PB **600** Polar (W)

The most well-rounded snow groomer



On Top of the Mountain since 1969.

PistenBully®

Light-footed power house

With an optimized power-to-weight ratio during operation

QUIETER. CLEANER. MORE ECONOMICAL.
The representative of a new generation – it has proven its worth in harsh conditions on the mountain. The PistenBully 600 Polar shows what happens when close collaboration with customers results in sophisticated, well-design technology. No empty promises; just results every day. The keywords are power, performance, efficiency and comfort. It is lighter than other vehicles in its class, but it is noticeably more efficient in operation. It is a machine that doesn't just set standards – it is and will continue to be reliable.

PistenBully®

PB 100 | PB 400 (W) | PB 600 Polar (W) | PB 800 (W)

PB 600 Polar (W)



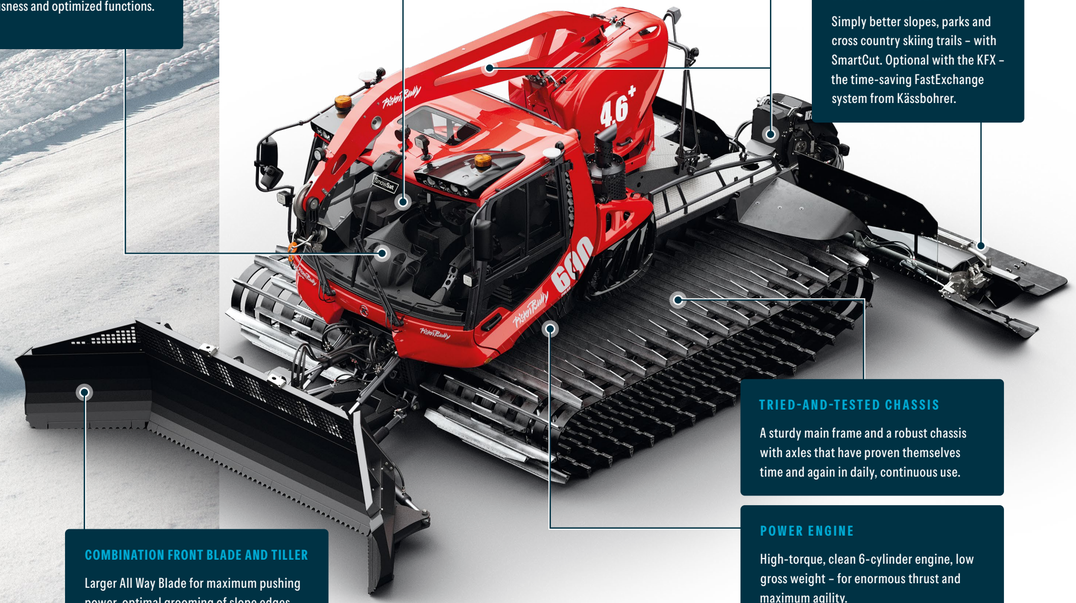
More information
Discover the new PistenBully **600** Polar (W) from Kässbohrer

LARGER DRIVER'S CAB
Extraordinary design, pleasant feeling of spaciousness and optimized functions.

READY FOR SNOWSAT AND LIDAR
Forward-looking real-time measurement of the snow depth under, in front of and to the sides of the vehicle.

CLEVER ASSISTANCE SYSTEMS
Automatic support for ideal grooming results, stable side hold and maneuverability.

SMARTCUT TILLER
Simply better slopes, parks and cross country skiing trails – with SmartCut. Optional with the KFX – the time-saving FastExchange system from Kässbohrer.



TRIED-AND-TESTED CHASSIS
A sturdy main frame and a robust chassis with axles that have proven themselves time and again in daily, continuous use.

POWER ENGINE
High-torque, clean 6-cylinder engine, low gross weight – for enormous thrust and maximum agility.

COMBINATION FRONT BLADE AND TILLER
Larger All Way Blade for maximum pushing power, optimal grooming of slope edges and the best tilling width coverage.

The world's most popular snow groomer.

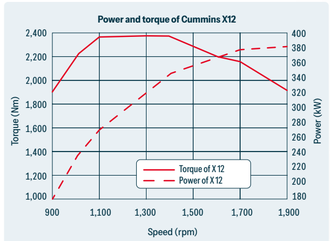


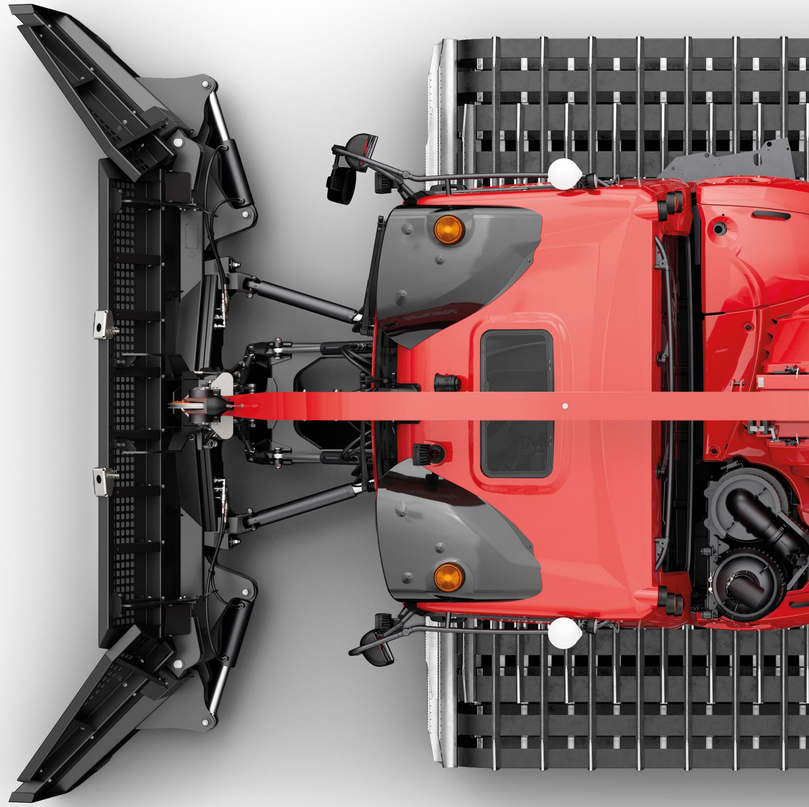
HVO-READY
Even now, all new PistenBully vehicles can be operated with renewable HVO fuel with up to a 90% reduction in CO_2 emissions.

Like a star athlete at their ideal weight

MAXIMUM POWER AT A LOW WEIGHT:
The ideal power-to-weight ratio ensures noticeably more agility, better power transmission and maximum efficiency during operation. Especially during demanding alpine operations and when tackling a variety of tasks, you'll benefit from precise handling, quick response and reliable performance – all at a reduced level of fuel consumption.

ENGINE	
Type	Cummins X12
Number of cylinders	6
Displacement	11,800 cm³
ECE power rating	382 kW/520 metric HP
Exhaust gas standard	Tier 4f and EU Stage V
Max. torque	2,375 Nm @ 1,200 rpm
Tank capacity	300 l
DEF (AdBlue®) tank capacity	38 l
Fuel consumption	from 19.5 l/h





A winning combination – SmartCut and KFX

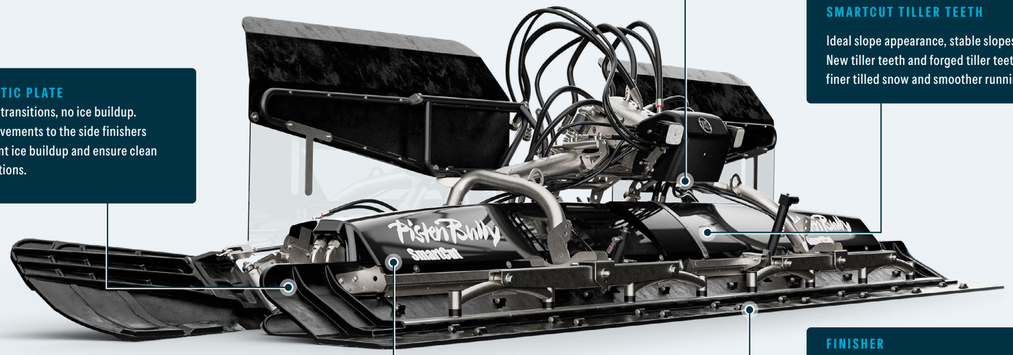
SMARTCUT. SLOPE TUNING BY PISTENBULLY
The unique new SmartCut tillers, thanks to their new tiller tooth geometry and a new finisher comb, ensure that ice and snow are broken up even more finely and compacted more effectively. This means smoother running improved directional stability and better snow transport.
The result: an even finer, more uniform corduroy structure – and improved stability and durability of the slope, ergo, slope tuning.

LUBRICATION POINTS
Easier maintenance, more accessible lubrication points on the frame make maintenance easier and save time.



SMARTCUT TILLER TEETH
Ideal slope appearance, stable slopes.
New tiller teeth and forged tiller teeth – for finer tilled snow and smoother running.

PLASTIC PLATE
Clean transitions, no ice buildup.
Improvements to the side finishers prevent ice buildup and ensure clean transitions.



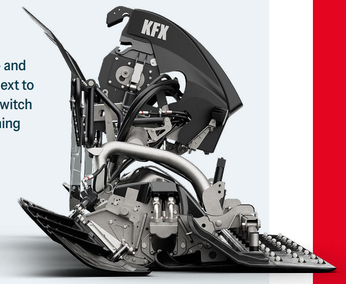
BLACK DESIGN
Striking, modern look. Contemporary all-in-black design: even bolder than before.

FINISHER
A more beautiful corduroy profile – even around bends.
Innovative finishers with three-stage comb for better compaction and high profile consistency, even when making tight turns.



WHY NOT COMBINE ALL OF THE ADVANTAGES?
On request, you can also purchase the AlpineFlexTiller SmartCut with KFX – the Kässbohrer FastExchange system. This allows you to change the tiller in just 20 seconds – at the touch of a button, without getting out of the cab.

This is practical for time- and cost-saving work on or next to the slope if you have to switch between moving, grooming and transporting.





COMFORTABLE WORKSPACE

- Uniform operating concept with intuitive 4-axis joystick
- iTerminal with touch display
- Feel relaxed while working thanks to a comfortable driver's seat
- Everything is within reach due to large storage compartments and beverage holders
- Best view thanks to seamless LED lighting

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.

PistenBully®

Assistance systems

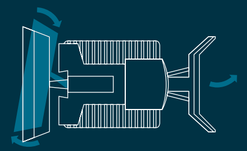


For precision on the slope

BETTER RESULTS AUTOMATICALLY

The unique, innovative Kässbohrer assistance systems support you in your daily work as an operator.
Of course, it is no replacement for your experience and trained eye. However, it simplifies many tasks and helps you complete your duties even more efficiently and precisely.

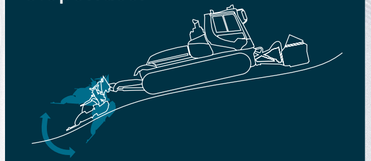
AutoTracer



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 you and ensures maximum track stability and maneuverability in all conditions.

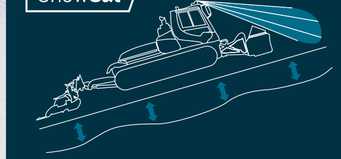
SlopeTracer



IDEAL GROUND ADAPTATION

The SlopeTracer ensures that the snow groomer adapts perfectly to the slope profile. Depending on the configuration, you can either maintain, enhance or even out the existing profile.

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.

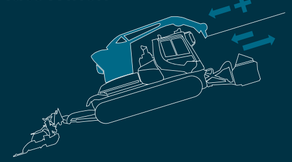
ActiveWinch



SAFE MANEUVERABILITY

Automatic steering support for the winch simplifies work for the operator – especially under difficult slope conditions.

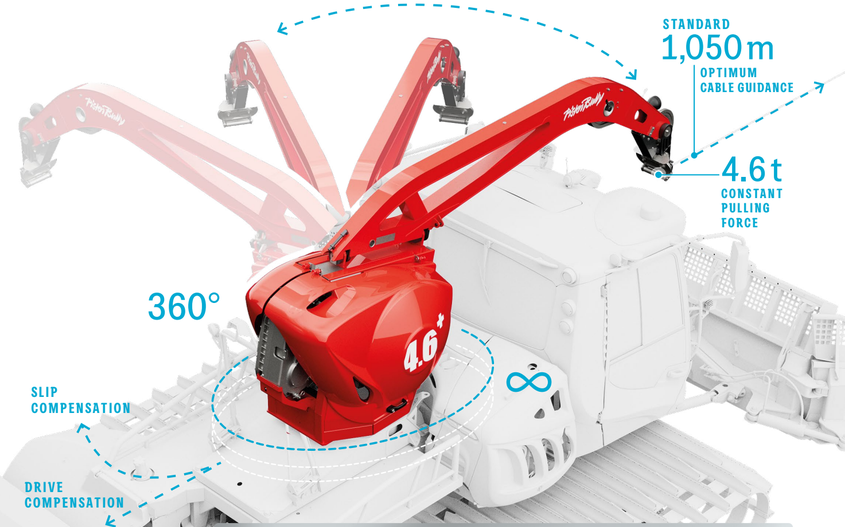
AutoWinch



OPTIMAL PULLING FORCE

The intelligent winch matches the driving speed to the winch rope speed. If they differ, for example, because of slip, the pulling force is adjusted automatically, so it is gentle on the winch rope.

Power, precision, support.



SUPERIOR WINCH TECHNOLOGY FOR MAXIMUM SAFETY AND CONTROL

The powerful winch on the PistenBully simplifies your work and simultaneously ensures maximum safety and precision. It delivers a constant pulling force of up to 4.6 t. AutoWinch automatically adapts the set pulling force to your driving speed, compensates for the slip and protects the rope. Active Winch assists with steering, keeps the vehicle on course even on steep slopes and ensures maximum tracking stability and traction. Optional functions such as automatic cable extension control and protection mechanisms complement the winch control system. Ropes up to 1,400 meters in length are available as an option.

The full range

PB **600** Polar (W)

BECAUSE WHAT MATTERS MOST IS ALREADY PART OF THE STANDARD PACKAGE:
Whether it's solid rubber wheels, an LED lighting package, ActiveWinch 4.6+ or AutoWinch – the PistenBully 600 Polar W is already equipped as standard for top performance on any terrain. For specific requirements, sophisticated options are available that specifically enhance performance, comfort and efficiency.

Product highlights

- Ideal power-to-weight ratio
- Intuitive joystick for proportional control of 4 blade functions at the same time
- iTerminal with touch display and color-coded function feedback of the active vehicle parts for easy operation
- Storage of 4 driving settings
- Precise, proportional auxiliary hydraulics
- Assistance systems such as SlopeTracer, AutoTracer, ActiveWinch and AutoWinch for ideal grooming results, side hold and maneuverability
- Rear implement carrier with vibration compensation and lateral damping for greater driving comfort
- Large loading platform as a third storage space
- Optimized comfort seats for long operations
- And much more

Optional

- 1,400m rope for the winch vehicle
- Trailer hitch
- Automatic luxury climate control system
- Front high-pressure connection (technology package)
- Hydraulic oil preheating
- Infotainment with Apple CarPlay and Android Auto
- KässbohrerFastXchange (KFX)
- Folding side rail
- Charge pressure reduction
- Tracking plates with/without track tillers
- NordicFlexTiller
- NoDeck version
- Passenger cabins
- 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

SUSSTAINABLE, 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 CO_2 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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