



Bobcat®

E60 - E80

Compact Excavators



Courtesy of MachineMarket

Power it up and smooth it down

■ The power to do more

On your construction site, more power means getting more done, faster and with greater efficiency. The Bobcat E60 and E80 compact excavators offer you the power you need for all kinds of jobs. When digging, dumping, backfilling, grading, demolition and more, they offer capacity, force and reach.

All this power comes in the conveniently compact size you expect from a Bobcat machine. Zero tail swing allows you to manoeuvre with maximum freedom – no more worries about damaging the tail when operating in tight spaces.



■ The efficiency to do better

All this power doesn't mean a rough ride, though. The E60 and E80 deliver smooth hydraulic function control, combined with all the hydraulic performance you need. And you can be sure of precise control for any task, without sacrificing cycle times or breakout forces.

Bobcat power doesn't mean high fuel consumption, either. In fact, the electronic controls and auto idle features incorporated in the E60 and E80 actually reduce fuel consumption.

■ The flexibility to do it all

Today's excavators are multi-purpose all-rounders on the worksite. And Bobcat offers attachments for all your compact excavator tasks, from buckets and breakers, to augers for drilling and hydraulic clamps for lifting.

With their superior digging and pulling force, the Bobcat E60 and E80 take care of the most demanding jobs, even on hard ground or slopes. You get top performance on any site.



Count on quality

■ Reliability: the habit of a lifetime

At Bobcat, we're proven pioneers in designing machines that won't let you down. Top quality materials, the most advanced computer-aided design and endurance testing under the most demanding conditions ensures your excavator will keep on performing.



Every feature helps you work better

A reinforced X-chassis provides strength, while the optimized boom shape ensures uniform load distribution for more durability. Advanced hydraulics mean hassle-free, leak-free operation. The result – more uptime, longer parts lifetime and more productivity, all at less cost. Your excavator will give you years of reliability, and retain a high residual value.



Comfort and control

■ Greater comfort, greater productivity

When you're comfortable, you can work better and for longer. In other words, you're more productive. That's why we focus on creating maximum cab comfort ① – more space and leg room, less noise and vibration. The quiet and powerful air conditioning is as easy to use as in a car and maintains a constant temperature throughout the cab. Special touches, like the adjustable seat and lumbar support, and a console that can be adjusted separately from the seat, let you find the perfect position for working efficiently, with less fatigue.

■ Focusing on the task at hand

You'll also be able to concentrate fully on the job thanks to Bobcat's ergonomically designed controls. Conveniently placed, they are smooth and easy, allowing precision control. Features like the electric refuelling pump reduce time and effort spent on secondary tasks. The panel ② on the dashboard lets you check the machine status at a glance, without taking your attention off the work, while the 360° visibility from the cab improves both efficiency and safety.



Easy to service

When your machine needs cleaning and maintenance, you'll have them completed in next to no time. We've made access to all the components straightforward, so servicing is quick and the components are better maintained.

We have also extended the greasing interval for the workgroup pins to 250 hours, which means less downtime and lower maintenance costs.

You hold all the cards

■ E60

- zero tail swing
- smooth machine control
- increased fuel efficiency
- optimum operator comfort
- tiltable cab
- superior swing torque to work on slopes
- easy transportability.



■ E80

- zero tail swing
- smooth machine control
- increased fuel efficiency
- higher lifting capacity
- greater drawbar pull
- optimum operator comfort
- 2nd aux. line (rotation piping)
- tiltable cab.



■ These top-of-the-line compact excavators include a host of standard equipment:

- Cab with work lights
- Air conditioning
- Steel tracks
- Safety valve in the boom
- Overload warning device
- Electric refuelling pump
- Auto-idle
- Fully adjustable suspension seat
- Side mirror
- Audio ready
- Harness for rotating beacon
- Sun visor.



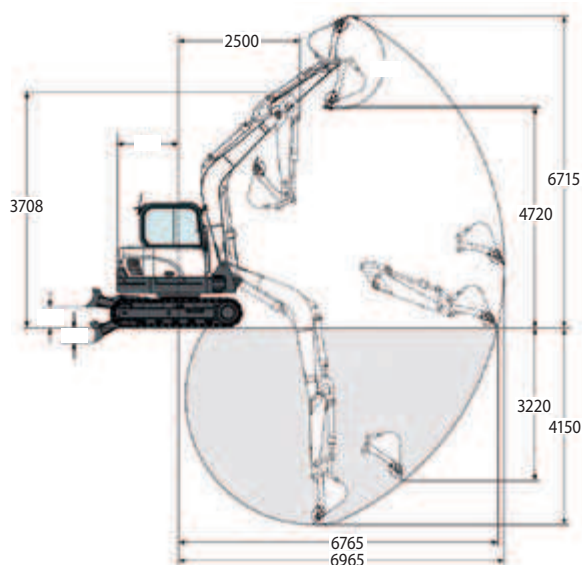
To make sure your compact excavator is just right for your needs, we also offer options and attachments:

- Long arm and extra counterweight
- Rubber tracks
- Arm safety valve
- 2nd aux. line (rotation piping) (standard on the E80)
- 3rd aux. line (clamshell piping)
- Buckets for digging and ditching
- Tilt bucket
- Clamshell bucket
- Breaker
- Auger
- Klac and Lehnhoff coupling systems.

	E60	E80
Weights		
Operating weight with ROPS cabin	6025 kg	8380 kg
Additional weight for long dipperstick	115 kg	58 kg
Reduction for rubber tracks	150 kg	50 kg
Engine		
Make / Model	Yanmar / 4TNV98-ESDB6	Yanmar / 4TNV98-ZWDB8
Fuel / Cooling	Diesel / Liquid	
Maximum power at 2200 RPM (DIN 6271)	37.3 kW	40.4 kW
Maximum torque at 1400 RPM	189-206 Nm	227-248 Nm
Number of cylinders	4	
Displacement	3310 cm ³	
Bore / Stroke	98 mm / 110 mm	
Alternator	12 V — 60 A	
Starter	12 V — 3.0 kW	
Controls		
Steering	Direction and speed controlled by two hand levers or two foot pedals	
Hydraulic System		
Pump type	One engine-driven tandem axial piston pump and two engine-driven gear pumps	One engine-driven tandem axial piston pump and one engine-driven gear pump
Total pump capacity	144.1 l/min	-
Piston pump capacity	2x 49.3 l/min	144 l/min
Gear pump capacity	35.6 + 9.9 l/min	22 l/min
Auxiliary flow	52.5 l/min	120 l/min
Control valve	12 spool	10 spool
Performance		
Digging force, standard dipperstick	26000 N	40900 N
Digging force, long dipperstick	22600 N	34100 N
Digging force, bucket	39900 N	54600 N
Drawbar pull	— N	— N
Travel speed, low range	2.07 km/h	2.9 km/h
Travel speed, high range	3.9 km/h	4.6 km/h
Maximum digging depth, standard dipperstick	3725 mm	4150 mm
Maximum digging depth, long dipperstick	4145 mm	4675 mm
Slew System		
Boom swing, left	70°	
Boom swing, right	50°	
Slew circle	Row shear-type ball bearings with internal gear	
Slew drive	Axial piston motor with brake	
Slew rate	9.6 RPM	
Traction		
Track width	400 mm	450 mm
Number of track rollers per side	1 top, 5 bottom	
Gradeability	25°	
Brakes		
Travel brake	Spring applied, hydraulically released, multidisk brake	
Slew brake	Spring applied, hydraulically released, multidisk brake	
Fluid Capacities		
Cooling system	4.2 l	
Engine lubrication plus oil filter	11.6 l	
Fuel reservoir	78.0 l	110.0 l
Hydraulic reservoir	65.0 l	87.0 l
Hydraulic system with bucket and dipper cylinder retracted, bucket on the ground, and blade down	100 l	127 l

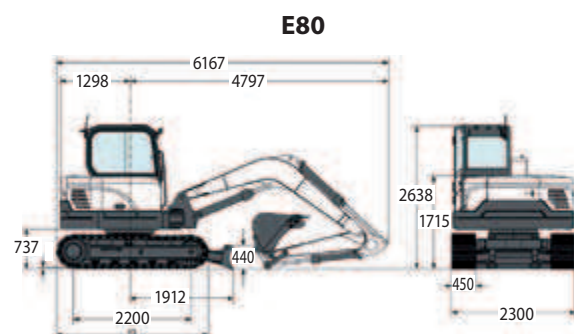
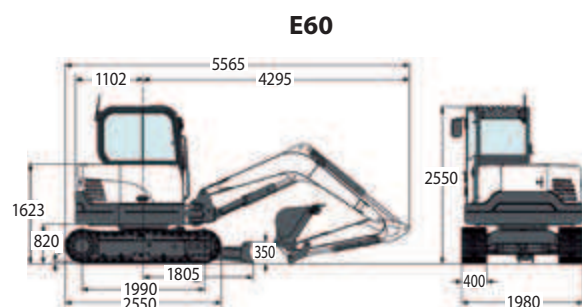
Working Range

All dimensions in mm.



Dimensions

All dimensions in mm.



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

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