

E35 | Excavators

Specifications

Weights

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

Slew System

Boom swing, left	77°
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

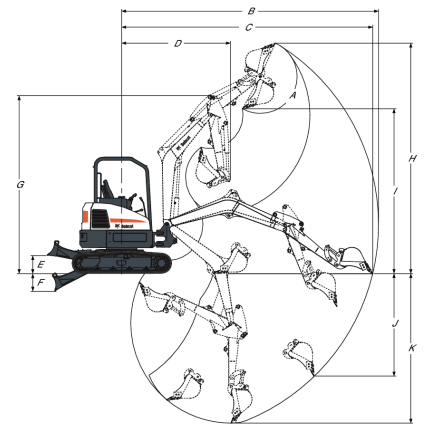
Noise level LpA(EU Directive 2006/42/EC)	77 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	94 dB(A)
Whole body vibration (ISO 2631-1)	0.14 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.44 ms ⁻²

Standard Features

1750 mm dozer blade	Engine/hydraulic monitor with shutdown
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 (whichever occurs first)

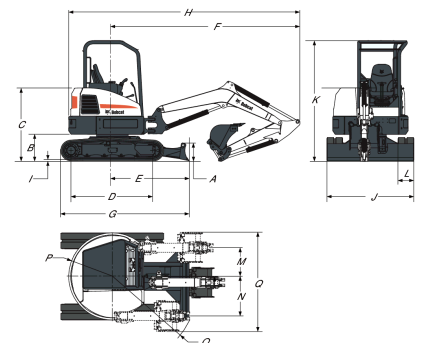
1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117.

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	Lifting chain kit
TOPS/ROPS cab with heater	Travel motion alarm
Long dipperstick	Steel tracks
2nd Auxiliary hydraulics	Beacon kit
Deluxe textile suspension seat	Left and right mirror kit
Boom safety valve with overload warning	Additional work light kit
Boom & arm safety valves with overload warning	Rubber bolt-on pads for steel tracks
AM/FM stereo radio	Special applications kit
FOGS kit (Overhead guard)	Fuel filter with transparent water separator