

*PistenBully®*

800 / 800 W

# MOVING BOUNDARIES.

POWERFUL AND EFFICIENT.





# LIGHT-FOOTED POWERHOUSE.

The **PistenBully 800** combines experience and technology from recent years. It is the result of years of innovation with one goal in mind: producing the perfect slope.

Massive power – with surprising agility.  
Enormous pushing performance – around 1/3 greater than all snow groomers currently available on the market – at an astonishingly low speed. And this results in extreme efficiency for slope grooming.

This is because when you push a lot more snow and use only a little more fuel to do it, then it is substantially more efficient and produces less CO<sub>2</sub>.

It is clear that we support our customers in their CO<sub>2</sub> reduction efforts with the new powerhouse. During vehicle development, we focus on alternative drive concepts and are open to the technological possibilities of the future. The PistenBully 800 is chomping at the bit: When the market is ready for hydrogen technology, it will also be ready with a hydrogen reciprocating engine.

## HIGHLIGHT

Clever assistance systems:  
Automatic support for ideal grooming results, stable side hold and maneuverability

## HIGHLIGHT

Power engine:  
Clean 6-cylinder engine  
with powerful torque  
for exceptional thrust

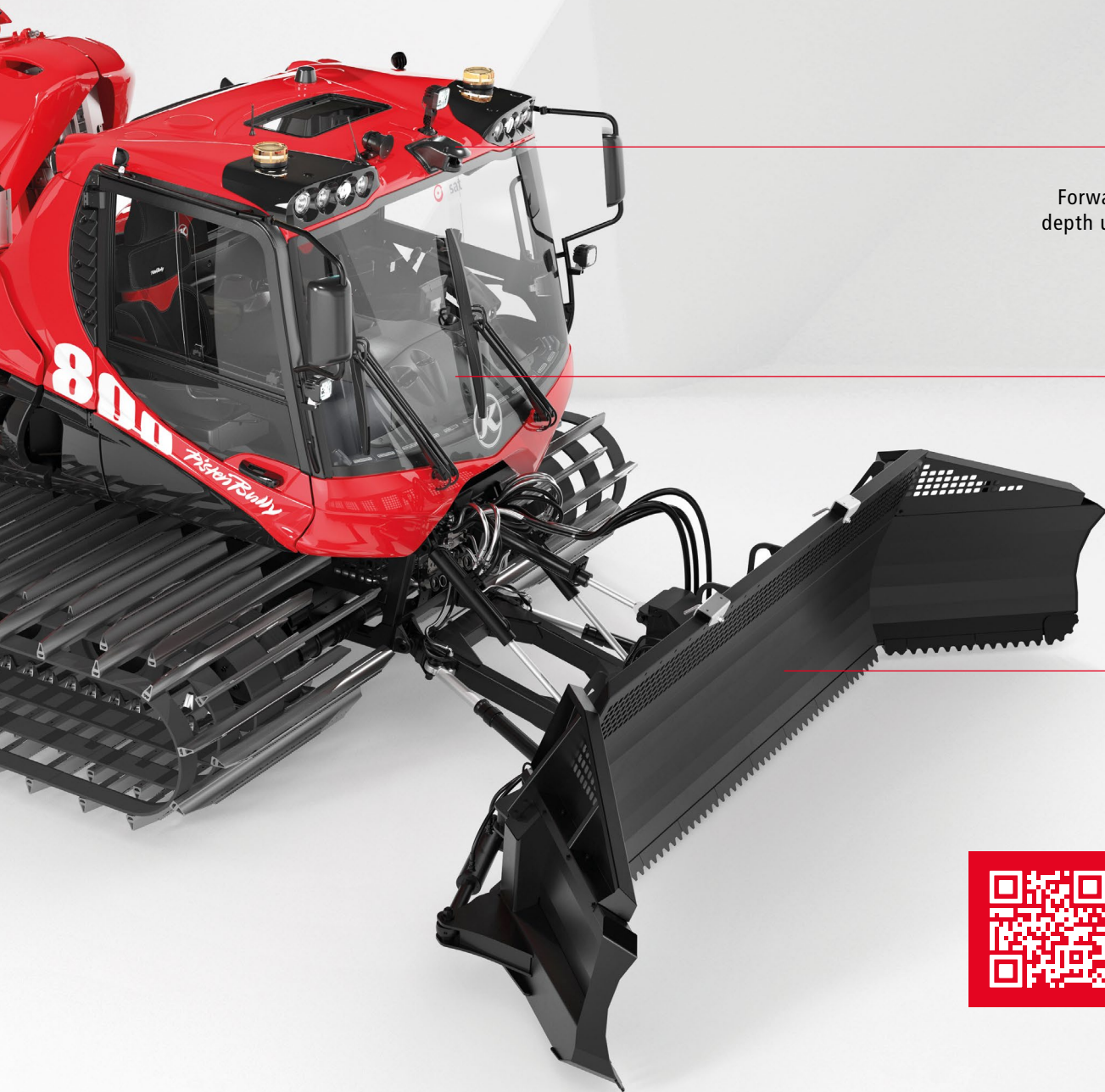
## MORE INFO:



## HIGHLIGHT

Longer chassis:  
Five running axles with larger  
track contact area for best running  
smoothness, thrust and gradeability





**HIGHLIGHT**

Ready for SNOWsat with LiDAR:  
Forward-looking real-time measurement of the snow  
depth under, in front of and to the sides of the vehicle

**HIGHLIGHT**

Larger driver's cab:  
Extraordinary design, pleasant feeling of  
spaciousness and optimized functions

**HIGHLIGHT**

Combination front blade and tiller:  
Larger AllWayBlade 5,0 m for maximum pushing  
performance, optimal grooming of slope edges and  
the best tilling width coverage

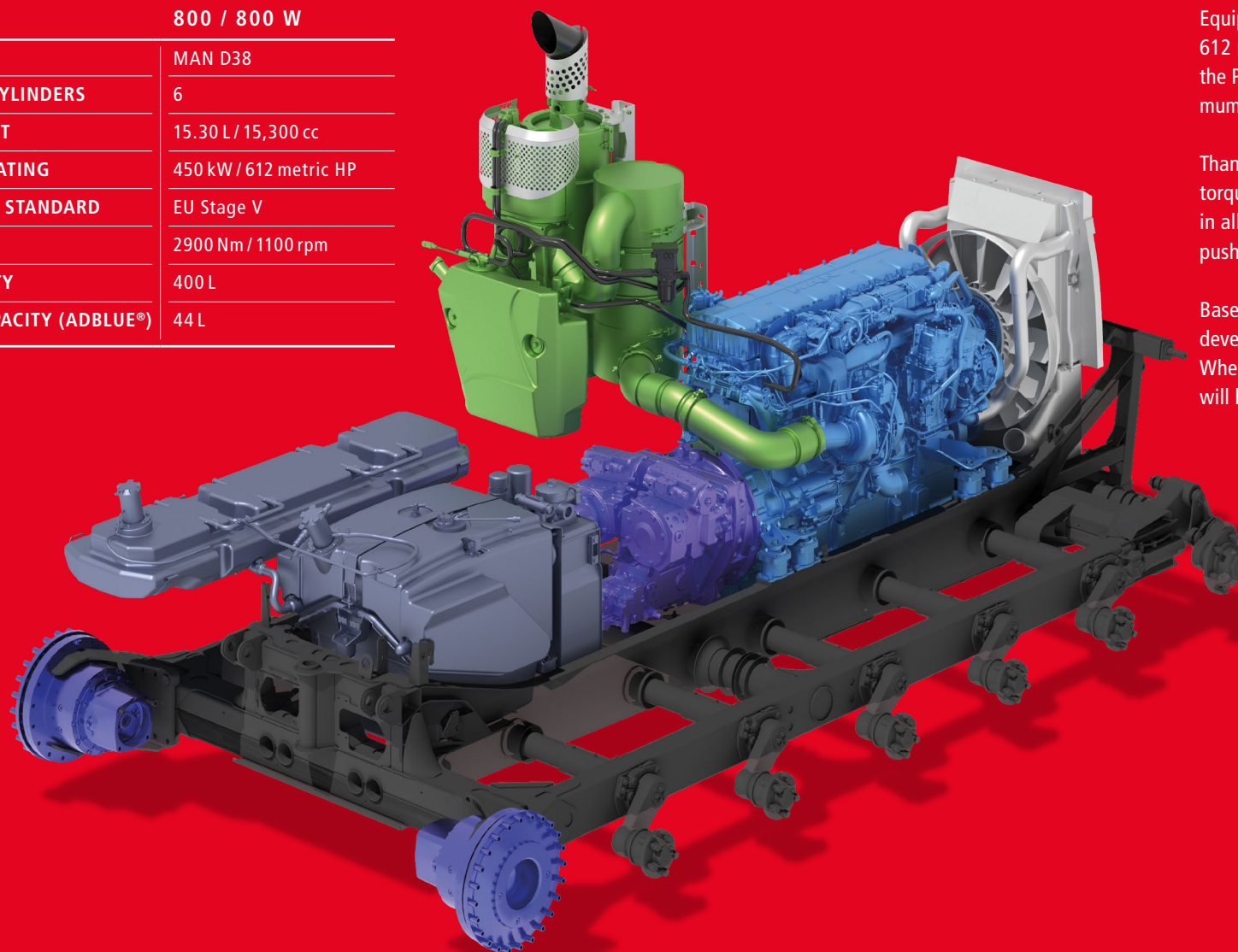


Simply download the  
**Augmented Reality App**  
and get the PistenBully 800  
home!



# CLEAN PERFORMANCE.

ENGINE	800 / 800 W
TYPE	MAN D38
NUMBER OF CYLINDERS	6
DISPLACEMENT	15.30 L / 15,300 cc
ECE POWER RATING	450 kW / 612 metric HP
EXHAUST GAS STANDARD	EU Stage V
MAX. TORQUE	2900 Nm / 1100 rpm
TANK CAPACITY	400 L
DEF TANK CAPACITY (ADBLUE®)	44 L



Equipped with a clean 6-cylinder engine with 612 metric HP including a diesel particulate filter, the PistenBully 800 meets EU Stage V for maximum performance even in extreme situations.

Thanks to a 15.30 L displacement and 2900 Nm torque, the PistenBully 800 reliably pulls through in all situations. It wows you with its ability to push and groom even in the low speed range.

Based on the current D 38 engine, MAN is developing a hydrogen reciprocating engine. When the market is ready, the PistenBully 800 will be ready, too.



The fuel made from renewable sources, HVO, achieves up to a 90 % reduction in CO<sub>2</sub> emissions and can be used without modifications to the engine.



# ON THE WAY UP.



## WOW EFFECT GUARANTEED

What counts in the end is the perfect slope appearance. The **PistenBully 800**, with its combination of the strongest engine, 5 running axles, longer chassis and larger front blade, pushes substantially more snow in less time – even on critical slopes.

While grooming, you can fully rely on what you know from PistenBully: easy operation, intelligent assistance systems, comfortable workspace, surprising maneuverability – well-engineered technology. It is the optimal tool for high-end slope grooming.





PRACADEMY

SERVICE

snøwsat

# Sustainable slope management with system.

Come and see the virtual  
Kässbohrer Snow World!





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<sub>2</sub>-reduced operation with renewable HVO fuel. Fully electric, electrofuel- and hydrogen-powered drive concepts are in the testing phase.

[www.pistenbully.com](http://www.pistenbully.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](http://www.proacademy.info)

## 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.snowsats.com](http://www.snowsats.com)

## 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.

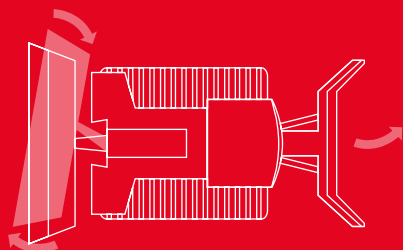
[www.pistenbully.com/en/service](http://www.pistenbully.com/en/service)



Even now, all new PistenBully vehicles can be operated with renewable HVO fuel with a 90 % reduction in CO<sub>2</sub> emissions.

# PERFECT SLOPES. LESS EFFORT. MORE SAFETY.

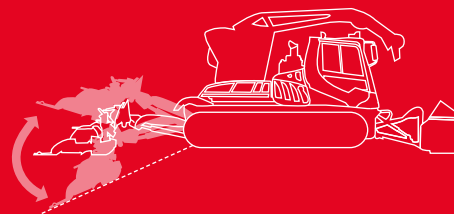
## ASSISTANCE SYSTEMS



### MAXIMUM TRACKING STABILITY

Autonomous steering assistance while cornering and automatic countersteering on side slopes simplify work for the operator. The rear implement carrier with smart, active steering assistance makes this possible in both the locked and floating positions.

→ AUTOTRACER



### IDEAL GROUND FOLLOWING

Smart control of the combined implement carrier. Software enables use as a parallel implement carrier. Ensures ideal ground following of the tiller on hilly terrain and automatically adjusts the tiller depth. SlopeTracer simplifies operation and a large movement radius.

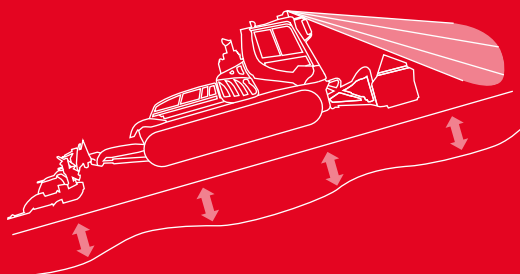
→ SLOPETRACER



### SAFE MANEUVERABILITY

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

→ ACTIVE 4.6+ WINCH



### RESOURCE-CONSERVING SNOW MANAGEMENT

The high-precision snow depth measurement helps the operator detect slope areas with small amounts of snow and identify snow reserves – under, in front of and on both sides of the vehicle. This way snow can be pushed with precision and maximum quality can be achieved for the slope structure. Increases productivity while conserving resources and helping to preserve the environment.

→ SNOWSAT SNOW DEPTH MEASUREMENT



### 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.

→ AUTOWINCH





## VISUALLY APPEALING

The new cab has a state-of-the-art design containing all kinds of sophisticated features to make for nicer and more comfortable working conditions:

### Comfortable workspace

1. Uniform operating concept with intuitive 4-axis joystick
2. Feel relaxed while working thanks to a comfortable driver's seat
3. Everything is within reach due to larger storage compartments and beverage holders
4. Best view thanks to seamless LED lighting
5. Optional sensitive and direct drive control stick available.

### Improved Operator Experience

6. Larger cab with more headroom
7. New interior design
8. Optimized air intake system
9. Dimmable ambient interior lighting
10. Optional air conditioning





# HIGH-END COMPONENTS AS STANDARD. THINGS ARE REALLY HAPPENING HERE.

## OPTIMIZED ALL WAY BLADE

5.95 meters wide and 1.25 meters high: The **AllWayBlade 5.0 m** is the **largest front blade** for slope grooming on the market and pushes even more snow in less time. This makes the PistenBully 800 a real **saver** of time and resources. For ideal **grooming of slope edges** and efficient **snow displacement**. Still comes with great features like the reinforced snow shield with integrated snowgun holder. Reinforced mountings on the blade wings. Reinforced hydraulic cylinders. More stability, better power transmission and rolling characteristics allow for more versatility on the job. The AllWayBlade 5.0: For precise, effortless slope preparation. With the best pushing performance on the market.



## OPTIMIZED ALPINEFLEXTILLER

The hydraulically driven AlpineFlexTiller Comfort is designed to provide ideal slope quality – even under extreme conditions. Innovative shape and arrangement of the tiller teeth. Built-in LED lighting. Memory function for saving and calling up all settings. Hydraulic locking of the tiller halves and hydraulically foldable side finishers. Also equipped with a camera. For maximum convenience.

## OPTIONAL EQUIPMENT

### VEHICLE

- ⊕ Drive control stick
- ⊕ Hydraulic oil preheating
- ⊕ Front high-pressure connection (technology package)
- ⊕ Auxiliary heating
- ⊕ Automatic luxury climate control system
- ⊕ Professional sound package (Alpine subwoofers and amplifiers)
- ⊕ SNOWsat snow depth measurement
- ⊕ SNOWsat fleet management
- ⊕ Charge pressure reduction
- ⊕ Foldable transport gallery
- ⊕ Trailer hitch
- ⊕ 1,400m rope for winch vehicle

### EVEN MORE STANDARD EQUIPMENT

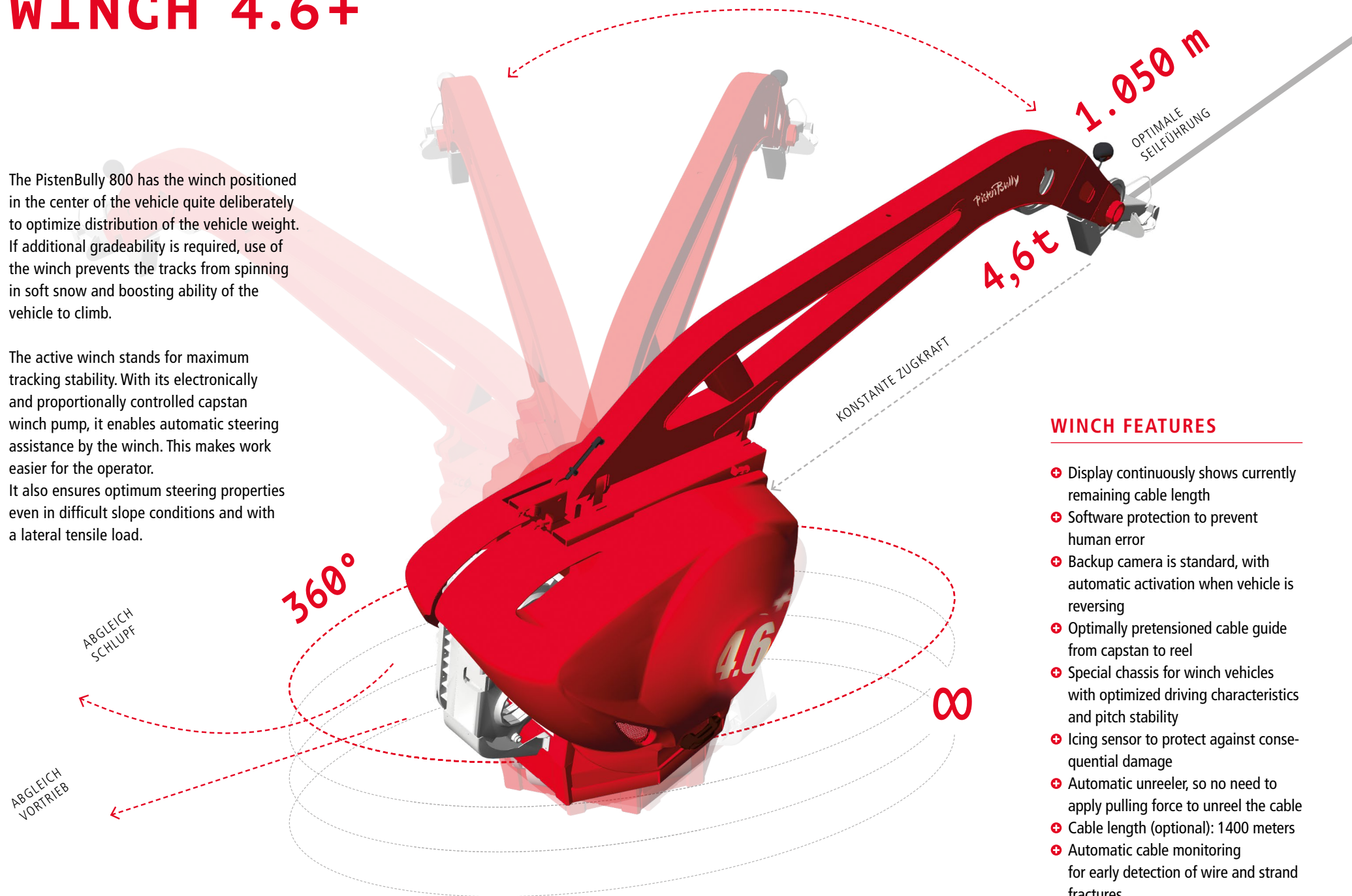
- ⊕ Performance 6-belt Combi track
- ⊕ High-performance bio-oil
- ⊕ Rear implement carrier with vibration compensation and electrical lateral damping
- ⊕ Telemetry for system updates
- ⊕ AutoTracer
- ⊕ SlopeTracer
- ⊕ Fixed impellers
- ⊕ Rear camera
- ⊕ Tilt sensor
- ⊕ LED lighting package
- ⊕ Central locking
- ⊕ AutoWinch
- ⊕ Active 4.6+ winch



# WINCH 4.6+

The PistenBully 800 has the winch positioned in the center of the vehicle quite deliberately to optimize distribution of the vehicle weight. If additional gradeability is required, use of the winch prevents the tracks from spinning in soft snow and boosting ability of the vehicle to climb.

The active winch stands for maximum tracking stability. With its electronically and proportionally controlled capstan winch pump, it enables automatic steering assistance by the winch. This makes work easier for the operator. It also ensures optimum steering properties even in difficult slope conditions and with a lateral tensile load.



## WINCH FEATURES

- + Display continuously shows currently remaining cable length
- + Software protection to prevent human error
- + Backup camera is standard, with automatic activation when vehicle is reversing
- + Optimally pretensioned cable guide from capstan to reel
- + Special chassis for winch vehicles with optimized driving characteristics and pitch stability
- + Icing sensor to protect against consequential damage
- + Automatic unreeler, so no need to apply pulling force to unreel the cable
- + Cable length (optional): 1400 meters
- + Automatic cable monitoring for early detection of wire and strand fractures





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