



Bobcat®

COMPACT EXCAVATORS

E27



One Tough Animal™

E27 — SPECIFICATIONS

Weights

Operating weight (ISO 6016)	2839 kg
Ground pressure	26.2 kPa

Engine

Make / model	Kubota / D1305
Fuel	Diesel
Number of cylinders	3
Displacement	1.26 L
Maximum power (ISO 9249)	18.5 kW
Maximum torque (ISO 9249)	81.3 Nm

Performance

Digging force, arm (ISO 6015)	16030 N
Digging force, long arm (ISO 6015)	13470 N
Digging force, bucket (ISO 6015)	26520 N
Drawbar pull	28949 N
Travel speed (low)	3.0 km/h
Travel speed (high)	5.1 km/h

Hydraulic System

Pump type	Dual outlet variable displacement piston pump with gear pumps
Piston pump capacity	67.5 L/min
Auxiliary flow	53.8 L/min
Auxiliary relief	180.0 bar

Swing System

Boom swing, left	70.0°
Boom swing, right	55.0°
Swing speed	9.3 RPM

Fluid Capacities

Cooling system	4.5 L
Engine oil and filter	4.0 L
Fuel tank	34.4 L
Hydraulic system	24.0 L

Standard Features

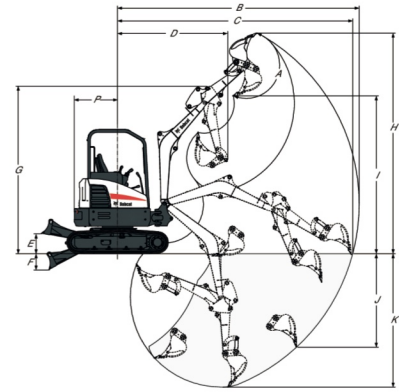
1550 mm dozer blade	Fingertip auxiliary hydraulic control
Steel tracks	Horn
Auto shift travel	Hydraulic joystick controls
Auxiliary hydraulics with quick couplers on boom	Retractable seat belt
Blade float feature	Suspension seat
Control console locks	TOPS/ROPS* canopy ¹
Cupholder	Two-speed travel
Engine/hydraulic monitor with shutdown	Work lights Boom & Canopy
Long Arm	Auto Idle

1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117.

Options

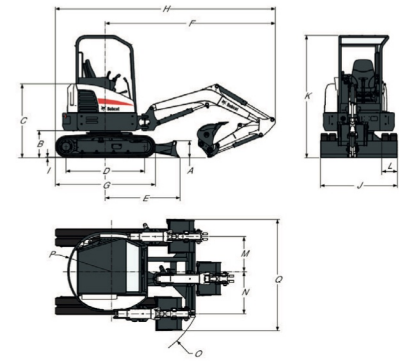
AC Cabin
Rubber tracks
Trenching Bucket 12" (0.045 m ³)
Trenching Bucket 24" (0.07 m ³)
Bucket Clamp

Working Range



(A)	185.0°	(G)	3240.0 mm
(B)	4721.0 mm	(H)	4429.0 mm
(C)	4604.0 mm	(I)	3305.0 mm
(D)	1924.0 mm	(J)	1825.0 mm
(E)	385.0 mm	(K)	2847.0 mm
(F)	420.0 mm		

Dimensions

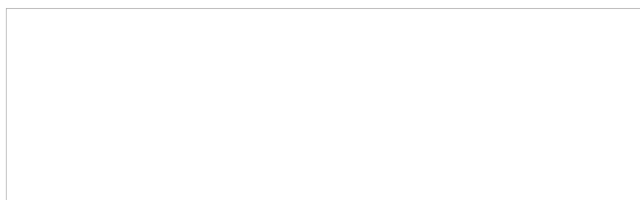


(A)	319.0 mm	(J)	1550.0 mm
(B)	539.0 mm	(K)	2438.0 mm
(C)	1540.0 mm	(L)	300.0 mm
(D)	1543.0 mm	(M)	393.0 mm
(E)	1462.0 mm	(N)	576.0 mm
(F)	3135.0 mm	(O)	1575.0 mm
(G)	1965.0 mm	(P)	1055.0 mm
(H)	4190.0 mm	(Q)	1868.0 mm
(I)	21.0 mm		

Scan to visit our website



Toll Free No.  1800 1032 869



© 2018 BOBCAT INDIA E27-EN (12-18)



Bobcat®

Doosan Bobcat India

HTC Towers, 6TH Floor, No. 41, GST Road, Guindy, Chennai - 600 032.

☎ +91 96000 04852 ✉ bobcatindia@doosan.com

🌐 www.bobcat.com

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.

E27 Mini Excavator



The new conventional swing Bobcat® E27 mini excavator introduces an in-class unique combination of superior stability, class leading digging performance and breakout forces. Even with the heavy counterweight standard heavy counterweight, the Bobcat® E27 mini excavator offers just 280mm of tail overhang is still compact which allows the machine to be operated in confined spaces. This makes the machine an ideal tool for highly demanding applications for performance together with transportability.

[Request a Quote](#)

[Find a Dealer](#)

[Download Leaflet](#)

E27 Features

[Collapse all](#) -

▶ Performance ⁵

▶ Auto Shift

Auto-Shift travel shifts the machine out of high range and back automatically, offering superb travel performance without having to manually downshift. It automatically transitions the travel motors to and from high range, giving you greater tractive effort with no manual shifting. Simply select the travel speed range and go. A directional lug track also provides a smoother ride and less vibration when traveling.

▶ Fingertip Boom Swing Control

Bobcat® excavator controls allow you to make fine movements with low effort and maximum comfort – so you can get precise results in less time, with less fatigue. A rocker-style thumb switch, located on the left joystick, provides superior boom swing control with better metering than foot pedals. Multifunction operation, such as swinging and traveling simultaneously, is also easier. With the boom swing control on the joystick, you get more floor space and foot room that provides a comfort advantage on long, tiring jobs.

▶ Dual Direction Detent

Provides continuous flow for attachments in either direction, allowing you to operate attachments without continually pressing a button.

▶ Blade Float

Simplify grading, leveling and backfilling. Blade float exerts a minimal, consistent down-force on the blade, with minimal operator input.

▶ 2-Speed Travel

Maneuver faster with optional 2-Speed travel. The faster you can move on your jobsite, the quicker you can complete your work. For long-haul jobs or work on large jobsites, 2-Speed travel increases your productivity all day long.

▶ Comfort ⁴

▶ Cab Comfort

You'll be more attentive when your compact excavator is quieter, set to your preferred temperature, and easy to operate. M-Series models continue the Bobcat tradition of comfortable, operator-focused machines. Enjoy more cab space, advanced climate control and reduced noise levels.

▶ Ergonomic Controls

Operator-friendly, ergonomic controls keep you productive all day long. Control attachments with precision, flexibility and low fatigue. Grade, level and backfill with less operator input. Head to the next jobsite using the one-hand travel control. Adjust the arm rests for added comfort.

▶ Hydraulic Joystick Control

More standard comfort features make hard work easier.

Soft Grip Joysticks

Bobcat excavators feature soft-grip pilot control joysticks that provide effortless control of the workgroup.

Uptime Protection ⁹

Engine Monitoring

Keep your Bobcat® compact excavator on the job – and out of the shop – with smart diagnostic features. **Machine Shutdown Protection** Most Bobcat excavators come standard with automatic shutdown that tracks engine coolant temperature, engine oil pressure, hydraulic oil temperature and other functions. The system prevents catastrophic engine failure and shuts the machine down if necessary – lessening the chance of damage to the engine or hydraulic components. **Diagnostics** Bobcat provides on-board diagnostics to efficiently troubleshoot problems in the field or prevent them before they occur – reducing downtime for you. **Cold Weather Engine Protection** This feature protects your machine from working too hard before the engine is properly warmed up.

In-Track Swing Frame

Bobcat® compact excavators are engineered to operate in the smallest of workspaces. All models feature the exclusive In-Track Swing Frame, which allows you to get closer to your work. The swing castings and cylinders stay within the tracks when you dig in an offset position.

Instrumentation

Evaluate your machine performance, assess your costs and protect your investment with the handy instrumentation options on Bobcat® compact excavators. The standard panel gives you essential data, while the optional deluxe instrumentation panel offers advanced capabilities.

Protected Machine Components

Exposed hoses, weaker components and inferior design may mean a trip to the shop when you need your machine the most. All Bobcat® compact excavators are equipped with a durable tailgate, protected hydraulic lines, smarter hose routing and a redesigned workgroup.

Machine Protection

Bobcat® compact excavators are designed to prevent problems before they occur. Electronics meet or exceed military requirements for sealing, moisture, shock and vibration. Automatic glow plugs deliver easier starts and longer starter life, while battery run-down protection protects against vandals or forgetful operators.

Separable Cooling Cores

The cooling cores can be separated for quick, easy cleaning of the radiator.

Integrated Slew Brake

Integrated slew brakes hold your load steady on slopes for more accurate placement. It's easier to position the excavator, and you no longer need to manually engage the slew brake during transport.

Simple Machine Tie-Down

Get on and off the jobsite faster. Secure your load quickly, without searching for hard-to-reach tie-downs.

X-Frame Undercarriage

With better ground clearance, the X-frame undercarriage improves your performance in difficult conditions. Dirt and other debris easily pass through this undercarriage, making cleanup faster and leaving less debris on the trailers. The design places drive motors within the width of the tracks, protecting the assembly and improving agility in soft conditions. The recessed motor covers eliminate potential damage and improve your uptime on the job.

Serviceability ³

Panoramic Serviceability

With Bobcat® compact excavators, it's easy to make maintenance part of your routine. Perform preventative maintenance using Bobcat's industry-leading service access and simple checkpoints. Use your shop time to complete the job instead of gaining access. You'll complete essential maintenance as scheduled and reduce your operating costs.

Centralized Grease Bank

A centralized grease bank makes fast, simple work of lubricating the slew bearing and slew pinion. With the large opening, it's simple and easy to reach the well-protected grease cylinder fitting and complete track tensioning.

Training Resources

Train operators and technicians in the safe operating and servicing of Bobcat® equipment. Operator training courses, safety videos and other training materials are available at your Bobcat dealer's parts department or by visiting the training resources.

Attachment ²

Standard X-Change

The exclusive X-Change™ quick-tach mounting system (available on most models) provides multi-attachment capabilities. The mounting system maintains arm-to-bucket geometry for top breakout force. The system features two pins that engage hooks on your attachment, saving time and headaches when during attachment changes. It also simplifies loading and unloading buckets or attachments on a trailer. The design makes it easy to use the right attachment for the job at hand.

Attachment Versatility

With Bobcat® compact excavators, you're ready to expand your offerings and work beyond your traditional digging projects. Choose from more than a dozen attachments. Easily add a hydraulic clamp. Use the standard auxiliary quick couplers. Share many attachments with your Bobcat loader.

E27 Specifications

Show more

Similar Machines