Pisten Bully®

400 / 400 W

JACK-OF-ALL-TRADES.

UNIVERSAL MACHINE FOR SLOPES,
TRAILS, INDOOR SKI RESORTS AND PARKS.



LEAVES NOTHING TO BE DESIRED.

Get in, call up your personalized joystick setting and drive off: This is now possible in all PistenBully vehicles in exactly the same way. The new PistenBully 400 completes the family: An entire generation with identical operating comfort and convenience, with the cleanest exhaust gas technology and the most attractive performance – all this in the high quality you expect from Kässbohrer.

What remains of the old PistenBully 400 is its perfect balance of power and weight and its outstanding maneuverability thanks to its compact dimensions. What is new and significantly better is a cleaner engine, more comfortable cockpit and an intuitive operation that is familiar from the PistenBully 100 and PistenBully 600 vehicles. The assistance systems that make driving even easier are also new. Completely prepared for SNOWsat.

HIGHLIGHT

Implement carriers:
Equipped with vibration compensation as standard. AutoTracer assistance system for support with steering and driving sideways on slopes

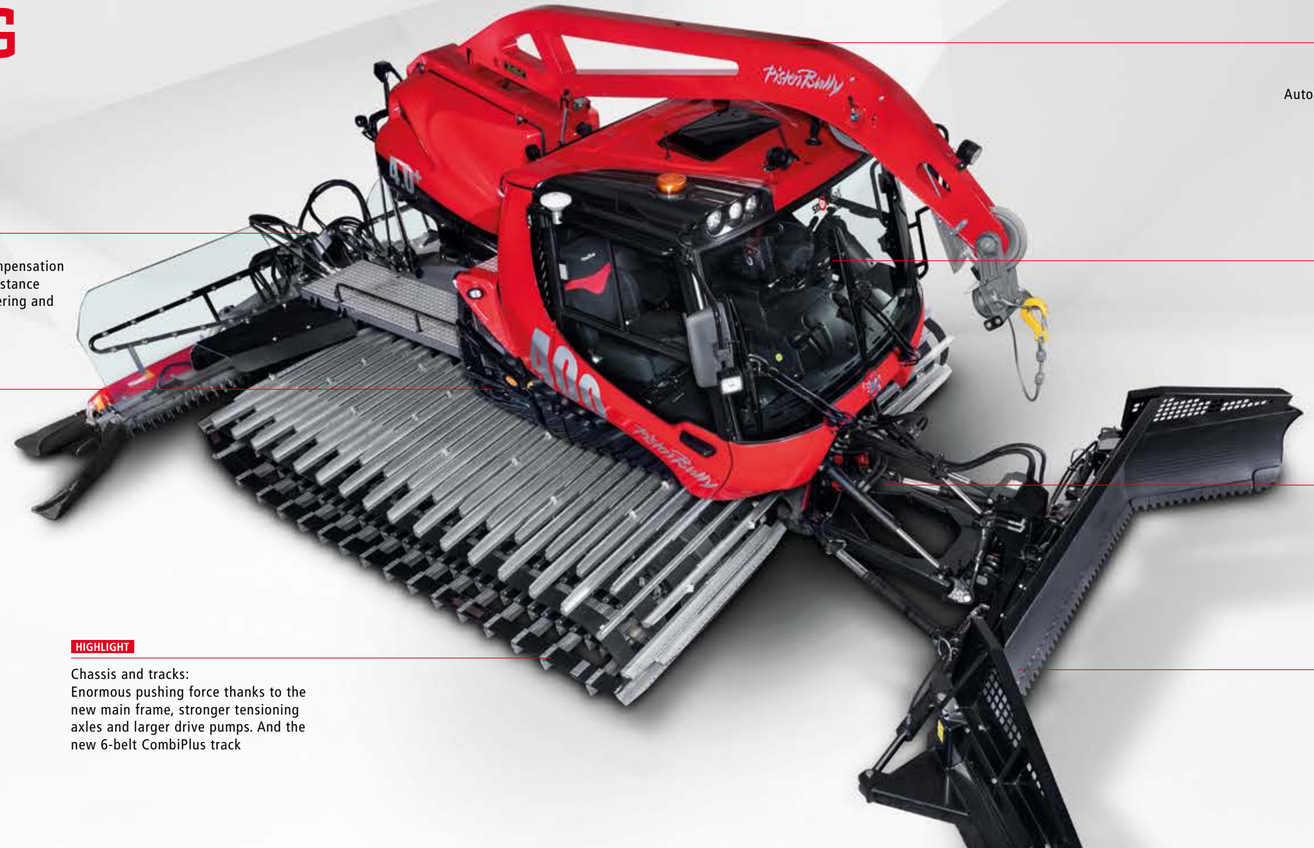
HIGHLIGHT

Engine:
Emissions standard
EU Stage V / Tier 4f
with ideally matched power

MORE INFO:

HIGHLIGHT

Chassis and tracks:
Enormous pushing force thanks to the new main frame, stronger tensioning axles and larger drive pumps. And the new 6-belt CombiPlus track



HIGHLIGHT

Winch 4.0+:
Active steering and
AutoWinch for safety on the slope

HIGHLIGHT

Uniform operating concept:
Across all models, identically arranged control elements, double-joint joystick, four individual operator settings

HIGHLIGHT

Quick mount 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

Stronger snow screen with integral snowgun mount. Stronger mountings on the blade wings. Upgraded hydraulic cylinders. The AllWayBlade has been further optimized for more stability. Better power transmission and rolling characteristics. And even more versatility on the job. The AllWayBlade: for precision, effortless slope preparation.



TRACKS FOR ANY JOB

No matter what you intend on doing with your PistenBully 400, we have the right tracks for the job:

- Rubber profile X-Tracks with 1,150 mm / 45" width: for work in the toughest environments without damaging the ground
- Steel tracks with 1,628 mm: For extreme jobs on steep terrain and on icy or rocky surfaces
- CombiPlus tracks with 1,628 mm: the most advanced track and also the most successful one worldwide. Provides the best climbing performance on the market



OPTIMIZED ALPINFLEX TILLER

The hydraulically driven AlpinFlex Tiller 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. Equipped with a camera for maximum convenience.

EVEN MORE STANDARD EQUIPMENT

- High-performance bio-oil
- Vibration compensation
- Charge pressure reduction
- Telemetry for system updates
- AutoTracer
- AutoWinch

VEHICLES

- Trailer hitch
- Technology package/front high pressure (for hydraulic front attachments)
- Hydraulic oil preheating
- Solid rubber wheels (standard in the winch version)
- Auxiliary heating
- Comfort air conditioning
- Central locking
- Additional jump seat
- Joystick control
- Luxury seat
- Sound package
- Folding side rail
- LED-lighting package
- No deck loading platform (only Solo)
- Harness
- Provision for VarioTrackDesigner
- Additional tank 120 liters
- Lateral damping of the rear implement carrier is electrically adjustable

Digital support from SNOWSAT

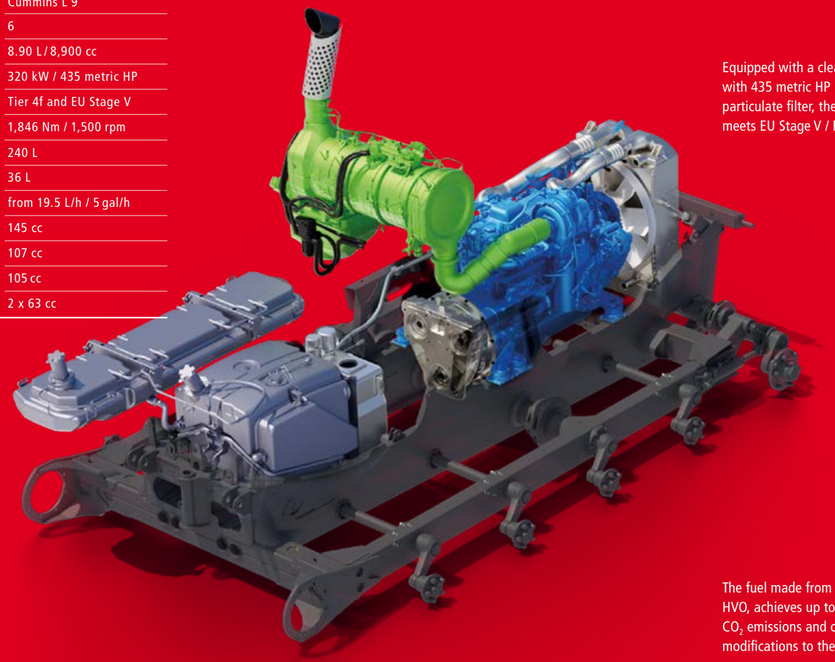
Connect people, data and systems. SNOWsat unites all company divisions on one platform: From year-round slope and fleet management and maintenance to comprehensive management of the ski area. The highly precise snow depth measurement allows for optimum use of resources and sustainably lowers operating costs. For more efficiency and safety in slope grooming.

- Snow depth measurement in real time: Underneath the vehicle, and thanks to SNOWsat LiDAR, up to 50 m ahead and to the side of the vehicle
- Real-time display of the surroundings on the touchscreen on board the vehicle
- Safe navigation in all weather conditions and environmental conditions
- Less need for artificial snow through targeted snow production
- Time savings through optimization of all workflows (e.g. less fuel consumption due to optimized driving routes)
- Manufacturer independent: SNOWsat can be retrofitted in all vehicles

snowsat
SOLUTIONS FOR DIGITAL SKI WORLDS

CLEAN PERFORMANCE.

ENGINE	400 / 400 W
TYPE	Cummins L 9
NUMBER OF CYLINDERS	6
DISPLACEMENT	8.90 L / 8,900 cc
ECE POWER RATING	320 kW / 435 metric HP
VEHICLE EMISSION STANDARD	Tier 4f and EU Stage V
MAX. TORQUE	1,846 Nm / 1,500 rpm
TANK CAPACITY	240 L
DEF TANK CAPACITY (ADBLUE®)	36 L
FUEL CONSUMPTION	from 19.5 L/h / 5 gal/h
TRACTION DRIVE PUMP	145 cc
PROPULSION DRIVE	107 cc
TILLER DRIVE PUMP	105 cc
TILLER DRIVE	2 x 63 cc



Equipped with a clean 6-cylinder engine with 435 metric HP including a diesel particulate filter, the PistenBully 400 meets EU Stage V / EPA Tier 4 final.

HVO ready

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

WINCH 4.0 +

360° UNLIMITED

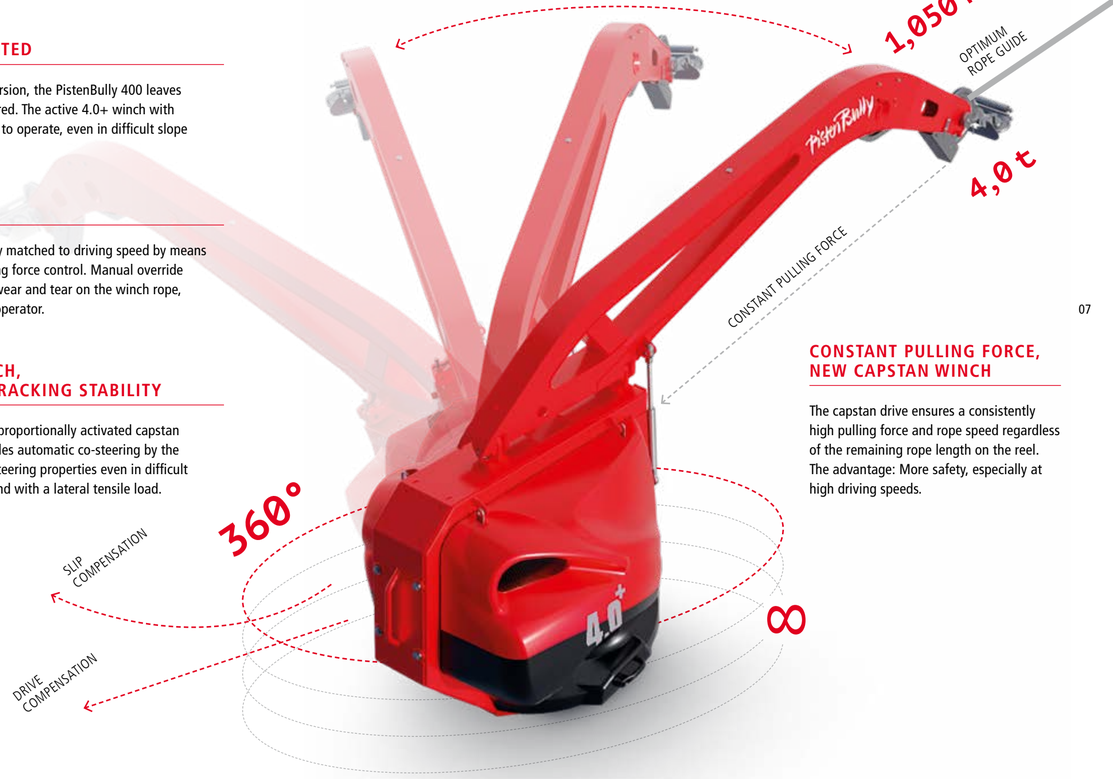
With this winch version, the PistenBully 400 leaves nothing to be desired. The active 4.0+ winch with AutoWinch is easy to operate, even in difficult slope conditions.

AUTOWINCH

Rope speed exactly matched to driving speed by means of automatic pulling force control. Manual override if necessary. Less wear and tear on the winch rope, less strain on the operator.

ACTIVE WINCH, MAXIMUM TRACKING STABILITY

Electronically and proportionally activated capstan winch pump. Enables automatic co-steering by the winch. Optimum steering properties even in difficult slope conditions and with a lateral tensile load.



CONSTANT PULLING FORCE, NEW CAPSTAN WINCH

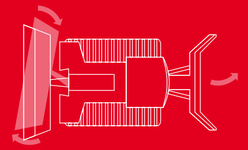
The capstan drive ensures a consistently high pulling force and rope speed regardless of the remaining rope length on the reel. The advantage: More safety, especially at high driving speeds.

AUTOMATICALLY THE BEST SLOPE.

WELCOME TO THE COMFORT ZONE!

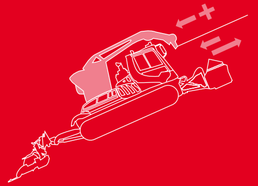
The focus is on the operator: The uniform operating concept of the current generation now also extends to the PistenBully 400. The double-joint joystick allows for control that is both intuitive and individualized. You can assign the function buttons on the armrest and the joystick as you please. A total of four operator profiles can be called up individually in this manner. Large windows, a perfect arrangement and ideal lighting provide a clear overview. Optimized ventilation and a sun sensor for automatic heating and air conditioning regulation create a pleasant cabin climate. And least we forget – there are various storage options and a beverage holder!

BETTER SLOPES. LESS EFFORT. MORE SAFETY.



AUTOTRACER

Rear implement carrier with smart, active steering assistance. Possible in both fixed position (locked) and floating position (released). Automatic steering support while cornering. Left and right. Automatic counter-steering on cross-slopes. Supports operators and lessens their workload.



AUTOWINCH

Intelligent winch with automatic pulling force control. Activated at the control panel. Matches driving speed and winch rope speed.
If there is a deviation, for instance, because of slip, the pulling force is increased. Less wear and tear on the winch rope, less strain on the operator.



ACTIVE WINCH

The active winch 4.0 enables automatic co-steering by the winch. It is easy to operate even in difficult slope conditions and under lateral tensile load.
It unburdens the operator and is gentle on the winch rope.

ALONG WITH THESE INNOVATIONS, A WHOLE ARRAY OF OTHER ASSISTANCE SYSTEMS HELPS MAKE THE PISTENBULLY 400 VERY EASY TO DRIVE AND OPERATE.

PISTENBULLY. FOR THE SNOW OF TOMORROW.
PROVIDING QUALITY, RELIABILITY AND PARTNERSHIP SINCE OUR INCEPTION.



The Kässbohrer name is synonymous with passion for engines, machinery and technology. Our success is fundamentally based on the following principles: Close collaboration with our customers, passion and a team of experts. A PistenBully is and will always remain something very special. It is full of new ideas, technologies and solutions that make it the efficient machine you want on your slopes. You can rely on the "Made in Germany" quality of our products. And on the fact that we place a great deal of value on sustainability and responsible treatment of people, the environment and resources.

With our BLUE IQ corporate strategy, we are working together with our customers to shape the future – comprehensively and actively. As a world market leader, we believe that technological innovations must be integrated into comprehensive concepts. This is why our view of development is not limited to technological aspects. We also give due consideration to economical, ecological and social factors. The result is a portfolio with products that are appropriately matched to each other. For greater customer benefit, higher efficiency and a better environment.

BLUE IQ
A responsible future

ALL-AROUND SAFETY.
FOR SMOOTH SLOPE OPERATION.

RESPONSIBILITY FOR PEOPLE AND THE ENVIRONMENT

With our BLUE IQ corporate philosophy, we accept responsibility for a better future of winter sports through many aspects.

www.kaessbohrerag.com/en/blueiq

BLUE IQ



WORKSHOP TRAINING AND DRIVER TRAINING

For slope management that is efficient and treats resources gently: The training concept includes everything you need to know about the machine and professional slope grooming.

www.proacademy.info

PRO ACADEMY

24 / 365 SERVICE

Being there when we're needed: Thanks to our worldwide service network, we guarantee the deployment of technicians and spare parts within 24 hours.

www.pistenbully.com/en/service

DIGITAL SOLUTIONS

All company divisions on one platform: From slope and fleet management and maintenance to comprehensive management of the ski area. Uses resources economically and ensures significant cost savings.

www.snowsat.com

snowsat

QUALITY SPARE PARTS

Checked for safety and total reliability: The high availability of our original spare parts maintains the value of the vehicle and minimizes downtimes. In every situation, our customers can rely 100 percent on our products made in Germany.

www.pistenbully.com/spare-parts

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