



Bobcat®

E16

Compact Excavators



**SMOOTH
POWER
BY BOBCAT**



Standard Features

980 mm dozer blade	Retractable seat belt
230 mm rubber track	Spark arrester muffler
Double acting auxiliary hydraulics with quick couplers	* TOPS/ROPS canopy
Control console locks	Two-speed travel
Horn	Work lights
Hydraulic joystick controls	Warranty: 12 months, 2000 hours, whichever comes first

Weights

Operating weight with ROPS canopy	1515 kg
Additional weight for cab	129 kg
Additional weight for steel tracks	53 kg

Engine

Make / model	Kubota / D722-E2B-BC-5-SI
Fuel / Cooling	Diesel / Liquid
Bore / Stroke	67 mm / 68 mm
Maximum power at 2500 RPM (ISO 9249)	9.9 kW
Torque at 2000 RPM (SAE Net)	42.2 Nm
Number of cylinders	3
Displacement	0.72 l

Performance

Digging force, dipperstick	9560 N
Digging force, bucket	16640 N
Drawbar pull	20029 N
Ground pressure with rubber tracks	28.6 kPa
Travel speed	2.9 km/h
Travel speed, high range (option)	4.8 km/h
Maximum reach at ground level	4101 mm
Maximum reach at ground level, long dipperstick	4276 mm
Maximum dump height	2529 mm
Maximum dump height, long dipperstick	2656 mm
Maximum digging depth	2422 mm
Maximum digging depth	2602 mm

Hydraulic System

Pump type	Dual piston pump with gear pump
Pump 1 capacity	11.25 l/min
Pump 2 capacity	15.00 l/min
Pump 3 capacity	15.00 l/min
Total pump capacity	41.30 l/min
Auxiliary flow	30.0 l/min
Main relief valve pressure	227 bar

Fluid Capacities

Cooling system	5.7 l
Engine lubrication plus oil filter	3.5 l
Fuel reservoir	23.8 l
Hydraulic reservoir	11.2 l
Hydraulic system	23.5 l

Controls

Steering	Direction and speed controlled by two hand levers or foot pedals
Auxiliary hydraulics	Left-hand foot pedal
Hydraulics	Two joysticks control boom, bucket, dipperstick and upper structure slew

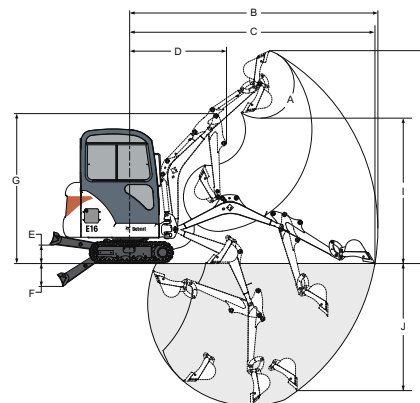
Slew System

Boom swing, left	80°
Boom swing, right	60°
Slew rate	8.1 RPM

Traction

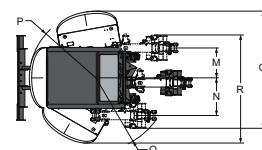
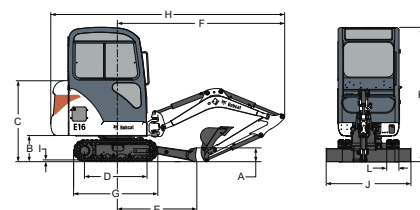
Track width, rubber, standard	230 mm
Gradeability travelling down or backing up slopes	30°

Working Range



(A)	196°	(E)	308 mm	(I)	2529 mm
(B)	4146 mm	(F)	368 mm	(J)	2139 mm
(C)	4101 mm	(G)	2564 mm	(K)	2422 mm
(D)	1567 mm	(H)	3616 mm		

Dimensions



(A)	210 mm	(G)	1472 mm	(M)	480 mm
(B)	435 mm	(H)	3925 mm	(N)	605 mm
(C)	1314 mm	(I)	23 mm	(O)	1192 mm
(D)	1114 mm	(J)	980 mm	(P)	1068 mm
(E)	1257 mm	(K)	2171 mm	(Q)	1873 mm
(F)	2856 mm	(L)	230 mm		

Options

TOPS/ROPS cab with heater	Cab/canopy light kit
Hydraulically retractable undercarriage from 1360 mm to 980 mm with two 190 mm blade extensions and long dipperstick	Cab enclosure, vinyl
Keyless ignition	Catalytic exhaust purifier kit
Travel motion alarm	FOPS kit
Steel tracks	Special applications kit

Attachments

Auger	Hydraulic breaker
Grading bucket	Trenching bucket



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