PB **100** E

Astonishingly quiet, astonishingly clean.



On Top of the Mountain since 1969.

PistenBully®

Green on the outside, and on the inside.

As good as ever, just greener.

QUIET AND CLEAN THROUGH THE SKI AREA:
The PB 100 E is different. It's not just green on the outside, but also under the hood. The all-electric concept ensures excellent energy efficiency. The hydrostatic drive is replaced by powerful electric motors for the propulsion drive and tiller. The advantages? Direct power transmission, an increase in efficiency of approximately 20% compared to a hydrostatic drive and an impressive range per charge. A sophisticated, comprehensive concept for maximum sustainability.

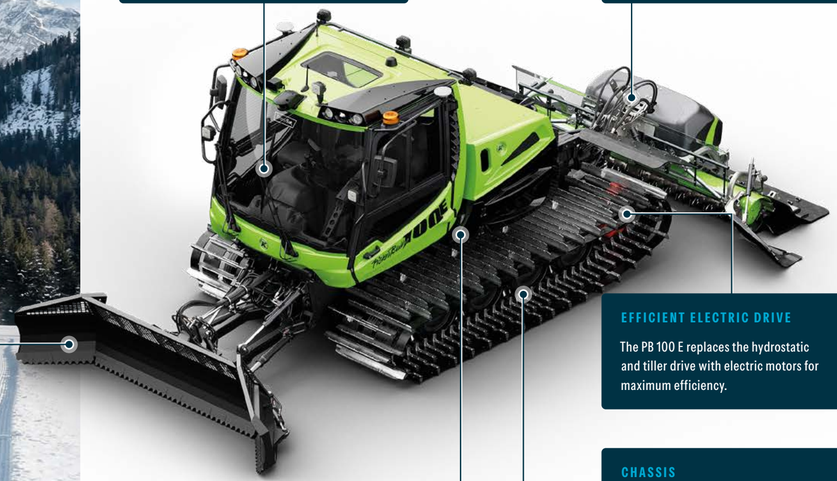
PistenBully®



More information
Discover the new PistenBully **100** E from Kässbohrer

ERGONOMIC, QUIET CAB
The uniform operating concept familiar to users of the PB 100, with controls arranged identically across all models. 4-axis joystick, four individual operator settings.

ELECTRIC TILLER
The 100% electric tiller for optimal efficiency and energy-saving operation is the perfect tool for Nordic events.



EFFICIENT ELECTRIC DRIVE
The PB 100 E replaces the hydrostatic and tiller drive with electric motors for maximum efficiency.

CHASSIS
Powerful uphill climbs. A smooth ride. 4 idler axles for excellent gradeability combined with optimum ride comfort.

ALLWAYBLADE
Lightweight construction, stability, flexibility – ensuring precise grooming for an ideal slope.

RANGE AND FAST CHARGING
The PB 100 E can be charged from 0 to 100% in approximately 1.5 hours and allows for an operating time of up to 3 hours.

The all-electric marvel of efficiency

DRIVETRAIN

Model	All-electric drive Auxiliary hydraulics electrically driven
Battery capacity	196 kWh
Autonomous operating time	up to 3 hours for normal grooming

POWER SPECIFICATIONS

Torque	14,380 Nm at the propulsion drive (star wheels)
Power	272 hp (metric) / 200 kW

272 METRIC HP/200 KW

High-voltage circuit	800 V
Low-voltage circuit	24 V
Charging power	up to 22 kW AC / up to 150 kW DC (CCS2/CCS1)
Charging time for fast charging	Approx. 1.5 hours from 0% to 100%

DRIVING CHARACTERISTICS

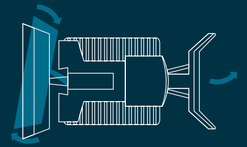
Speed	Stepless from 0 – 20 km/h
Turning radius	Turns in place

100 %

→ ELECTRIC DRIVE
→ EMISSION-FREE



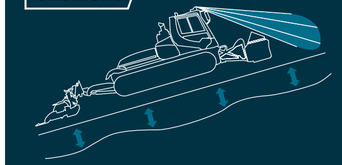
AutoTracer



MAXIMUM TRACK STABILITY

Automatic steering support when turning, automatic level control on side slopes. The rear implement carrier with active steering support takes the strain off and ensures maximum track stability and maneuverability in all conditions.

SnowSat



KNOW WHERE THE SNOW IS

Our precision snow depth measurement helps you identify slope areas with small amounts of snow and snow reserves. With SnowSat LiDAR, you can even measure snow depths beneath, in front of and beside the vehicle, ensuring efficient operation and the highest quality in slope building.



Welcome to the cockpit

COMFORT AND ERGONOMICS FOR PERFECT OPERATION

The operator is the focus. Our cab achieves this principle with comfort, ergonomics and intuitive operation. Large windows, a perfect arrangement and ideal lighting provide great visibility, especially at night.
iTerminal with 10-inch display and touch control. Easy to read, easy to understand, easy to operate. Ergonomic double-joint joystick can be moved freely in any direction. 4 axes for 4 simultaneous movements and the proportional actuation of the All Way Blade. Everything can be set individually with just one hand.

PistenBully®

The full range

PB **100** E

BECAUSE WHAT MATTERS MOST IS ALREADY PART OF THE STANDARD PACKAGE:
Fast charging, efficient operation – the PB 100 E offers you intuitive control, precise blade hydraulics and smart functions such as AutoTracer and independent tiller depth adjustment. Discover the technical highlights.

Product highlights

- ⊕ First 100% electric PistenBully
- ⊕ Fast charging time: approx. 1.5 hours from 0% to 100%
- ⊕ Same operating concept across all vehicles
- ⊕ Intuitive joystick for proportional control of 4 blade functions at the same time
- ⊕ iTerminal with touch display
- ⊕ Storage of 4 driving profiles
- ⊕ Precise, proportional auxiliary hydraulics
- ⊕ AutoTracer
- ⊕ Independent tiller depth adjustment
- ⊕ The best panoramic view thanks to LED work-lights, a rear camera and ramp mirrors
- ⊕ Rear implement carrier with vibration compensation
- ⊕ And much more

Optional

- → Alpine All Way Blades 2.8 m/3.2 m
- → Brush guard
- → Integrated transport box for charging cable
- → Luxury seat
- → LED searchlight
- → Tracking plates
- → ProMount
- → Drive control stick
- → SnowSat fleet management and snow depth measurement with LiDAR
- → Radio with Apple CarPlay and Android Auto
- → And much more



Data sheet download

Impressive technical data
Want to know the details? Here you will find all the information on dimensions, weights, drive, cab, electrics, auxiliary equipment, equipment options and more.

Android Auto is a trademark of Google LLC. Apple CarPlay is a trademark of Apple Inc.

Sustainable slope management

SUSTAINABLE, OPEN TO TECHNOLOGY, INNOVATIVE
Today, Kässbohrer is the leading complete provider for sustainable slope management: From alternative drive concepts for our PistenBully to digital solutions with SnowSat and all the way to efficiency-boosting training courses in our ProAcademy, we offer you a one-of-a-kind package of intelligently networked products, services and processes.



PistenBully®

Our PistenBully machines have been in operation worldwide successfully for decades and they powerfully and efficiently ensure ideal parks and slopes. PistenBully is also the pioneer of the first diesel-electric snow groomer and the first all-electric PistenBully. In addition, all of our diesel-powered vehicles can be fueled with HVO fuel, which reduces CO2 emissions by up to 90%.

SnowSat

RESOURCE-CONSERVING SNOW MANAGEMENT

For many years, our SnowSat systems have provided ski areas around the globe with precise fleet and snow depth data to ensure time-saving and cost-effective park and slope building, maintenance and efficient fleet and ski resort management.

ProAcademy

WORKSHOP AND OPERATOR TRAINING

State-of-the-art systems offer significant efficiency gains – assuming everyone knows how to use them.
From operator training to technology training and SnowSat courses, our ProAcademy offers everything you need to make you faster, better and more efficient.

K-Service

365/24 SERVICE AND SPARE PARTS

Only those who actually work can be efficient and sustainable in their work. Avoiding accidents and providing fast and professional assistance when issues arise is the goal of our global, high-performance service network that provides assistance not only in the Antarctic, but also wherever you are. Fast, professional, hassle-free.

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PistenBully®

SnowSat | ProAcademy | K·Parts | K·Service | K·Finance

www.pistenbully.com

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Contact
Fast. Direct. Personal.
Find your contact person here.

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