



Bobcat®

ELECTRICAL INNOVATION GOES DEEPER: INTRODUCING THE NEW E10E AND E19E COMPACT EXCAVATORS.



Bobcat is taking the promise and potential of electric compact equipment to new heights – and new depths – with the introduction of its first battery-powered compact excavators. The E10e and E19e deliver all the benefits of owning and operating emissions-free compact excavators while sacrificing none of the performance.

EXCEPTIONAL ELECTRICAL/HYDRAULIC PERFORMANCE

With performance that equals their diesel-powered counterparts, these productive machines will revolutionize the way you work. The electrical motor delivers full torque, regardless of rpm, providing top productivity, smooth hydraulic control and on-demand multifunctioning performance with no noticeable power drop. An added benefit is that the cost to recharge the battery system is a fraction of the price for a diesel fill-up.

WORK TO NEW LIMITS.

With a compact footprint and zero emissions, these compact excavators can power through the work anywhere, anytime – while putting an end to the challenges of changing emissions standards. The E10e and E19e tackle tough jobs in small places – both indoors and outdoors – where intensive and costly manual labor is your other option. These machines are also quiet – enabling operation at any hour of the day, even in dense urban areas where noise regulations can limit work hours.

TAKE ADVANTAGE OF NEW BUSINESS OPPORTUNITIES.

A growing number of companies and individuals support eco-friendly jobsite practices, and many government agencies are adopting environmental, social and governance (ESG) principles that give priority to contractors with sustainable business practices. A battery-powered compact excavator in your fleet will ensure that you can confidently bid on these opportunities.

REDUCE MAINTENANCE COSTS.

The highly efficient electrical motors contain fewer parts, which significantly reduces maintenance and repair costs in addition to lost time due to service. The state-of-the-art lithium-ion batteries require no routine maintenance and have built-in protection against overcharging.



DIG IN TO THE ELECTRIC COMPACT EQUIPMENT REVOLUTION.

With the numerous advantages of a battery-powered machine – an exceptional low-noise, low-vibration operator experience, plus the Bobcat track record of bringing job-ready innovation to heavy-duty applications – owners and operators can be more confident than ever about the future of electric compact equipment.



Learn more about
Bobcat® electric equipment.

MODEL	E10e	E19e
Operating Weight	2648 lb. (1201 kg)	4225 lb. (1916 kg)
Ground Pressure	4.18 psi (28.8 kPa)	4.77 psi (32.9 kPa)
ELECTRICAL		
Battery Type	Lithium Ion	Lithium Ion
System Voltage	51.8 VDC	51.8 VDC
Gross Battery Capacity	11.5 kWh	17.3 kWh
Motor Type	Asynchronous	Asynchronous
Motor Power	10.5 hp (7.5 kW)	13.4 hp (10.0 kW)
Estimated Continuous Runtime	4 hr.	4 hr.
PERFORMANCE		
Digging Force, Arm	1248 lbf. (5550 N)	2086 lbf. (9279 N)
Digging Force, Bucket	1865 lbf. (8294 N)	4584 lbf. (20,835 N)
Drawbar Pull	2227 lbf. (9905 N)	5299 lbf. (23,550 N)
Travel Speed (low)	1.1 mph (1.8 km/hr.)	1.0 mph (1.7 km/hr.)
Travel Speed (high)	1.8 mph (2.9 km/hr.)	2.2 mph (3.6 km/hr.)
HYDRAULIC SYSTEM		
Pump Type	Triple Gear Pump	Triple Gear Pump
Pump Capacity	6.6 gpm (25.0 L/min.)	9.2 gpm (35.1 L/min.)
Auxiliary Flow	5.2 gpm (20.0 L/min.)	6.4 gpm (24.3 L/min.)
Auxiliary Relief	2766 psi (191 bar)	2610 psi (180 bar)
SWING SYSTEM		
Boom Swing (left)	67°	80°
Boom Swing (right)	64°	60°
Swing Speed	10.2 rpm	7.9 rpm
CHARGING		
On-Board 110V	10-12 hr.	10-12 hr.
On-Board 240V	10-12 hr.	10-12 hr.
Off-Board 240V	1-2 hr.	1-2 hr.
Standard On-Board Charging Cable	NEMA 5-15	NEMA 5-15
MACHINE FEATURES		
ROPS/TOPS/FOPS Canopy	-	Std
TOPS Operator Guard	Std	-
Travel Motion Alarm	Std	Std
Auto Idle	-	-
Vinyl Seat	Std	Std
Bobcat 5" Display	-	-
Auto Two-Speed Travel	-	Std
Auxiliary Hydraulics With Quick Couplers	Std	Std
Mechanical X-Change™ Attachment Mounting System	-	-
Dozer Blade	Std	Std
Work Lights	Std	Std
Battery/Hydraulic Motor With Shutdown	Std	Std
Key Activation	Std	Std
Additional Charge Cable Options	Opt	Opt
Clamp	-	Opt

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Specifications are measured against prototype machines. The engine, hydraulics, and fuel specifications are not comparable.

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Bobcat

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