



COMPACT EXCAVATORS E34



One Tough Animal®

E34 — SPECIFICATIONS

Weights

Operating weight with cab and bucket (ISO 6016)	3476 kg
Transport mass (no attachment)	3312 kg
Weight reduction with canopy	-118 kg
Additional weight for cab with HVAC	19 kg
Additional weight for steel tracks	96 kg
Additional weight for long dipperstick	12 kg
Additional weight for heavy counterweight	291 kg
Ground pressure with rubber tracks	33.60 kPa

Engine

Make / model	Kubota / D1703-M-D1-E4B-BC-2
Fuel	Diesel
Number of cylinders	3
Displacement	1642 cm ³
Maximum power @ 2200 rpm (ISO 14396)	18.2 kW
Maximum torque (SAE)	97.4 Nm

Performance

Digging force, dipperstick (ISO 6015)	20790 N
Digging force, long dipperstick (ISO 6015)	18010 N
Digging force, bucket (ISO 6015)	33430 N
Drawbar pull	34132 N
Travel speed, low range	2.6 km/h
Travel speed, high range	4.7 km/h

Hydraulic System

Pump type	Single outlet variable displacement, load sensing torque pump with gear pumps
Total hydraulic capacity	101.20 L/min
Auxiliary flow	63.90 L/min
Auxiliary relief	206.0 bar

Slew System

Boom swing, left	75.0°
Boom swing, right	55.0°
Slew rate	8.6 RPM

Fluid Capacities

Cooling system	8.00 L
Engine lubrication plus oil filter	5.20 L
Fuel reservoir	52.00 L
Hydraulic reservoir	8.30 L
Hydraulic system	39.70 L

Environmental

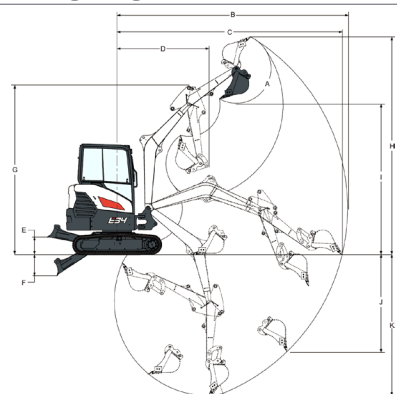
Noise level LpA(EU Directive 2006/42/EC)	77 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	94 dB(A)
Whole body vibration (ISO 2631-1)	0.11 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.34 ms ⁻²

Standard Features

1550 mm dozer blade	Hydraulic joystick controls
300 mm rubber tracks	Machine IQ (telematic)
Adjustable double acting auxiliary hydraulic (AUX1) with Quick Couplers	Proportional fingertip auxiliary and boom swing offset hydraulic control
Battery disconnect switch	Retractable seat belt
Blade float feature	Suspension seat with high back
Clamp ready	Storage compartment
Control console locks	TOPS/ROPS/FOPS canopy * 1
Cupholder	Two-speed travel with Auto shift
Engine/hydraulic monitor with shutdown	Upper structure four-point tie down
Foldable and ergonomic pedals	Water separator
Full fuel warning alarm	Work light (boom)
Horn	Warranty: 24 months, 2000 hours (whichever occurs first)

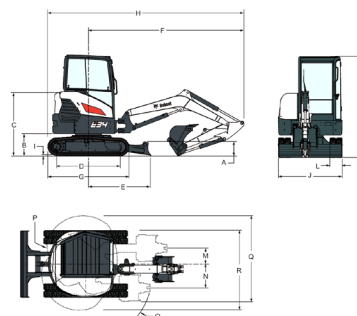
1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117. Falling Object Protective Structure (FOPS) – Meets requirements of ISO 3449.

Working Range



Values marked with * - Long dipperstick	
(A) 185.0°	(G) 3708.0 mm
(B) 5101.0 mm	(H) 4804.0 mm
(B) 5383.0 mm	(H*) 4985.0 mm
(C) 4980.0 mm	(I) 3340.0 mm
(C*) 5270.0 mm	(I*) 3521.0 mm
(D) 2017.0 mm	(J) 2136.0 mm
(D*) 2077.0 mm	(J) 2414.0 mm
(E) 382.0 mm	(K) 3117.0 mm
(F) 456.0 mm	(K*) 3417.0 mm

Dimensions



Values marked with * - Long dipperstick	
(A) 322.0 mm	(J) 1550.0 mm
(B) 540.0 mm	(K) 2468.0 mm
(C) 1557.0 mm	(L) 300.0 mm
(D) 1542.0 mm	(M) 371.0 mm
(E) 1528.0 mm	(N) 554.0 mm
(F) 3787.0 mm	(O) 1623.0 mm
(G) 1970.0 mm	(P) 1125.0 mm
(H) 4661.0 mm	(P*) 1215.0 mm
(H*) 4761.0 mm	(Q) 1982.0 mm
(I) 25.0 mm	(R) 1855.0 mm

Options

1st AUX hydraulic on arm	Heavy counterweight
2nd AUX hydraulics (boom, arm)	Hydr. coupler lines (AUX5)
Air conditioning (Cab with HVAC)	Keyless ignition
AM/FM MP3 stereo radio	Klacc D coupler
Additional lights (2+1)	LED lights set
Auto idle	Left and right mirror
Beacon	Long dipperstick with clamp eyes
Bobcat hydr. pin grabber	MS03 coupler
Clamp with AUX1 diverter	Object handling device (safety valves + overload warning device + lifteye)
Case drain line	Special applications kit
Direct-to-tank-AUX1 line	Steel tracks
Dlx textile suspension seat	TOPS/ROPS/FOPS cab with heater
Fire extinguisher	Travel motion alarm



Bobcat is a Doosan Company.

Doosan is a global leader in construction equipment, power & water solutions, engines, and engineering proudly serving customers and communities for more than a century. | Bobcat and the Bobcat logo are registered trademarks of Bobcat Company in the United States and various other countries.
©2019 Bobcat Company. All Rights Reserved.



Bobcat®

www.bobcat.com

