



Bobcat®

COMPACT EXCAVATORS

E50 R

Operating Weight	5151 kg
Engine Power	36.5 kw
Bucket Capacity	0.15m ³



Bobcat E50

Scan the code to watch E50 R video

One Tough Animal®

E50 R — SPECIFICATIONS

Weights

Operating weight (ISO 6016)	5151 kg
Ground pressure with rubber tracks	29.0 kPa

Engine

Make / Model	Doosan / 1.8L Bobcat Engine (T4)
Fuel	Diesel
Number of cylinders	3
Displacement	1.8 L
Maximum power (SAE J1995)	36.5 kW (49.7 HP)
Maximum torque (SAE J1995)	182.5 Nm

Performance

Digging force, arm (ISO 6015)	31,078 N
Digging force, long arm (ISO 6015)	26,519 N
Digging force, bucket (ISO 6015)	42,307 N
Drawbar pull	50,131 N
Travel speed (low)	2.8 km/h
Travel speed (high)	4.5 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	7.6 L
Engine lubrication plus oil filter	6.3 L
Fuel tank	72.0 L
Hydraulic system	54.9 L

Standard Features

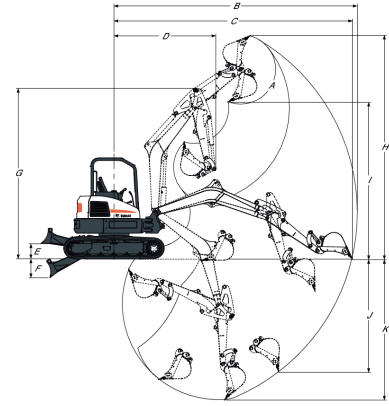
TOPS/ROPS/FOPS canopy ¹	Auto shift travel
1960 mm dozer blade	Work light
400 mm rubber tracks	Engine/hydraulic monitor with shutdown
Auxiliary hydraulics with quick couplers on boom	Key ignition
Horn	Auto idle
Hydraulic joystick controls	Joystick pattern selector
Retractable seat belt	Fingertip auxiliary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

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 air conditioner	Angle blade
TOPS/ROPS/FOPS cab with air conditioner and audio	Beacon kit
Travel motion alarm	Mirror kit
Long arm	Additional work lights kit
Deluxe cloth suspension seat	Rubber bolt-on pads for steel tracks kit
2nd auxiliary hydraulics with quick couplers on boom	Depth check kit

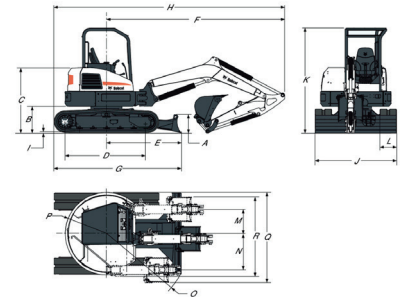
Working Range



(A)	186.0°	(G)	4273.0 mm
(B)	6028.0 mm	(H)	5552.0 mm
(B*)	6407.0 mm	(H*)	5808.0 mm
(C)	5889.0 mm	(I)	3915.0 mm
(C*)	6278.0 mm	(I*)	4170.0 mm
(D)	2540.0 mm	(J)	2417.0 mm
(D*)	2591.0 mm	(J*)	2789.0 mm
(E)	390.0 mm	(K)	3478.0 mm
(F)	547.0 mm	(K*)	3878.0 mm

* Long arm

Dimensions



(A)	422.0 mm	(J)	1960.0 mm
(B)	628.0 mm	(K)	2545.0 mm
(C)	1660.0 mm	(L)	400.0 mm
(D)	2004.0 mm	(M)	586.0 mm
(E)	1784.0 mm	(N)	872.0 mm
(F)	4300.0 mm	(O)	2027.0 mm
(F*)	4296.0 mm	(P)	1000.0 mm
(G)	3045.0 mm	(P*)	1071.0 mm
(H)	5300.0 mm	(Q)	1980.0 mm
(H*)	5368.0 mm	(R)	1972.0 mm
(I)	24.0 mm		

* Long arm



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