

E35

Excavators

Specifications

We	ights	ò

Operating weight with standard bucket, excluding operator	3349 kg
Additional weight for cab with heating	121 kg
Additional weight for cab with HVAC	140 kg
Additional weight for long dipperstick	306 kg
Ground pressure with rubber tracks	28.60 kPa

Engine Make / model

Fuel	Diesell
Number of cylinders	3
Displacement	1862 cm ³
Maximum NET power (ISO 9249)	23.1 kW
Maximum NET torque (ISO 9249)	107.4 Nm

Performance

Digging force, dipperstick (ISO 6015)	21000 N
Digging force, long dipperstick (ISO 6015)	18320 N
Digging force, bucket (ISO 6015)	31500 N
Drawbar pull	34034 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	
	limited pump	
Piston pump capacity	100.80 L/min	
Auxiliary flow	63.90 L/min	

Kubota / D1803-M-D1-E3B-BC-3

Slew System

Boom swing, left	11
Boom swing, right	55°
Slew rate	8.6 RPM

Fluid Capacities

Cooling system	8.00 L
Engine lubrication plus oil filter	5.20 L
Fuel reservoir	53.10 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)	0.14 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.44 ms ⁻²

Standard Features

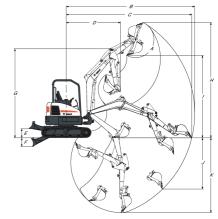
1750 mm dozer blade

320 mm rubber tracks	Fingertip auxiliary hydraulic control
Auto idle	Horn
Auto shift travel	Full fuel warning alarm
Auxiliary hydraulics with Quick Couplers	Hydraulic joystick controls
Selectable auxiliary hydraulic flow	Retractable seat belt
Blade float feature	Suspension seat with high back
Cab light	TOPS/ROPS* canopy 1
Clamp ready	Two-speed travel
Control console locks	Work lights (boom and upperstructure)
Cupholder	Warranty: 12 months, 2000 hours (whichou

Cupholder Warranty: 12 months, 2000 hours (whichever occurs first)

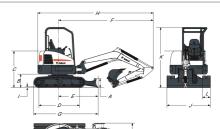
1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117.

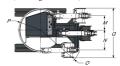
Working Range



(A)	185°	(G)	3708.0 mm
(B)	5351.0 mm	(H)	4804.0 mm
(B)	5633.0 mm	(H*)	4985.0 mm
(C)	5230.0 mm	(I)	3437.0 mm
(C*)	5520.0 mm	(I*)	3618.0 mm
(D)	2267.0 mm	(J)	2136.0 mm
(D*)	2327.0 mm	(J)	2414.0 mm
(E)	376.0 mm	(K)	3117.0 mm
(F)	371.0 mm	(K*)	3417.0 mm

Dimensions





(A)	350.0 mm	(J)	1750.0 mm
(B)	537.0 mm	(K)	2429.0 mm
(C)	1473.0 mm	(L)	320.0 mm
(D)	1647.0 mm	(M)	575.0 mm
(E)	1546.0 mm	(N)	795.0 mm
(F)	3787.0 mm	(O)	1788.0 mm
(G)	2068.0 mm	(P)	875.0 mm
(H)	4820.0 mm	(Q)	1982.0 mm
(H*)	4829.0 mm	(R)	1762.0 mm
(I)	23.0 mm		

Options

Air conditioning
TOPS/ROPS cab with
heater
Long dipperstick
2nd Auxiliary hydraulics
Deluxe textile suspension
seat
Boom safety valve with
overload warning
Boom & arm safety valves
with overload warning
AM/FM stereo radio
FOGS kit (Overhead guard)

Lifting chain kit
Travel motion alarm
Steel tracks
Beacon kit
Left and right mirror kit
Additional work light kit
Rubber bolt-on pads for
steel tracks
Special applications kit
Fuel filter with transparent
water separator

Engine/hydraulic monitor with shutdown