



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

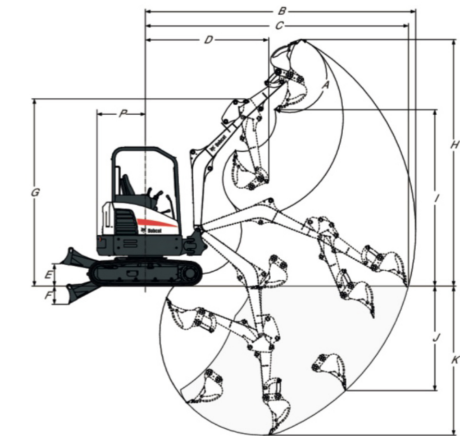
1550 mm dozer blade	Fingertip auxiliary hydraulic control
Steel tracks	Horn
Auto shift travel	Hydraulic joystick controls
Auxiliary hydraulics with quick couplers on boom	Retractable seat belt
Blade float feature	Suspension seat
Control console locks	TOPS/ROPS* canopy ¹
Cupholder	Two-speed travel
Engine/hydraulic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

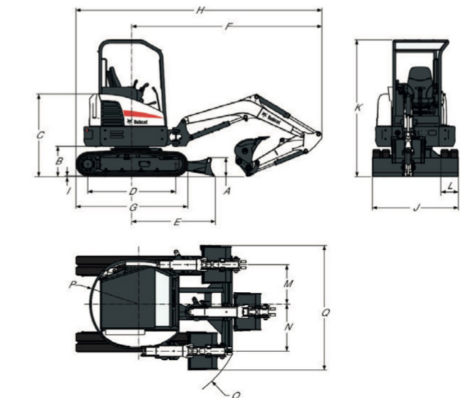
AC Cabin
Rubber tracks
Trenching Bucket 12" (0.045 m³)
Trenching Bucket 24" (0.07 m³)
Bucket Clamp

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		



Bobcat[®]
Doosan Bobcat India