

BOBCAT E10e ELECTRIC MINI-EXCAVATOR BUILT FOR INDOOR



Battery powered, zero tail swing (ZTS) mini-excavator in the 1-tonne class!



WORKS ALL DAY

Thanks to Lithium-Ion, maintenance-free battery pack, the E10e can operate throughout a full working day, using operator breaks to recharge the battery.



LIGHT AND COMPACT TO FIT INDOORS

With its width of just 71 cm and just over 1 tonne in weight, the E10e provides a very attractive solution for indoor projects.
And it's zero-emission!



NEAR-SILENT

The E10e noise level is only 71 dBA vs 80 dBA for the standard diesel E10z machine. This is half the noise of a similar diesel machine!



Bobcat has helped to inspire the increasing focus on electric construction machines, being one of the pioneers in this area.

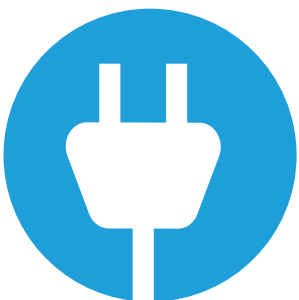
There is a major opportunity for compact excavators in:

- indoor demolition,
- city center developments,
- night-time work,
- contracts in quiet areas such as hospitals, cemeteries, schools, etc.

Until now, there was no easy and effective solution that could blend compact size, low noise and zero emission to satisfy the needs of these applications.

The new E10e is a game changer in this domain. Designed for tough use in indoor demolition, it also excels at the jobs where disruption needs to be minimized.

All of the systems and components on the E10e have been optimized for work in harsh environments - all electric powertrain components are fully sealed and designed to meet construction equipment requirements for robustness.





FULL-DAY PRODUCTIVITY

Following the daily working routine, the E10e can operate throughout a full working day. Using an external Supercharger functionality, the battery can be recharged to 80% of battery capacity in less than 2 hours. The battery can also be recharged overnight by using the on-board charger from a standard 230V grid.

0%

ZERO-EMISSION

Safe, zero-emission design. The E10e provides a very attractive solution for indoor projects - for rental companies and contractors alike.



COMPACT DESIGN

With the successful features of the standard E10z machine for working in confined spaces, the new E10e has the same ZTS profile and identical external dimensions and offers the same or better high performance. It's compact (71 cm) and light (just over 1 tonne) to go through standard doors and into construction elevators. It can even drive up the stairs!



HALF NOISE

The E10e offers very low noise levels on-site with an LpA (operator noise) of only 71 dBA vs 80 dBA for the standard E10. This is half the noise of a similar diesel machine!



HIGH PERFORMANCE

Thanks to the constant power curve provided by the electric powertrain, the E10e provides the same, or even better, performance as the E10z diesel machine. Thermal management system ensures that the battery possesses a wide temperature operation window.



OPERATOR COMFORT

The E10e provides the unbeatable operator comfort enjoyed in the diesel version, plus several unique features for the electrical version only, including Smart Graphic Display.



MULTIPLE ATTACHMENTS

The E10e can be operated with all E10z attachments including more advanced attachments thanks to double-acting auxiliary hydraulics.

Digging, grading buckets, and the famous Bobcat HB280 breaker make the E10e an effective partner for any tough project.



SPECIFICATIONS

The boldface specifications below show where the E10e differs from the E10z (standard diesel version):

Description	Bobcat E10e	Bobcat E10z
Operating weight – TOPS canopy and bucket (ISO 6016)	1220 kg	1176 kg
Transport mass (no attachment)	1121 kg	1077 kg
Engine	Electric (AM)	Diesel
Max. power	7.5 kW	7.5 kW
Battery capacity	12.7 kWh	---
System voltage	48 V	---
Travel speed, low range	2.1 km/h	2.1 km/h
Travel speed, high range	3.1 km/h	3.1 km/h
Pump capacity (P1 + P2)	20 l/min	20 l/min
Auxiliary flow	20 l/min	20 l/min
Length (transport)	2793 mm	2793 mm
Width (undercarriage retracted/expanded)	710 / 1100 mm	710 / 1100 mm
Height	2209 mm	2209 mm
Maximum digging depth	1820 mm	1820 mm
Maximum dump height	1818 mm	1818 mm
Max. reach at ground level	3093 mm	3093 mm
Boom swing angle (left/right)	67° / 64°	67° / 64°
Digging force, dipper-stick	5.6 kN	5.6 kN
Digging force, bucket	8.3 kN	8.3 kN
Sound level operator (LpA – EU Directive 2006/42/EC)	71 dB(A)	80 dB(A)
Sound level bystander (LWA – EU Directive 2000/14/EC)	84 dB(A)	93 dB(A)



LOW MAINTENANCE AND SERVICE

Large openable steel tailgate allows easy access to all components for daily maintenance.

- ▶ Electric powertrain with self-diagnosis capability via CAN
- ▶ Easy-to-remove Maintenance-free Lithium-Ion battery without memory effect
- ▶ Peace of mind if you safeguard your Bobcat asset with PROTECTION PLUS extended warranty and maximize productivity with the BobCARE maintenance plan.



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