



**Bobcat®**

**E50**

Compact Excavators



**SMOOTH  
POWER  
BY BOBCAT**



## Standard Features

1960 mm dozer blade	Hom
400 mm rubber tracks	Hydraulic joystick controls
Auto idle	Lockable storage compartment
Auxiliary hydraulics with quick couplers	Radio/MP3 ready
Blade float feature	Retractable seat belt
Cab light	Suspension seat with high back
Clamp ready	* TOPS/ROPS cab with heating
Control console locks	Two-speed travel
Cupholder	Work lights (boom and upperstructure)
Engine/hydraulic monitor with shutdown	Warranty: 12 months, 2000 hours (Whichever occurs first)
Fingertip auxiliary and offset hydraulic control	

## Weights

Operating weight with ROPS canopy	— kg
Operating weight with ROPS cab	4905 kg
Additional weight for cab with heating	— kg
Additional weight for cab with HVAC	140 kg
Additional weight for steel tracks	131 kg
Additional weight for long dipperstick	235 kg

## Engine

Make / model	Kubota / V2403-M-D1-TE3B-BC-4
Fuel / Cooling	Diesel / Liquid, forced circulation
Bore / Stroke	87.1 mm / 102.4 mm
Maximum net power at 2200 RPM (SAE J1995)	35.4 kW
Maximum net torque at 1200 RPM (SAE J1995)	179.5 Nm
Number of cylinders	4
Displacement	2.433 l

## Performance

Digging force, standard dipperstick	28700 N
Digging force, long dipperstick	26100 N
Digging force, bucket	42000 N
Drawbar pull	52343 N
Ground pressure with standard dipperstick and rubber tracks	26.9 kPa
Ground pressure with standard dipperstick and steel tracks	27.6 kPa
Ground pressure with long dipperstick and rubber tracks	28.2 kPa
Ground pressure with long dipperstick and steel tracks	28.9 kPa
Travel speed, low range	3.1 km/h
Travel speed, high range	5.0 km/h
Maximum digging depth, standard dipperstick	3524 mm
Maximum digging depth, long dipperstick	3923 mm

## Hydraulic System

Pump type	Single outlet variable displacement, load sensing torque limited pump
Piston pump capacity	138.5 l/min
Auxiliary flow	75.7 l/min
Port relief pressure for boom, bucket and dipperstick circuits	290 Bar

## Fluid Capacities

Cooling system	8.3 l
Engine lubrication plus oil filter	7.1 l
Fuel reservoir	79.9 l
Hydraulic reservoir	15.1 l
Hydraulic system with bucket and dipper cylinder retracted, bucket on the ground, and blade down	54.9 l

## Controls

Steering	Direction and speed controlled by two pilot-operated hand levers or two foot pedals
Auxiliary hydraulics	Electric switch in right joystick (left joystick for 2 <sup>nd</sup> auxiliary)

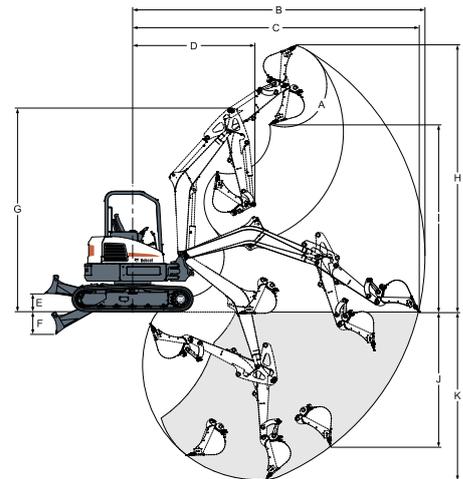
## Slew System

Boom swing, left	75°
Boom swing, right	50°
Slew rate	9.0 RPM

## Traction

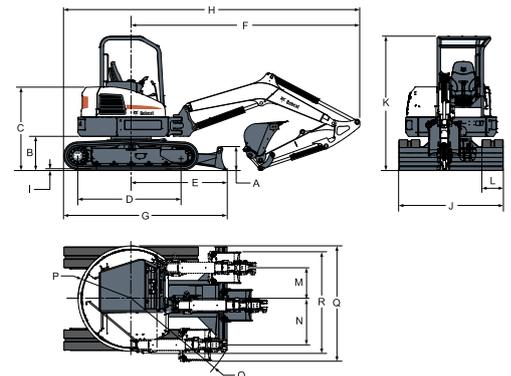
Track width	400 mm
Gradeability	30°

## Working Range



(B)	6441 mm	(G)	4263 mm	(I)	4179 mm
(C)	6333 mm	(H)	5850 mm	(J)	3199 mm
(D)	2639 mm	(E)	385 mm	(K)	3923 mm
(A)	185°	(F)	465 mm	(I)	3924 mm
(B)	6062 mm	(G)	4263 mm	(J)	2815 mm
(C)	5939 mm	(H)	5595 mm	(K)	3524 mm
(D)	2541 mm				

## Dimensions



(F)	4302 mm	(H)	5563 mm	(O)	2113 mm
(A)	446 mm	(G)	3049 mm	(M)	586 mm
(B)	640 mm	(I)	5555 mm	(N)	675 mm
(C)	1575 mm	(J)	25 mm	(P)	2027 mm
(D)	1998 mm	(K)	1960 mm	(Q)	997 mm
(E)	1788 mm	(L)	2532 mm	(R)	1071 mm
(F)	4294 mm	(M)	400 mm	(S)	2074 mm

## Options

Air conditioning (Cab with HVAC)	Lifting chain kit
Long dipperstick with extra counterweight	Travel motion alarm
2 <sup>nd</sup> Auxiliary hydraulics	400 mm Steel tracks
Deluxe textile suspension seat	Beacon kit
Boom safety valve with overload warning	Left and right mirror kit
Boom & arm safety valves with overload warning	Additional work light kit
AM/FM MP3 stereo radio	Rubber bolt-on pads for steel tracks
FOGS kit (Overhead guard)	Special applications kit (Front windscreen protection)

## Attachments

Auger	Digging bucket
Grading bucket	Tilt rotator
Hydraulic breaker	Tilt bucket / Swivel bucket
Hydraulic clamp	



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