Bobcat®

COMPACT EXCAVATORS

E32i

Operating Weight	3329 kg
Engine Power	18.5 kw
Bucket Capacity	0.1m^3

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One Tough Animal®

E32i — SPECIFICATIONS

Weights

Operating weight (ISO 6016)	3329 kg
Ground pressure	32.2 kPa

Engine

Make / Model	Kubota / D1703-M-D1-E4B-BC-2 (Tier 4)
Fuel	Diesel
Number of cylinders	3
Displacement	1.6 L
Maximum power (SAE J1995)	18.5 kW (24.8 HP)
Maximum torque (SAE J1995)	97.4 Nm

Performance

Digging force, arm (ISO 6015)	20,413 N
Digging force, long arm (ISO 6015)	17,734 N
Digging force, bucket (ISO 6015)	30,995 N
Drawbar pull	34,132 N
Travel speed (low)	2.6 km/h
Travel speed (high)	4.7 km/h

Hydraulic System

Pump type	Single outlet variable displacement piston pump with gear pumps
Piston pump capacity	92.4 L/min
Auxiliary flow	63.9 L/min
Auxiliary relief	206.0 bar

Swing System

Boom swing (left)	75.0°
Boom swing (right)	55.0°
Swing speed	8.6 RPM

Fluid Capacities

Cooling system	8.0 L
Engine oil and filter	5.2 L
Fuel tank	52.0 L
Hydraulic system	39.7 L

Standard Features

TOPS/ROPS/FOPS canopy[1]	Cupholder
1550 mm dozer blade	Auto shift travel
300 mm rubber tracks	Work light (boom mounted)
Auxiliary hydraulics with quick couplers on boom	Engine/hydraulic monitor with shutdown
Control console locks	Key ignition
Horn	Auto idle
Hydraulic joystick controls	Joystick pattern selector
Retractable seat belt	Fingertip auxiliary hydraulic control
Vinyl suspension seat	

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	X-change
TOPS/ROPS/FOPS cab with air conditioner and audio	Hydraulic pin grabber
Travel motion alarm	Hydraulic quick hitch ready
Steel tracks	Mirror kit
Long arm	Beacon kit
Extendable arm	Additional work lights kit
Keyless ignition	Rubber bolt-on pads for steel tracks kit
Deluxe cloth suspension seat	Depth check kit

Working Range

(A)	185.0°	(G)	3708.0 mm
(B)	5101.0 mm	(H)	4804.0 mm
(B*)	5383.0 mm	(H*)	4985.0 mm
(B**)	5865.0 mm	(H**)	5261.0 mm
(C)	4980.0 mm	(I)	3437.0 mm
(C*)	5270.0 mm	(I*)	3618.0 mm
(C**)	5762.0 mm	(I**)	3873.0 mm
(D)	2017.0 mm	(J)	2136.0 mm
(D*)	2077.0 mm	(J*)	2414.0 mm
(D**)	2198.0 mm	(J**)	2760.0 mm
(E)	382.0 mm	(K)	3117.0 mm
(F)	456.0 mm	(K*)	3417.0 mm
		(K**)	3932.0 mm

* Long arm
** Extendable arm

Dimensions

(A)	324.0 mm	(I)	25.0 mm
(B)	540.0 mm	(J)	1550.0 mm
(C)	1557.0 mm	(K)	2443.0 mm
(D)	1542.0 mm	(L)	300.0 mm
(E)	1528.0 mm	(M)	371.0 mm
(F)	3537.0 mm	(N)	554.0 mm
(F*)	3546.0 mm	(O)	1623.0 mm
(F**)	3552.0 mm	(P)	1125.0 mm
(G)	1970.0 mm	(Q)	1982.0 mm
(H)	4661.0 mm		
(H*)	4761.0 mm		
(H**)	4766.0 mm		

* Long arm
** Extendable arm

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.

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