PistenBully®

100

ALWAYS ON THE RIGHT TRACK.

SMALL, COMPACT, VERSATILE.



TRIED AND TRUE AND YET BRAND NEW.

The PistenBully 100 is the most powerful snow groomer in its class. With the current overhaul of its technology and design, it will maintain this leading position in every regard.

In close collaboration with customers from all over the world, the PistenBully 100 has been optimized again to ensure outstanding performance. The result: an even more powerful engine, the most environmentally friendly exhaust technology and many other practical new developments.

Small, compact, versatile: the Nordic specialist has numerous track setters, which enable it to be used in a variety of situations. With its superior engine power, it ensures ideal slopes even in Alpine use. With its passenger transportation cabin, the PistenBully 100 takes guests even to remote areas.

Another cutting-edge feature is the overhauled, compact and streamlined design of the PistenBully 100. Owing to the ingenious layout of the modules, the complete exhaust after-treatment is now one unit. The new PistenBully 100 is, of course, SNOWsat-ready. Also new and included as standard: the AutoTracer assistance system!

HIGHLIGHT

AutoTracer:
The rear implement carrier with intelligent, active steering assistance enables automatic and independent steering support when cornering

HIGHLIGHT

Tiller:
The perfect tool for the task of Nordic events because of the exact tiller depth setting and snow flap in combination with a tracker unit



HIGHLIGHT

Engine:
Maximum power at low engine speed.
Saves fuel and reduces emissions

MORE INFO:

HIGHLIGHT

Chassis:
4 idler axles for optimum gradeability and driving comfort



HIGHLIGHT

More tank capacity:
190 liters for enough range for
one complete shift

HIGHLIGHT

Uniform operating concept:
All models have identically arranged
control elements, 4-axis joystick,
four individual operator settings

HIGHLIGHT

Quick-change system:
With reduced hose routing for
exact and sensitive control of the
functions

HIGHLIGHT

AllWayBlade:
Lightweight construction, stability,
flexibility and precise preliminary
grooming for an ideal slope

EACH COMPONENT IS A HIGH-END PRODUCT.
THE KEY FORMULA FOR IDEAL SLOPES.





OPTIMIZED ALLWAYBLADE

The AllWayBlade has been further perfected:

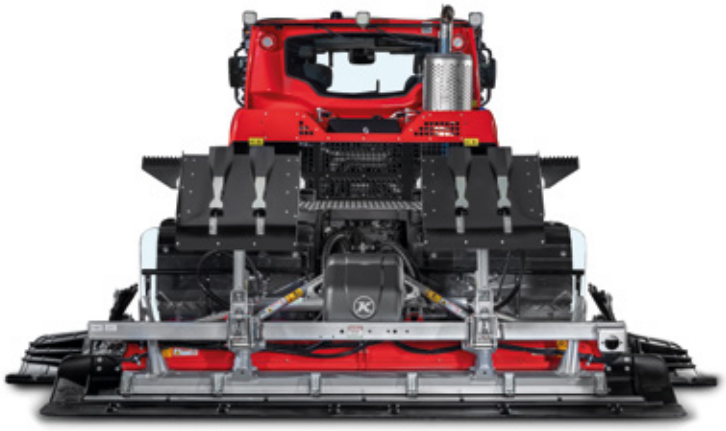
- High snow shield that can handle a greater volume of snow
- The tiller and blade can be operated simultaneously with the joystick, which makes for even more versatility on the job
- Suitable for any use: blade models with working widths of 2.8 meters and 3.2 meters
- The Nordic version with sliding strip for optimum cross-country ski trail grooming
- The Alpine version is ideal for pushing snow

The AllWayBlade: for precise and effortless work. With the best pushing performance in its class.

TRACKS FOR ANY JOB

No matter what you have in mind for your PistenBully 100, we have the right tracks for the job:

- Rubber profile track X-Track with a width of 825 mm / 970 mm / 1130 mm: for driving that is gentle on the surface
- Steel track with a width of 825 mm / 970 mm: for extreme applications in steep terrain and on icy or rocky surfaces
- Combi track with a width of 810 mm / 970 mm / 1130 mm: Hardox toothed rails enable plowing and grooming work on machine-made snow or icy surfaces. Even when performing difficult tasks on little snow, the steel cutting edges provide the necessary protection against damage from the surface.



OPTIMIZED SNOW TILLER

The hydraulic snow tiller has been further developed and improved – designed for grooming ideal cross-country ski trails. Tiller depth and down pressure can be adjusted independently of each other. This allows you to achieve a perfect adaptation to the existing snow conditions.. When combined with a track setter, the new finisher support and sophisticated snow flap are the perfect tool to use for Nordic events. Also, all of the auxiliary equipment is still compatible. For maximum versatility on the job.

EVEN MORE STANDARD EQUIPMENT

- AutoTracer
- Individually adjustable steering wheel
- Diesel particulate filter
- Heated side windows in any position
- Heated rear window
- DAB+ radio with handsfree set, Bluetooth and USB port
- USB port in armrest
- Organic high-performance hydraulic oil

FURTHER OPTIONS

- Auxiliary heating
- Reversing camera
- Central locking
- Implement carrier with vibration compensation during lifting/ lowering
- Implement carrier with side damping for swing (electrically adjustable)
- Comfort air conditioning
- Hydraulically foldable side finishers
- LED or halogen searchlights
- Harness
- Hydraulic oil preheating
- Brush guard
- Stick steering
- Technology package
- Front hydraulics
- Reinforced tensioning axle
- LED lighting package
- NoDeck
- Comfort seat



Sustainable slope management with system.

Come and see the virtual Kässbohrer Snow World!



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

KÄSSBOHRER GELÄNDEFAHRZEUG AG

The right decision – now and in the future.

Kässbohrer has a tradition of sustainability on the ski slope: Starting in 2012 with the PistenBully 600 E+, we brought the world's first snow groomer with a diesel-electric hybrid drive to the market. In 2019 with the PistenBully 100 E, we presented the world's first fully electric snow groomer.

Today, Kässbohrer is the leading complete provider for sustainable slope management:
From alternative drive concepts for our PistenBully to digital solutions with SNOWsat and to comprehensive training courses in our PRO ACADEMY, we offer you a one-of-a-kind package of intelligently networked products, services and processes.

SUSTAINABLE, OPEN TO TECHNOLOGY AND INNOVATIVE.

PISTENBULLY

Our PistenBully vehicles have been in operation successfully for decades and they powerfully and efficiently ensure ideal slopes around the world. In addition, we are already offering a hybrid model of this vehicle as well as the option of 90% CO_2-reduced operation with renewable HVO fuel. Fully electric, electrofuel and hydrogen-powered drive concepts are in the testing phase.

www.pistenbully.com

SNOWSAT

Maximum transparency and real-time assessment of snow depth with accuracy to the centimeter, fleet status and fuel consumption – digitally networked and available at the push of a button. The digital solutions of SNOWsat help you make precise use of your resources while reducing fuel consumption, machine operation time and snowmaking expenses.

www.snowsat.com

PRO ACADEMY

As the world's first professional training academy for snow groomer operators, technicians and managers, PRO ACADEMY has been pursuing one goal from the start: to train your employees in slope management so that you can offer your guests ideal slopes every day with the best possible conservation of resources and efficiency. For a sustainably successful future for your company!

www.proacademy.info

SERVICE AND SPARE PARTS

With our service network at approximately 130 international locations, we ensure that technicians and spare parts are quickly and reliably provided worldwide. For minimum downtime and maximum efficiency of your vehicle fleet.

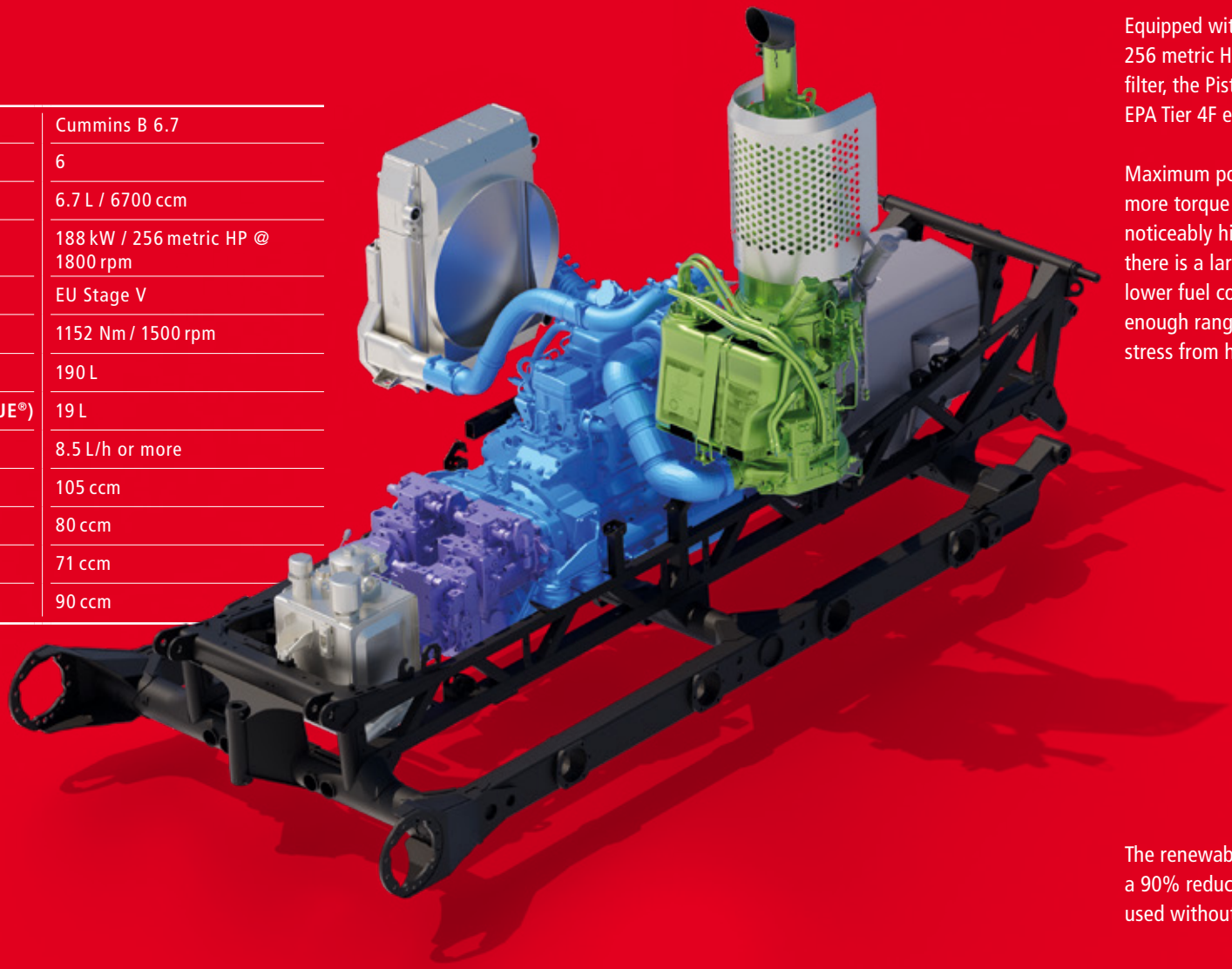
www.pistenbully.com/en/service

MOST POWERFUL ENGINE IN ITS CLASS

ECONOMICAL AND EFFICIENT

ENGINE

TYPE	Cummins B 6.7
NUMBER OF CYLINDERS	6
DISPLACEMENT	6.7 L / 6700 ccm
ECE POWER RATING	188 kW / 256 metric HP @ 1800 rpm
EXHAUST GAS STANDARD	EU Stage V
MAX. TORQUE	1152 Nm / 1500 rpm
TANK CAPACITY	190 L
DEF TANK CAPACITY (ADBLUE®)	19 L
FUEL CONSUMPTION	8.5 L/h or more
TRACTION DRIVE PUMP	105 ccm
PROPULSION DRIVE	80 ccm
TILLER DRIVE PUMP	71 ccm
TILLER DRIVE	90 ccm



Equipped with a clean 6-cylinder engine with 256 metric HP including a diesel particulate filter, the PistenBully 100 meets EU Stage V / EPA Tier 4F emission standards.

Maximum power generation from 16% more torque at low engine speed results in noticeably higher performance. In addition, there is a larger tank volume combined with lower fuel consumption. This achieves a long enough range that you'll have a shift free of stress from having to refuel partway through.

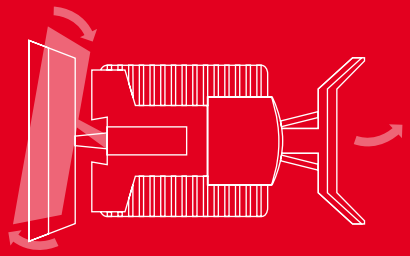
HVO ready

The renewable HVO fuel achieves up to a 90% reduction in CO_2 emissions and can be used without modifications to the engine.

WELCOME TO THE COMFORT ZONE!

The focus is on the operator: The uniform operating concept covers the entire workspace. The 4-axis joystick allows for control that is both intuitive and individualized. You can assign functions to the buttons on the armrest and joystick the way you want. In addition, up to four operator profiles can be called up individually. This makes it easy and intuitive for the operator to get oriented – even after moving to a different machine! The ramp mirrors provide for an optimum view of the tracks. The electrically adjustable and heated outside mirrors ensure an optimum view of the work area. This means you'll work comfortably throughout your entire shift.

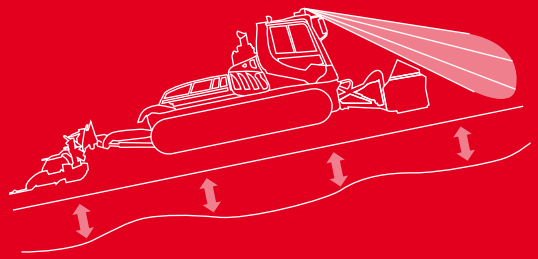
BETTER TRAILS. LESS WORK. MORE SAFETY.



CONSISTENT DIRECTIONAL STABILITY

The rear implement carrier with intelligent, active steering assistance. Possible in both a fixed position (locked) and a floating position (released). Automatic and independent steering support when cornering. Automatic countersteering on side slopes. To assist the operator, make their job easier and increase safety for them. The AutoTracer: now also standard in your PistenBully 100.

→ AUTOTRACER



RESOURCE-CONSERVING SNOW MANAGEMENT

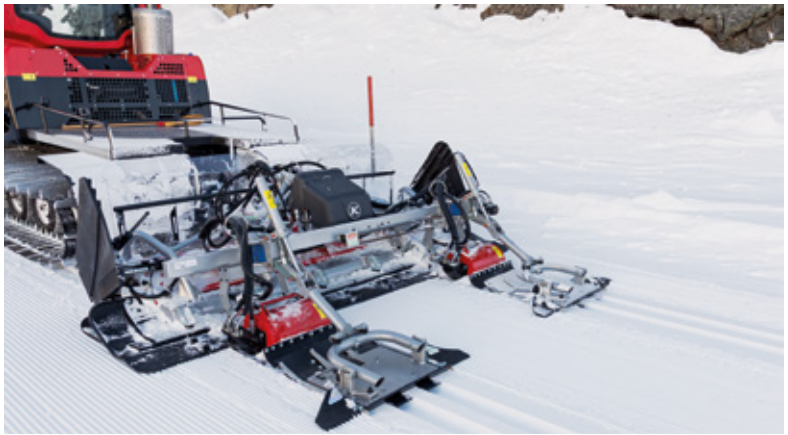
The high-precision snow depth measurement with SNOWsat helps the operator detect slope and cross-country ski trail areas with small amounts of snow and identify snow reserves – under, in front of and on both sides of the machine. That way the snow can be pushed with precision and maximum quality can be achieved for the cross-country ski trail structure. SNOWsat increases productivity while conserving resources and protecting the environment. By the way, the PistenBully 100 is ready for the next generation of snow depth measurement – SNOWsat LiDAR.

→ SNOWSAT SNOW DEPTH MEASUREMENT.



FOR FABULOUS TRAILS.

THE VERSATILE TILLER.



THE TILLER FOR ANY JOB

- Three different tiller widths of 2.5 / 2.8 / 3.2 meters for any kind of grooming
- Tiller width of 2.5 meters for narrow bridges and alleys
- For Alpine use, hydraulically folding finishers increase the working width to just under 5 meters (optional)
- New tiller with more teeth for a better slope appearance
- Efficient work due to wider tiller shaft and larger working width



EVEN MORE OPTIONS

- Tiller depth and down pressure of tiller and tracking plates can be adjusted independently of each other
- All snow tillers are available with side finishers that fold upward hydraulically (optional)



KINEMATICS WITH FOUR LINKS

- Parallel, vibration-free lowering and lifting of the tracking tiller
- Perfect beginnings and endings of the track, without irregularities

AUXILIARY EQUIPMENT FOR OPTIMUM ADAPTATION

The following attachments can be used with all three tillers:

- Double track setter
- Double track setter with track width adjustment and lateral adjustability of the right track profiler plate
- Double track setter with integrated "Classic" VarioTrackDesigner
- Double track setter with integrated "Competition" VarioTrackDesigner

Additionally available for the 2.8-meter and 3.2-meter tillers:

- Triple track setter

PERFECT CROSS-COUNTRY SKI TRAILS DUE TO THE NEW FINISHER SUPPORT

- Enlarged snow passage for a clean slope appearance
- Extended finishers for longer snow-processing time
- Snow flaps for ideal adaptation to the conditions of fresh snow or hard snow
- Finer corduroy finish optimized to Nordic use



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