



Bobcat®

E80 Articulated Boom

Compact Excavators



Standard Features

2300 mm dozer blade	Consoles with forwards/backwards adjustable displacement
450 mm steel track	Boom load holding valve
Engine/hydraulic monitor with shutdown	Harness for rotating beacon
Fingertip auxiliary hydraulic controls	Fully adjustable air conditioning
Control console locks	Overload warning device
Hydraulic joystick controls	Sun visor
Two-speed travel	Left rear view mirror
Storage compartment	Electric refueling pump
Horn	Auto idle
Three work lights	Second auxiliary hydraulic line (Rotation piping)
Seat belt	Warranty: 12 months, 2000 hours
Adjustable suspension seat with high back and lumbar support	

Weights

Operating weight with cab	9300 kg
Reduction for rubber tracks	50 kg

Engine

Make / Model	Yanmar / 4TNV98-ZWDB8
Fuel / Cooling	Diesel / Liquid
Bore / Stroke	98 mm / 110 mm
Maximum power at 2000 RPM (DIN 6271)	40.4 kW
Maximum torque at 1300 RPM	227–248 Nm
Number of cylinders	4
Displacement	3.3 l

Performance

Digging force	40900 N
Digging force, bucket	54600 N
Drawbar pull	60800 N
Travel speed, low range	2.9 km/h
Travel speed, high range	4.6 km/h
Maximum digging depth	4105 mm

Hydraulic System

Pump type	One engine-driven tandem axial piston pump and one engine-driven gear pump
Piston pump capacity	144 l/min
Gear pump capacity	22 l/min
Auxiliary flow	120 l/min
System relief pressure for implement and travel circuits	280 Bar

Fluid Capacities

Cooling system	4.2 l
Engine lubrication plus oil filter	11.6 l
Fuel reservoir	110.0 l
Hydraulic reservoir	87.0 l

Hydraulic system with bucket and dipper cylinder retracted, bucket on the ground, and blade down 127 l

Controls

Steering	Direction and speed controlled by two hand levers or two foot pedals.
Auxiliary hydraulics	Electronic switch on the right hand joystick and foot pedal on the right side.
Second auxiliary hydraulics	Two electronic switches on the left hand joystick

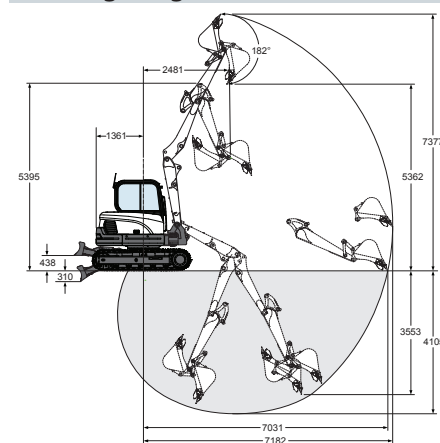
Slew System

Boom swing, left	70°
Boom swing, right	55°
Slew rate	9.6 RPM

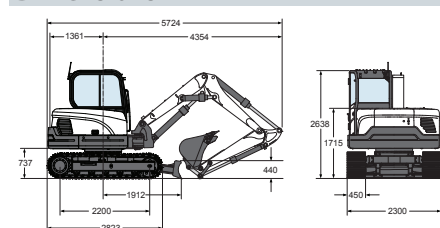
Traction

Track width	450 mm
Gradeability	25°

Working Range



Dimensions



Options

- Rubber tracks
- Third auxiliary hydraulic line (Clamshell piping)

Attachments

- Auger
- Digging bucket
- Ditching bucket
- Hydraulic breaker
- Hydraulic clamp
- Tiltable bucket

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.

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