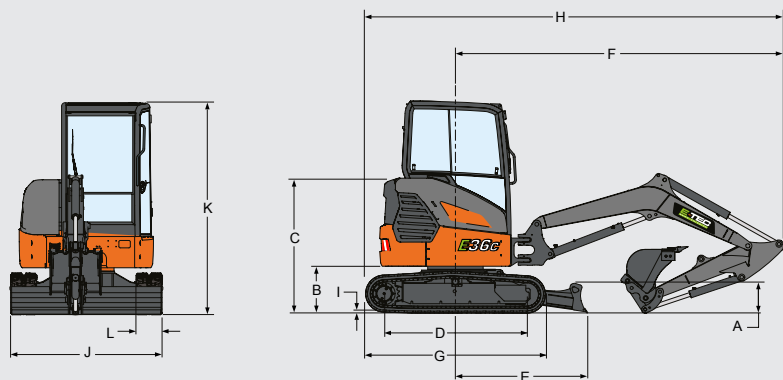


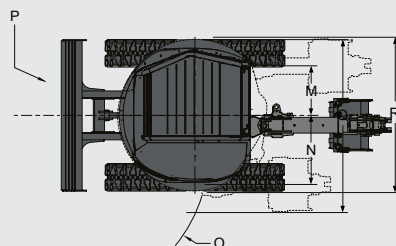
# ETEC E36C

## ELECTRIC MINI EXCAVATOR >



### DIMENSIONS

|   |                                                                            |    |      |
|---|----------------------------------------------------------------------------|----|------|
| A | Blade height                                                               | mm | 322  |
| B | Clearance under counterweight                                              | mm | 540  |
| C | Height to top of engine hood                                               | mm | 1557 |
| D | Track center distance                                                      | mm | 1647 |
| E | Centerline to blade                                                        | mm | 1528 |
| F | Front length, standard arm                                                 | mm | 3787 |
| F | Front length, long arm                                                     | mm | 3796 |
| G | Overall track length                                                       | mm | 2074 |
| H | Transport length, standard arm                                             | mm | 4823 |
| H | Transport length, long arm                                                 | mm | 4832 |
| I | Track shoe height                                                          | mm | 25   |
| J | Blade width                                                                | mm | 1750 |
| K | Overall height                                                             | mm | 2468 |
| L | Track width                                                                | mm | 300  |
| M | Centerline of machine to centerline of working equipment, counterclockwise | mm | 575  |
| N | Centerline of machine to centerline of working equipment, clockwise        | mm | 795  |
| O | Minimum turning radius, standard arm                                       | mm | 1788 |
| O | Minimum turning radius, long arm                                           | mm | 1841 |
| P | Swing radius at rear, standard arm and counterweight                       | mm | 875  |
| P | Swing radius at rear, long arm, heavy counterweight                        | mm | 965  |
| Q | Working width at maximum rotation to the right                             | mm | 1841 |
| R | Working width at maximum rotation to the left                              | mm | 1805 |



### WERKGEBIED

|   |                                                    |    |      |
|---|----------------------------------------------------|----|------|
| A | Maximum bucket angle                               | °  | 185  |
| B | Maximum reach at ground level, standard arm        | mm | 5351 |
| B | Maximum reach at ground level, long arm            | mm | 5633 |
| C | Maximum digging reach, standard arm                | mm | 5230 |
| C | Maximum digging reach, long arm                    | mm | 5520 |
| D | Maximum swing radius at ground level, standard arm | mm | 2267 |
| D | Maximum swing radius at ground level, long arm     | mm | 2324 |
| E | Blade lift height                                  | mm | 382  |
| F | Blade cutting depth                                | mm | 456  |
| G | Maximum height with retracted standard arm         | mm | 3708 |
| G | Maximum height with retracted long arm             | mm | 3708 |
| H | Maximum digging height, standard arm               | mm | 4804 |
| H | Maximum digging height, long arm                   | mm | 4985 |
| I | Maximum dump height, standard arm                  | mm | 3340 |
| I | Maximum dump height, long arm                      | mm | 3521 |
| J | Maximum vertical wall depth, standard arm          | mm | 2136 |
| J | Maximum vertical wall depth, long arm              | mm | 2414 |
| K | Maximum digging depth, standard arm                | mm | 3117 |
| K | Maximum digging depth, long arm                    | mm | 3417 |

### HYDRAULIC SYSTEM

#### UNDERCARRIAGE

Undercarriage with tracks. Heavy-duty track frame, welded stress-free construction. High-quality materials for robustness. The side frames are welded to the track frame. The rollers have lifetime lubrication, and the idlers have floating seals. Hydraulic track adjusters with shock absorbing tension springs.

#### Number of track rollers and track plates

|                                | ETEC E36c |
|--------------------------------|-----------|
| Under (left and right) rollers | 4         |
| Track plates                   | Rubber    |
| Total track length             | 2074 mm   |
| Track plate width              | 300 mm    |

### HYDRAULIC SYSTEM

With this original design, all combinations of functions can be performed independently or in combination with the joystick.

#### Pump

|                                         | ETEC E36c                                                                                   |
|-----------------------------------------|---------------------------------------------------------------------------------------------|
| Type                                    | Type: Single outlet pump with variable output, load sensing, limited torque, and gear pumps |
| Total hydraulic capacity                | 101,2 l/min                                                                                 |
| Flow rate of auxiliary hydraulics       | 63,9 l/min                                                                                  |
| Relief pressure of auxiliary hydraulics | 206 bar                                                                                     |

#### Maximum system pressure

|                       | ETEC E36c |
|-----------------------|-----------|
| Boom                  | 290 bar   |
| Arm / Bucket / Riding | 270 bar   |
| Swinging              | 216 bar   |

### POWERTRAIN / DRIVE SYSTEM

Each of the tracks is driven by an independent high torque axial piston motor via planetary reduction gears. The two control levers provide smooth travel and counter rotation when required.

#### Speed and traction

|                         | ETEC E36c      |
|-------------------------|----------------|
| Travel speed (low-high) | 2,6 - 4,7 km/u |
| Traction force          | 3480 kgf       |
| Climbing ability        | 30°            |

### THE ETEC E 36C; GREAT VALUE FOR YOUR MONEY!

ETEC E36c electrically powered hydraulic excavator with high performance. The ETEC E36c is an electric excavator developed according to the concept of 'providing the end user with the most value for their money', which clearly offers more to the user.

#### Specifically, this means:

- Higher productivity and lower energy consumption through electronic optimization of the hydraulic system and a next-generation electric motor;
- Improved ergonomics, greater comfort, and excellent all-around visibility, providing a safe and pleasant working environment;
- Increased reliability thanks to high-quality materials, combined with new methods for structural stress analysis, resulting in a longer service life and lower operating costs;
- Reduced maintenance requirements, leading to lower operating costs.

### GUARANTEED TOP PERFORMANCE UNDER ALL CONDITIONS

The advanced hydraulic system, combined with the powerful electric motor, delivers the highest breakout and traction forces for efficient operation. As a result, the E36c offers outstanding performance, efficiency, and the ability to adapt to any working environment.

### COMFORTABLE CABIN

A spacious ROPS-TOPS cabin with safety glass and independent suspension ensures minimal vibration and noise, along with excellent all-around visibility. The right window can be opened for ventilation, while the front window can be slid upwards.



### DISPLAY

The centrally positioned instrument panel provides an excellent view of the exact battery percentage. The touchscreen display allows easy selection of the appropriate work mode.



# ETEC E36C

**ELECTRIC MINI EXCAVATOR >**



|                               |                                      |
|-------------------------------|--------------------------------------|
| Engine                        | Liquid-cooled permanent magnet motor |
| Power                         | 22 kW                                |
| Operating weight              | 4000 kg                              |
| Battery                       | Lithium Iron Phosphate (LiFePO4)     |
| Operating time (approximate)  | 8 hours                              |
| Charging time AC 400V 16A/32A | 8 hours                              |



**LARGEST  
OPERATING RADIUS**



**IN-HOUSE  
PRODUCTION**



**INCLUDING  
THE SAFE 'LFP'  
BATTERIES**



**IN COMPLIANCE  
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SAFETY STANDARDS**

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