY

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

* With battery fully charged.

### 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 tractor into a direction of its movement
- maintain a permanent contact with the workpiece
- allow either interval or continuous guide arms adjustment

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

Continuous adjustment of a degree how much the guide arms stick out
### 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)
  - Battery charger

- **LDW-000007** (120 V, 60 Hz)
  - Battery charger

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

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

- **ZSP-0466-44-00-00-1**
  - 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

- **UCW-0466-29-00-00-0**
  - Display shield

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

- **URZ-000001**
  - Fall arrester device

- **KOL-0466-72-00-00-0**
  - Stainless steel driving wheel

- **ZSP-0466-44-00-00-1**
  - Extended cross-slide 0-76 mm (0-3") up-down, 0-35 mm (0-1.38") left-right
Optional accessories for multi-surface guiding and variety of applications

- PRW-0466-45-00-00-1
  Low guide arms (set of 2 pcs)

- PRW-0466-46-00-00-1
  High guide arms (set of 2 pcs)

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

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

- PRW-0466-47-01-00-0
  Magnet blocks (front) M5x25

- PRW-0466-48-01-00-0
  Magnet blocks (back) M6x25 incl. additional spacer plate required for Gecko Battery only
Vacuum units in use on stainless steel or aluminum tanks

Depending on sort of fixing units in use with flexible trackway, Gecko Battery welding tractor is suitable for applications with carbon steel, stainless steel and aluminum.