



# Bobcat®

## 329

### Compact Excavators



**Weights**

Operating weight with ROPS canopy	3220 kg
Additional weight for cab with heater	119 kg
Additional weight for cab with HVAC	141 kg
Additional weight for steel tracks	72 kg

**Engine**

Make / model	Kubota / D1703-M-E2B-BOBCAT-1
Fuel / Cooling	Diesel / Liquid
Maximum power at 2200 RPM (ISO 9249)	20.6 kW
Torque at 1500 RPM (ISO 9249)	103.4 Nm
Number of cylinders	3
Displacement	1.7 l
Bore / Stroke	87.0 mm / 92.4 mm
Alternator	12 V — 40 A
Starter	12 V — 2.0 kW

**Controls**

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

**Hydraulic System**

Pump type	Dual-outlet variable displacement piston pump with gear pumps
Pump 1 capacity	26.5 l/min at 2400 RPM
Pump 2 and 3 capacity	26.5 l/min at 2400 RPM
Auxiliary flow	53 l/min
System relief pressure for bucket, arm, boom, aux	172 Bar
System relief pressure for blade circuit	265 Bar
Control valve	Ten spool, parallel series type open centre

**Performance**

Digging force, dipperstick	17157 N
Digging force, bucket	30639 N
Drawbar pull	36898 N
Ground pressure with canopy and rubber tracks	28.7 kPa
Ground pressure with cab and rubber tracks	—
Travel speed, low range	1.93 km/h
Travel speed, high range	3.06 km/h
Maximum digging depth	3102 mm

**Slew System**

Boom swing, left	90°
Boom swing, right	50°
Slew circle	Single row shear-type ball bearings with internal gear
Slew drive	Orbit motor
Slew rate	9.3 RPM

**Traction**

Track width, rubber, standard	320 mm
Number of track rollers per side	4
Gradeability	30°

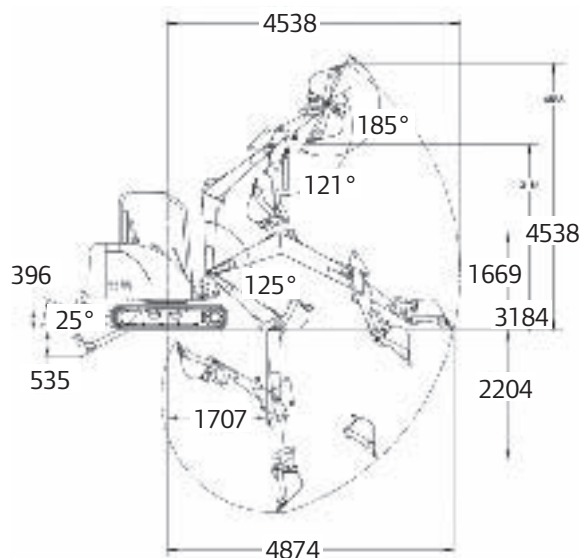
**Brakes**

Travel brake	Hydraulic lock on motor
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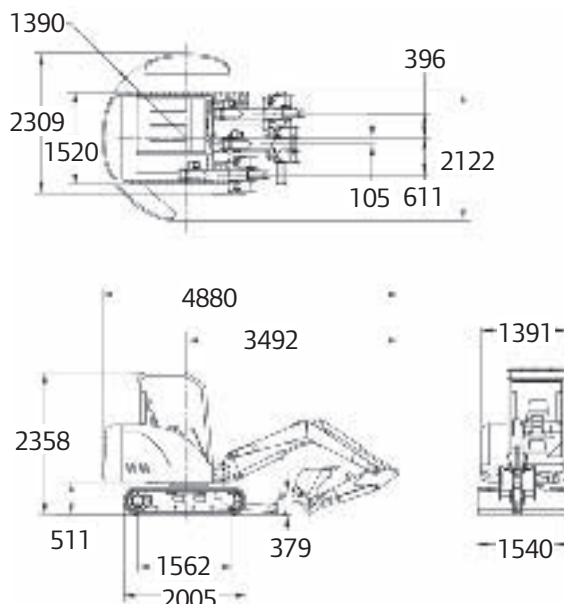
Slew brake Hydraulic lock on motor and pin lock

**Fluid Capacities**

Cooling system	5.2 l
Engine lubrication plus oil filter	5.4 l
Fuel reservoir	46.6 l
Hydraulic reservoir	29.5 l
Hydraulic system	44.0 l

**Working Range**

All dimensions in mm.

**Dimensions**

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