



Bobcat®

COMPACT EXCAVATORS

E50

Operating Weight

4843 kg

Engine Power

36.4 kw

Bucket Capacity

0.15m³



Bobcat E50

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One Tough Animal®

E50 — SPECIFICATIONS

Weights

Operating weight (ISO 6016)	4843 kg
Ground pressure with rubber tracks	26.9 kPa

Engine

Make / Model	Kubota / V2403-M-D1-TE3B-BC-4 (iT4)
Fuel	Diesel
Number of cylinders	4
Displacement	2.4 L
Maximum power(SAE J1995)	36.4 kW (48.8 HP)
Maximum torque (SAE J1995)	183.0 Nm

Performance

Digging force, arm (ISO 6015)	29,997 N
Digging force, long arm (ISO 6015)	25,580 N
Digging force, bucket (ISO 6015)	39,930 N
Drawbar pull	52,343 N
Travel speed (low)	3.1 km/h
Travel speed (high)	5.0 km/h

Hydraulic System

Pump type	Single outlet variable displacement, piston pump with gear pumps
Pump capacity	138.5 L/min
Auxiliary flow	75.7 L/min
Auxiliary relief	210.0 bar

Swing System

Boom swing (left)	75.0°
Boom swing (right)	50.0°
Swing speed	9.0 RPM

Fluid Capacities

Cooling system	8.3 L
Engine lubrication plus oil filter	7.1 L
Fuel tank	79.9 L
Hydraulic system	54.9 L

Standard Features

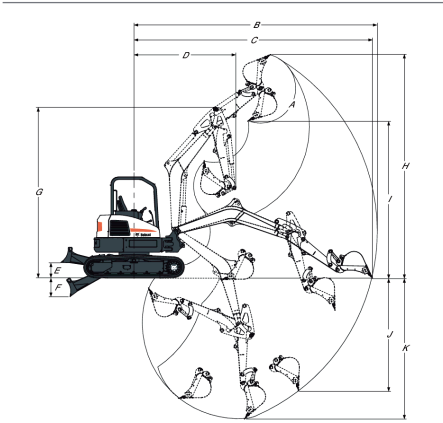
TOPS/ROPS/FOPS canopy ¹	Cupholder
1960 mm dozer blade	Auto shift travel
400 mm rubber tracks	Work light
Auxiliary hydraulics with quick couplers on boom	Engine auto shutdown
Auto shift travel	Key ignition
Horn	Auto idle
Hydraulic joystick controls	Joystick pattern selector
Retractable seat belt	Fingertip auxiliary hydraulic control
Vinyl suspension seat	Full fuel warning alarm

1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117.
Falling Object Protective Structure (FOPS) - Meets requirements of ISO 3449.

Options

TOPS/ROPS/FOPS cab with heater	Auxiliary hydraulics with quick couplers on arm
TOPS/ROPS/FOPS cab with heater and audio	Boom load holding valve
TOPS/ROPS/FOPS cab with air conditioner	X-change
TOPS/ROPS/FOPS cab with air conditioner and audio	Hydraulic pin grabber
Travel motion alarm	Hydraulics quick hitch ready
400 mm steel tracks	Beacon kit
Long arm	Mirror kit
Keyless Ignition	Additional work lights kit
Vinyl seat	Rubber bolt-on pads for steel tracks kit
Deluxe cloth suspension seat	FOGS kit (overhead guard)

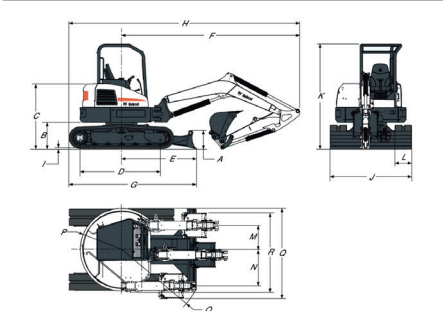
Working Range



(A)	185.0°	(G)	4269.0 mm
(B)	6062.0 mm	(H)	5595.0 mm
(B*)	6441.0 mm	(H*)	5850.0 mm
(C)	5939.0 mm	(I)	3924.0 mm
(C*)	6333.0 mm	(I*)	4179.0 mm
(D)	2541.0 mm	(J)	2815.0 mm
(D*)	2639.0 mm	(J*)	3199.0 mm
(E)	385.0 mm	(K)	3524.0 mm
(F)	465.0 mm	(K*)	3923.0 mm

* Long arm

Dimensions



(A)	446.0 mm	(J)	1960.0 mm
(B)	640.0 mm	(K)	2532.0 mm
(C)	1575.0 mm	(L)	400.0 mm
(D)	1998.0 mm	(M)	586.0 mm
(E)	1788.0 mm	(N)	872.0 mm
(F)	4294.0 mm	(O)	2027.0 mm
(F*)	4302.0 mm	(P)	997.0 mm
(G)	2523.0 mm	(P*)	1071.0 mm
(H)	5555.0 mm	(Q)	2074.0 mm
(H*)	5563.0 mm	(R)	1874.0 mm
(I)	25.0 mm		

* Long arm



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