



**E55W** | Wheeled Excavator



# Dig the power!

## ■ The balance of performance and efficiency

Unearth all the benefits of the Bobcat E55W wheel excavator! Thanks to the perfect combination between the powerful engine and the high-tech hydraulic system, your operational efficiency will soar at any worksite – even on slopes. And there's no trade-off between the superior digging, pulling and traction forces versus the fuel economy: you get it all!

## ■ Remain steady, easy does it

With the boom swing, you can work in narrow spaces while the suspension locking system and the balanced weight distribution offer you superior stability.

- Superior digging, pulling and traction forces ①
- Powerful engine ② and fast travelling motor
- Low fuel consumption (RPM dial / auto idle) ③
- Suspension lock ④
- Long dipperstick and twin tyres options



# Withstanding the test of time

## ■ We go to extremes

Bobcat machines are tried-and-true, and we'll go to extreme lengths to ensure this. Building on computer-assisted design and durable materials, we test our machines under tougher conditions than you'll ever actually face to make sure you can keep the overall lifetime operating costs down.

## ■ Durability features

- Excellent ground clearance
- Tail protected by cast counterweight
- High quality components
- Higher resale value



# No stone left unturned to maximize safety and comfort

## ■ Comfort all around

Like all Bobcat machines, the E55W offers you more than its size would suggest. The surprisingly spacious operator area includes a wide range of ergonomically-designed controls, so you can keep going for longer, and get more done more quickly.

## ■ Comfort features

- Heating and air conditioning
- Spacious cab
- Low noise level
- Adjustable seat and consoles
- Panoramic view
- Electric refilling fuel pump
- Adjustable steering column

## ■ Your safety is our priority

All Bobcat excavators include the latest and best safety features to help avoid accidents on your worksite. The E55W is no exception!

## ■ Safety features

- TOPS/ROPS cab
- Seatbelt
- Boom and dozer blade safety valves
- Overload warning device
- Side and rear mirrors
- 3 work lights (2 on the boom and 1 on the roof) and 2 travel lights for superior view of the working area



Work in any weather in this comfortable and ergonomic air conditioned cab with panoramic view for safe operation.



Monitor panel



HVAC



Auxiliary lines



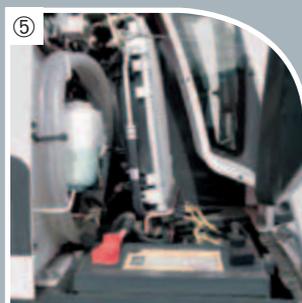
Large pedals

# Maintaining your advantage

We've integrated the most advanced technology into the E55W excavator, to make sure that you can maintain its powerful performance effortlessly. Convenient maintenance check points and good access to all major components ensure that the E55W remains at your service.



- Reinforced undercarriage ①
- Electric refilling pump ②
- Full access to control valve ③
- Toolbox ④
- Easy access to battery and radiator ⑤



You can easily reach routine maintenance service points, including filters and air bleeding system, thanks to the large tail gate and the transversely mounted engine.

## Standard Features

1920 mm dozer blade	Storage compartment
2000 mm dipperstick	Horn
Boom load holding valve	Work and travel lights
Dozer blade safety valve	Seat belt
Fully adjustable air conditioning	TOPS/ROPS cabin*
Adjustable suspension seat with high back and lumbar support	Harness for rotating beacon
Consoles with forwards/backwards adjustable displacement	Overload warning device
Steering column with adjustable angle	Sun visor
Second auxiliary hydraulic line (Rotation piping)	Two left and one right rear view mirrors
Fingertip auxiliary hydraulic controls	Electric refueling pump
Control console locks	Auto idle
Hydraulic joystick controls	Warranty: 12 months or 2000 hours (whichever comes first)
Two-speed travel	

## Weights

Operating weight with canopy	— kg
Operating weight with ROPS cab	5550 kg
Additional weight for twin tires	360 kg
Additional weight for long dipperstick	20 kg

## Engine

Make / model	Yanmar / 4TNV98-EPDBW
Fuel / Cooling	Diesel / Water
Bore / Stroke	98 mm / 110 mm
Maximum power at 2400 RPM (SAE J1349)	40.8 kW
Maximum torque at 1550 RPM (SAE Net)	206 Nm
Number of cylinders	4
Displacement	3.3 l

## Performance

Digging force, standard dipperstick	27000 N
<b>Digging force, long dipperstick</b>	24000 N
Digging force, bucket	41000 N
Drawbar pull	31000 N
Ground pressure with tires	— kPa
Travel speed, low range	10.0 km/h
Travel speed, high range	30.0 km/h
Maximum digging depth, standard dipperstick	3495 mm
Maximum digging depth, long dipperstick	3795 mm

## Hydraulic System

Pump type	Two engine-driven piston pumps and two engine-driven gear pumps
Total pump capacity	180.3 l/min
Piston pump capacity	2 x 60 l/min
Gear pump capacity	38.9 + 21.4 l/min
Auxiliary flow	52.5 l/min
System relief pressure for implement and travel circuits	230 bar

## Fluid Capacities

Cooling system	10.0 l
Engine lubrication plus oil filter	11.6 l
Fuel reservoir	120.0 l
Hydraulic reservoir	72.0 l
Hydraulic system with bucket and dipper cylinder retracted, bucket on the ground, and blade down	147.8 l

## Controls

Steering	Direction control by steering wheel and speed governed by foot pedal on the right hand side.
Auxiliary hydraulics	Electronic switch on the right hand joystick.
Second auxiliary hydraulics	Foot pedal on the left hand side.

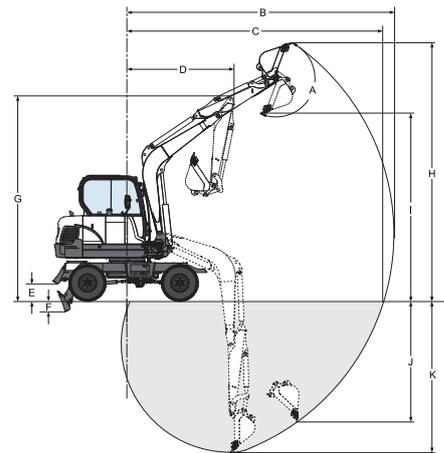
## Slew System

Boom swing, left	80°
Boom swing, right	50°
Slew rate	8.7 RPM

## Traction

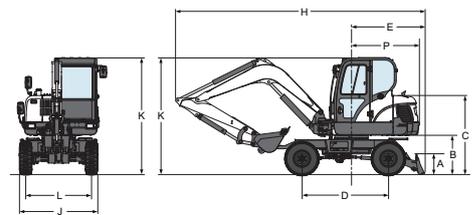
Tread width	1600 mm
Gradeability	25°

## Working Range



(A) 180°	(E) 420 mm	(I) 4455 mm
(B) 6400 mm	(F) 205 mm	(L) 4265 mm
(B) 6110 mm	(G) 4665 mm	(K) 3795 mm
(C) 6190 mm	(G) 4665 mm	(K) 3495 mm
(C) 5980 mm	(H) 6170 mm	
(D) 1990 mm	(H) 5980 mm	
(D) 1980 mm		

## Dimensions



(A) 500 mm	(H) 6120 mm	(P) 1650 mm
(B) 980 mm	(J) 1920 mm	
(C) 1935 mm	(K) 2855 mm	
(D) 2100 mm	(L) 1600 mm	
(E) 1842 mm		

## Options

Long arm	Third auxiliary hydraulic line (Clamshell Piping)
Twin tyres with 2290 mm dozer blade	

## Attachments

Ejector bucket	Rotating clamshell bucket
Grading bucket	Tilt bucket
Ripping tooth	Trenching bucket
Hydraulic breaker	

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

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