



Bobcat®

One Tough Animal.

PG100 GENERATOR

🌐 Europe



THE BOBCAT PG100 GENERATOR REDEFINES EXCELLENCE, DELIVERING A QUIETER, MORE VERSATILE PERFORMANCE IN A COMPACT DESIGN

Bobcat's PG100 Generator is quieter and more compact, enhancing overall efficiency more than ever before. Equipped with a reliable Cummins Performance engine that meets Stage V standards, it offers extended service intervals, for 1 000 hours of uninterrupted performance before your next service call.

At Bobcat, we understand the importance of having the right products and services. For more information contact your local dealer or visit: www.bobcat.com



NEW STAGE V GENERATORS FOR A GREENER FUTURE



► SUPERIOR POWERTRAIN

The PG100 Generator, powered by a dependable Stage V Cummins engine, provides service intervals twice as long as the competition and reduces fuel consumption. Its “self-healing” capabilities allow the generator to manage lighter loads without compromising the engine’s longevity. Plus, its HVO-compatibility reduces emissions and promotes a healthier work environment.

► NEW CONTROLLER OPTIONS

With a standard digital control panel and newly added synchronization options, managing your machine has never been easier. Combine multiple machines for more efficient operation and remotely track your machine’s power usage, location, and other updates with optional telematics.



► FLEXIBLE FUEL SUPPLY SYSTEMS

The PG100 comes with a standard internal tank. You can also select from two fuel system upgrades.

Option 1: A 3-way fuel valve lets you bypass the internal fuel tank and includes an automatic valve for Diesel Exhaust Fluid (DEF), allowing the gravity feed to prolong the machine’s lifespan.

Option 2: A fully automatic refilling system with feed pumps for both fuel and DEF, providing unmatched flexibility in the field.

Both options are available with screw connections inside and outside the machine or with internal fast connectors (push-pull).



► IMPROVED FEATURES

The PG100 Generators feature a more compact footprint and reduced noise levels of LWA91, thanks to a dedicated sound-proof canopy. This new generation also comes with a refinery kit for sensitive jobsites. It offers multiple connection options, including a Busbar for various cable types and electrical sockets, ensuring you can work comfortably and confidently in any location.

STANDARD EQUIPMENT & OPTIONS / SPECIFICATIONS

► WE SEE. WE LISTEN. WE IMPROVE.

The PG100 Generators just got even tougher. With improved components and a Stage V engine, these upgrades make the PG100 an ideal choice for rental applications.

STANDARD EQUIPMENT & OPTIONS

Electronic speed regulation	✓
Two element air filter	✓
Fuel filter with water separator	✓
Radiator access door	✓
Coolant fluid and engine oil external drains	✓
Double wall fuel tank standard runtime (min. 11 h at 75% of the load)	✓
Containment base, 110% of all fluids	✓
Combined containment and fuel tank drain plugs	✓
Forklift pockets	✓
Central lifting point	✓
Safe lifting point access steps	✓
Keys on all access doors	✓
Robust battery isolator switch	✓
Automatic start voltage free contacts	✓
4-pole circuit breaker	✓
Earth leakage Protection	Adjustable 30 mA – 30 A
Robust connection busbar	✓
OPTIONS	
Double wall fuel tank extended runtime (min. 24 h at 75% of the load)	•
3-way fuel supply internal valve block/ external block / push pull internal	•
Automatic refill system with pumps for fuel Adblue, internal /external / internal w Push Pull	•
Containment / fuel tank drain plugs blockade	•
Frame peripheral rubber protection	•
Oil sump pump	•
Digital control panel comap MRS16	•
Synchronisation controller deif AGC 150	•
Dual frequency	•
Multiple neutral / earthing systems	•
EDF electrical pack	•
Adjustable earth leakage relay (30mA – 30A)	•
Earth rod and cable	•
Containment manual drain pump (factory mounted)	•
Socket panel CE(1ph 230V, 3ph 400 V) with / w/o shunt trip	•
Socket panel UK(1ph 110V, 3ph 400 V)	•
Socket panel Schuko(1ph 230V, 3ph 400 V), Type B breakers	•
125 Amps 3ph socket	•
Powerlocks	•
Battery charger (230 V) and engine block heater	•
Refinery kit	•
Customized colour (canopy / canopy and frame)	•

SPECIFICATIONS	
ELECTRICAL PERFORMANCE AND COMPONENTS	
Prime power @ 1 500 RPM (50 Hz)	100 kVA
Stand-by power @ 1 500 RPM (50 Hz)	110 kVA
Frequency	50 Hz / 60 Hz
Voltage, single phase / triple phase (50 Hz)	230 V / 400 V
Maximum sound power level @75% load (dB)	91
Alternator make	Stamford
Alternator model	UCI274D
Alternator excitation type STD / OPT	PMG - MX341 / D550
Alternator insulation class	H / H
Alternator IP rating	23
Main breaker make	Schneider
ENGINE	
Make	Cummins
Model	F3.8
Emission compliance	EU Stage V
Prime power (engine – net)	82 kWm
Cylinders	4 Inline
Electrical supply (DC)	12 V
Speed regulation accuracy (steady state)	±0.25%
Fuel tank, usable capacity – std / extended (L)	176 / 386
Fuel consumption @ 75% of the load (L/Hr)	16.5
Runtime @ 75% of the load – std / extended fuel tank	11 / 23.5
Diesel exhaust fluid capacity (L)	55
DIMENSIONS & WEIGHTS	
Length (mm)	2 709
Width (mm)	1 120
Height – std / extended fuel tank (mm)	1 999 / 2 099
Dry weight – std / extended fuel tank (kg)	1 895 / 1 944
Wet weight – std / extended fuel tank (kg)	2 061 / 2 292





340 MACHINES / 150 ATTACHMENT FAMILIES / 1 TOUGH ANIMAL

▶ WARRANTY

Your investment is protected with our comprehensive warranty, covering the entire generator for 2 years or 2 000 hours*, providing you with added peace of mind.

▶ AFTERMARKET SOLUTIONS AND SERVICE

Thanks to our dealer stocking program for frequently used parts, express delivery, and our strong support network for both customers and dealers, you won't have to worry about long downtimes.

▶ FINANCIAL SOLUTIONS

We offer financing and leasing options customized to your specific business needs. Our streamlined loan application and credit approval process can quickly turn your business plans into reality.



* Whichever occurs first

DOOSAN

Bobcat is a Doosan Company. Doosan is a global leader in construction equipment, power & water solutions, engines, and engineering proudly serving customers and communities for more than a century. | Bobcat and the Bobcat logo are registered trademarks of Bobcat Company in the United States and various other countries. ©2023 Bobcat Company. All Rights Reserved.

www.bobcat.com

©2023 BOBCAT P4700510-EN (11-23)



* Financing options may vary by country and dealer. Always ask your dealer about currently available financing options. Terms and conditions may apply.

Doosan Bobcat EMEA, U Kodetky 1810, 263 12 Dobříš, Czech Republic