

# Miggytrac™ B5001

## Compact, programmable tractor



*Miggytrac™ 5001*



Miggytrac B5001 is a compact and programmable 42V AC tractor. It's driven either by power source or by battery and can easily mechanise your GMAW process and thermal cutting applications where weaving is not required.

B5001 can be used for continuous and intermittent welding. When connected to an ESAB wire feeder you can set the voltage and wire feed speed in percent directly from the unit.

Miggytrac's true 4-wheel drive and high-friction wheels guarantee stable movement and operation of the tractor. The carriage follows the weld joint using guide wheels that adjust to allow the unit to drive itself against the workpiece.

Ideal for use with ESAB's GMAW power sources and feeders. A standard ESAB welding torch can quickly attach to the unit.

- Quick set up and easy-to-use
- Forward and backward movement
- Programmable constant travel speed
- Compatible and rechargeable 18V Li-ion battery pack (interchangeable with common Makita power tools)
- Color TFT Display with high visibility in strong light conditions
- Intermittent stitch welds with programmable length and spacing
- End of weld crater and backfill function
- Operating time up to 6h
- Capable of welding on inclined surfaces up to 45°

Visit **esab.com** for more information.

### Industry

- Bridge Construction
- Industrial and General Fabrication
- Mobile Equipment
- Ship and Offshore Yards
- Ship/Barge Building
- Steel Industry
- Transportation
- Structural Steel Fabrication

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| Technical Data                            |                    |
|---|--------------------|
| Battery voltage (battery not included)    | Li-ion 18 V        |
| Operating time Battery                    | 6 h                |
| Motor type                                | Stepper motor      |
| Travel speed                              | 1 – 170 cm/min     |
| Slide adjustment, horizontal              | ± 32 mm            |
| Slide adjustment, vertical                | ± 40 mm            |
| Adjusting steering arms                   | ± 40 mm            |
| High friction rubber wheel, 4-wheel drive | 75 x 20 mm         |
| Operating temperature, max (Carriage)     | +80°C              |
| Operating temperature, max (Battery)      | +60°C              |
| Operating temperature, max (Wheels)       | +150°C             |
| Horizontal tensile force without magnet   | 12 kg              |
| Horizontal tensile force with magnet      | 25 kg              |
| Max angle, degree                         | 45°                |
| Vertical tensile force at 45° with magnet | 11 kg              |
| Dimensions, L x W x H                     | 310 x 290 x 250 mm |
| Weight                                    | 13 kg              |

| Cable Key Diagram                          |                                 |                                 |  |                        |                      |                     |
|--|---------------------------------|---------------------------------|--|------------------------|----------------------|---------------------|
|  | Origo Feed<br>304, 484<br>(M12) | Origo Feed<br>304, 484<br>(M13) | Aristo Feed<br>3004/4804<br>(All panels) | Warrior<br>Feed<br>304 | Robust<br>Feed Pulse | Universal<br>Feeder |
| Control Cable<br>0457360880                | ●                               | ●                               | ●  | ●                      | ●                    | ●                   |
| Connection Cable<br>0457360886             |                                 | ●                               |  |                        |                      |                     |
| Battery<br>0457468074                      |                                 |                                 |  |                        |                      | (●)                 |
| Remote Adapter Kit<br>0465451881           |                                 |                                 |  | ●                      |                      | ●                   |
| Remote Adapter Kit RA 23<br>CAN 0459681880 |                                 |                                 | ●  |                        |                      |                     |
| Transformer 230 VAC<br>0457467880          |                                 |                                 |  |                        |                      | (●)                 |
| Transformer 115 VAC<br>0457467882          |                                 |                                 |  |                        |                      | (●)                 |

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## Ordering Information

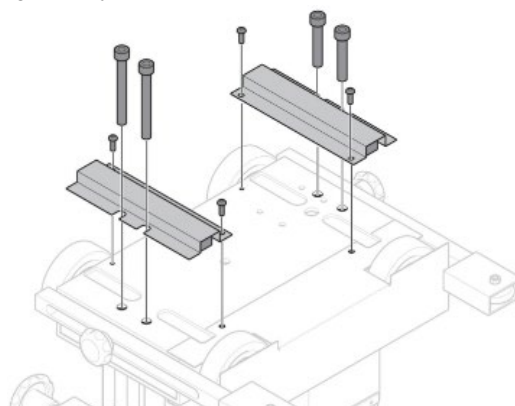
|   |            |
|---|------------|
| Miggytrac™ B5001 (battery not included) | 0459990645 |
|---|------------|

## Ordering Information

|   |            |
|---|------------|
| Control Cable Miggytrac/ Railtrac 5m  | 0457360880 |
| Connection Cable Universal (only w. 12-pin)   | 0457360886 |
| Remote Adapter Kit Miggytrac/ Railtrac  | 0465451881 |
| Remote Adapter Kit RA 23 CAN Miggytrac/ Railtrac  | 0459681880 |
| Transformer kit 230V AC   | 0457467880 |
| Transformer kit 115V AC   | 0457467882 |
| Magnet kit for front and rear   | 0457357131 |
| Adjustable guide wheel kit Miggytrac™,<br>Adjustable height (H): 52–75 mm (2.0–3.0 in.) | 0457357171 |
| Battery + Battery Charger   | 0457468073 |
| Battery 18V Li-ion, Makita® *   | 0457468070 |
| Battery Charger 230V AC Makita® *   | 0457468072 |

\* Makita® Battery Li-ion BL1840 and Battery Charger DC18RC can be bought locally in hardware store.

A magnet kit can be installed at the bottom of the tractor to further stabilize the movement and increase the friction between the drive wheels and the foundation.



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