

*PistenBully*<sup>®</sup>

600 Select

**PistenBully 600 Select**

Completely reconditioned,  
as good as new, with full  
new vehicle warranty



*PistenBully*<sup>®</sup>

# Sustainably good: for you and the environment!

All PistenBully vehicles are extremely robust and built to last, because we are convinced that quality always pays off. PistenBully still cut a fine figure even after many hours of work and they deserve to shine like new once again. And we don't just mean on the surface, but down to the smallest detail. All PistenBully 600 Select vehicles are completely reconditioned in-house by the original manufacturer and that includes the engines being serviced at the Mercedes-Benz factory.

Our Select concept is based on two important aspects: firstly we offer you an outstanding alternative to a new vehicle at an unbeatable price. And secondly, we see this extension of the product life cycle as an important part of our environmental and social responsibility.

Because we believe in the quality of our work, we give you a full new vehicle guarantee on your PistenBully 600 Select to ensure you are convinced by it as well.



Jens Rottmair  
Chief Executive Officer



Raimund Mayer  
Head of Service





# PistenBully 600 Select

## Completely reconditioned, as good as new, with full new vehicle warranty

The PistenBully 600 Select offers you lots to smile about. From the high quality standard of the work and the parts used, the new vehicle warranty and the extensive equipment, to an attractive financing and service package\*.

Additionally: because the servicing work is such a lengthy process, we only sell a limited number of PistenBully 600 Select – based on the expected demand from the market. This means we can react to demand immediately without a waiting period, ensuring that a Select is always available for you.

Last but not least, the environment also benefits from PistenBully 600 Select, which is another reason to be happy, because valuable resources are conserved. The PistenBully Select concept is part of BLUE IQ – Kässbohrer Geländefahrzeug AG's philosophy designed to ensure a responsible approach to the future (see page 20 for more details).

### **TOP** Cost-effective

The PistenBully premium machines in new vehicle quality are available at an extremely attractive price.

### **TOP** Quality in every detail

PistenBully 600s are serviced in Laupheim by experienced Kässbohrer service engineers according to the highest quality criteria.

### **TOP** Fully restored engine

The Mercedes-Benz engine is "factory-restored" by its manufacturer. That means: completely disassembled and all parts tested. The engine is then reassembled from scratch so it becomes "like new".

### **TOP** Extensive equipment

Each of the vehicles is equipped as standard with xenon lights and solid tires for greater endurance. New combined tracks, an Alpine or ParkFlexTiller (a new tiller if built in 2007 or earlier, a reconditioned tiller if built from 2008 onwards), plus a completely reconditioned All-Way-Blade, are all included in the equipment package.

### **TOP** Tested safety

Every PistenBully 600 Select is quality tested by Kässbohrer. Before they leave the factory our PistenBully 600 Select are put through the same testing process as new vehicles.

### **TOP** Full new vehicle warranty

PistenBully 600 Select get a full factory warranty just like all new vehicles produced in Laupheim.

### **TOP** Attractive financing deals

PistenBully 600 Select not only offers a coherent overall concept, but is also particularly appealing thanks to its tailor-made financing options. In Germany, for example, with an effective interest rate from 1.99 % p.a. (for other countries on request). Let us advise you.

### **TOP** Training included

Every buyer receives a training voucher to ensure proper handling of their PistenBully 600 Select.

\* depending on the different countries

# PistenBully 600 Select

## Making new from old

### Appraisal



#### Detailed testing report

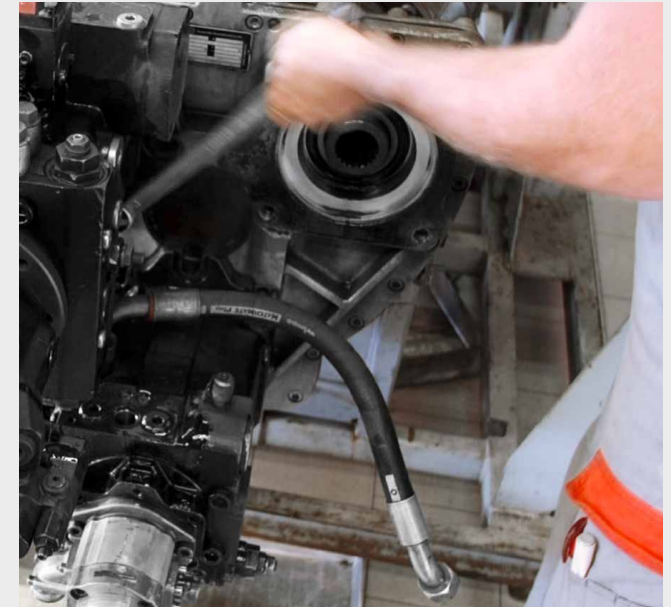
First the PistenBully is appraised by the workshop foreman. All technical functions are reviewed, a test report is created and the required action is defined in a to-do list in collaboration with the experts in the workshop.

### Vehicle disassembly



#### Inspection and replacement of damaged parts

The vehicle is then fully disassembled in our specialist workshop and all the main components are replaced. All parts are tested and damaged parts are repaired. Retrofits are performed if there have been technical improvements since the vehicle was first built.



#### Fine-tuning the wear parts

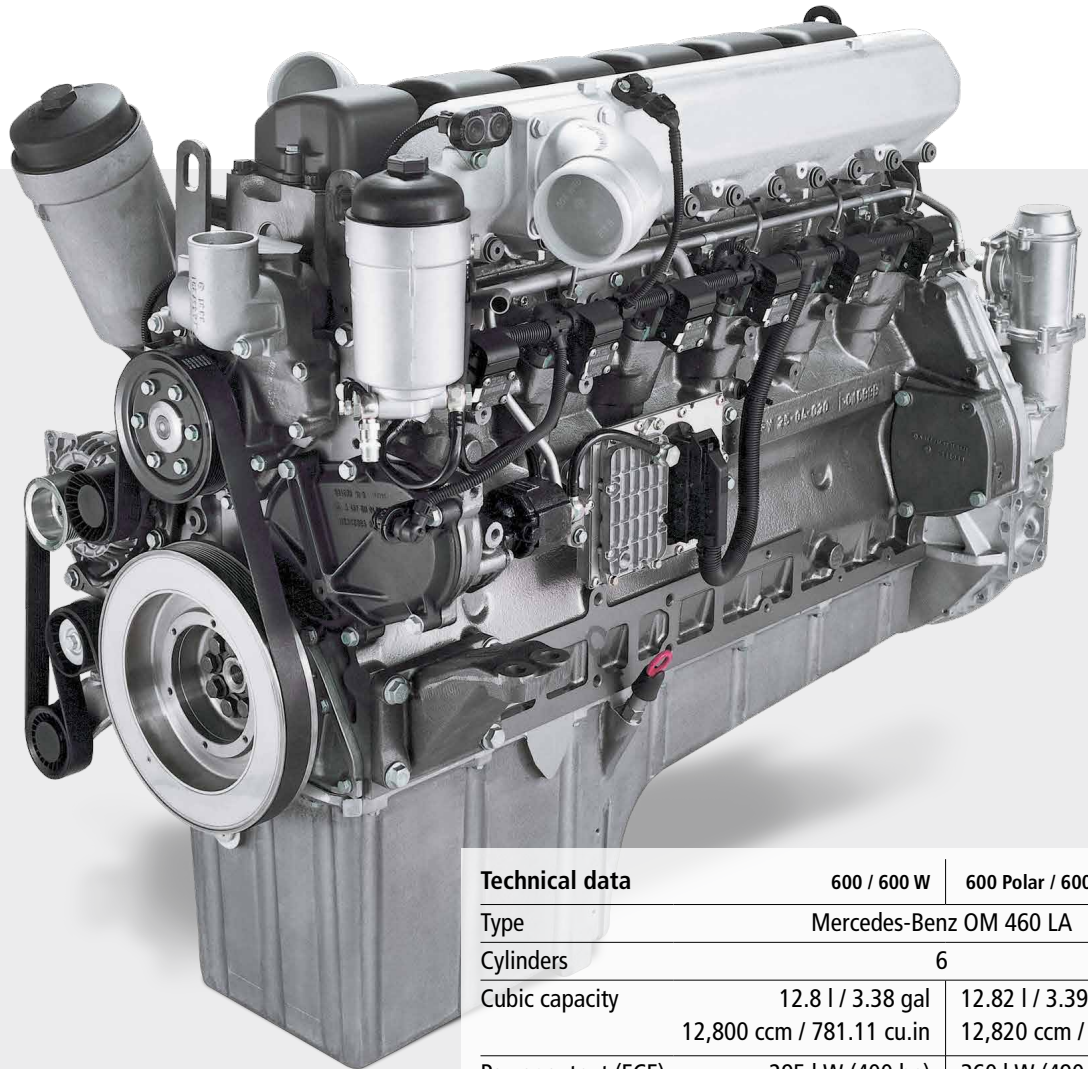
High-pressure hoses and electrical connectors are also repaired during assembly.

## General engine reconditioning



### Engine serviced in-house by Mercedes-Benz

The diesel engine is serviced by Mercedes-Benz and returns to us fully reconditioned – with warranty from Mercedes-Benz. The same goes for the hydraulic pumps and the planetary gear. These too are sent back to the manufacturer for a thorough overhaul.



Technical data	600 / 600 W	600 Polar / 600 W Polar
Type	Mercedes-Benz OM 460 LA	
Cylinders	6	
Cubic capacity	12.8 l / 3.38 gal 12,800 ccm / 781.11 cu.in	12.82 l / 3.39 gal 12,820 ccm / 781.32 cu.in
Power output (ECE)	295 kW (400 hp)	360 kW (490 hp)
Max. torque	1,900 ft lb at 1,300 rpm	2,200 ft lb at 1,300 rpm
Fuel consumption	from 20 l/h / 5.3 gal	
Fuel tank capacity	220 l / 58.1 gal	
Emission standard	Euro 3A and EPA TIER 3	

# PistenBully 600 Select

## Making new from old

### Vehicle assembly



#### Completion

The vehicle is completed with new and reconditioned parts. During this process we insist on the same quality standards as for new vehicle production.

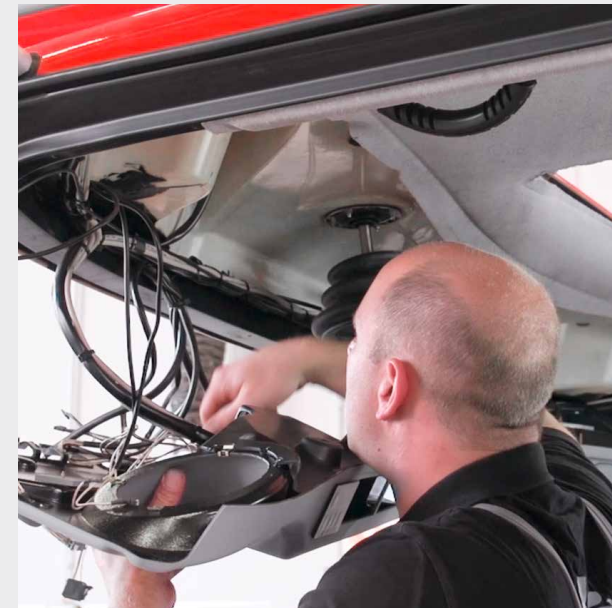
### Paint finish



#### New surface protection

While that is going, on the driver's cab is repainted and the vehicle is refinished with a seamless anti-corrosive coating.

### Cockpit overhaul



#### Cleaning and replacement

The final stages complete the PistenBully 600 Select once again. The cockpit is completely cleaned. The joystick, steering wheel and any damaged parts are replaced.





You can also watch the full  
reconditioning of the  
PistenBully 600 Select as a film:

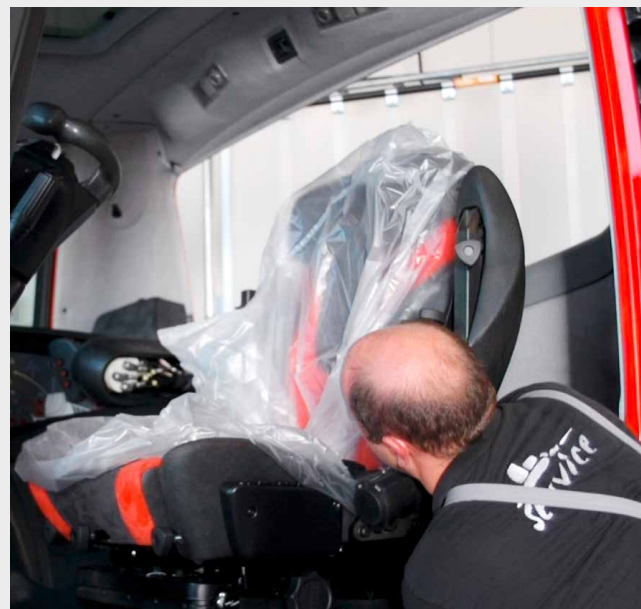


## Completion cabin



### Retrofits

The most important control element, the joystick, is replaced with a new one. Any cockpit elements that have been redesigned or improved are also replaced. The latest version of the software is installed too.



### New driver's seat

The cab also gets a new driver's seat and new headlining – ultimately drivers should feel as comfortable in their workstation as they would in a new vehicle.



### Commissioning

The fully reconditioned cab is put in place, the vehicle is filled with all the necessary supplies and then commissioned.

# PistenBully 600 Select

## As good as new

### Testing and completion



At the end of the multi-week reconditioning process, each PistenBully 600 Select is put through its paces – just like the new vehicles – in the PistenBully test facility. The vehicle is now ready for its “second” life. Every PistenBully Select meets the highest Kässbohrer quality standards. In technology and service alike.

### All-Way-Blade, tiller and tracks



The All-Way-Blade is completely restored separately – metal damage is repaired, and the blade is repainted and given new piping. The old tracks and the tiller are disposed of. The vehicle gets new combined tracks, an Alpine or ParkFlexTiller (a new tiller if built in 2007 or earlier, a reconditioned tiller if built from 2008 onwards).

## New vehicle warranty



PistenBully 600 Select get the full factory warranty like all new vehicles: under the basic warranty – spare parts are supplied and damaged parts are repaired free of charge in the first year / 1,000 operating hours\*, and the costs of the removal and installation work and travel costs (500 operating hours) are covered by Kässbohrer. In the second year / 2,500 operating hours\*, spare parts are supplied and damaged parts are repaired free of charge under the so-called "component warranty".

\*depending on what comes first

**PistenBully 600 Select –  
a sensible investment.  
You'll find a selection  
of fresh Select vehicles  
on our website:  
[www.pistenbully.com/select](http://www.pistenbully.com/select)**



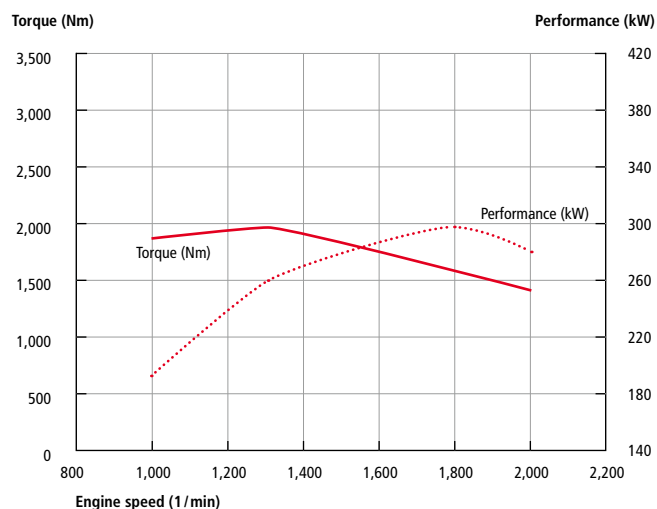




Powerful, young and beautiful – the PistonBully 600 Select once again cuts a perfect figure on the slopes.

# Technical data

## PistenBully 600 / 600 W Select



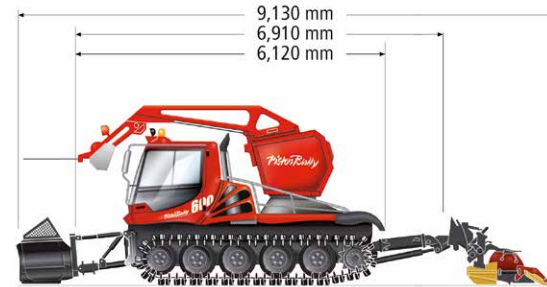
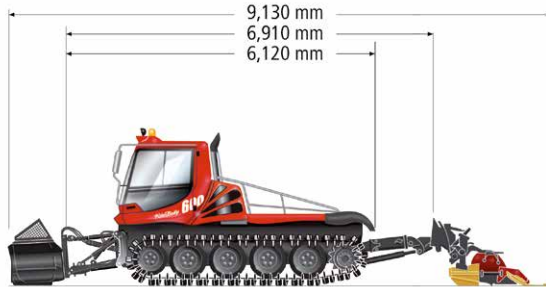
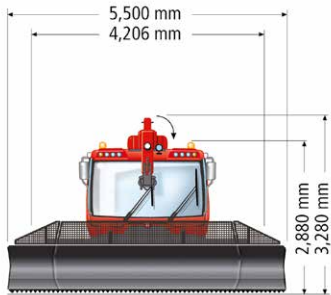
12

Engine	600	600 W
Type	Mercedes-Benz OM 460 LA	
No. of cylinders	6	
Displacement	12.8 l / 3.38 gal 12,800 ccm / 781.11 cu.in	
Power output (ECE)	295 kW / 400 hp	
Exhaust emissions standard	Euro 3A and EPA TIER 3	
Max. torque	1,900 ft lb at 1,300 rpm	
Tank capacity	220 l / 58.1 gal	
Additional tank	80 l / 21 gal	
Fuel consumption	from 20 l/h / 5.3 gal	
Drive pump	140 ccm / 8.54 cu.in	
Traction drive	107 ccm / 6.53 cu.in	
Tiller drive	105 ccm / 6.41 cu.in	

Electrics	600	600 W
Low-voltage system	24 V	
Alternator	28 V / 140 A	
Batteries	2 x 12 V / 135 Ah	
Cold start rating	600 A	

Lightning	600	600 W
Front	4 xenon front-headlights	
Rear	2 xenon rear-headlights	
Lateral	2 TreeLine lights	
Search headlight	Twin bulb spotlight	
Front working lights	2 Xenon lights	

Driving characteristics	600	600 W
Speed	0 – 23 km/h continuously variable	0 – 20 km/h continuously variable
Speed with winch in action	–	0 – 18 km/h 0 – 11 mph
Gradeability	up to 120 %	
Turning radius	on-the-spot	



Cabin	600	600 W
ROPS certified	yes	
Driver's seat	adjustable, air-sprung, heated	
Operating elements	10.4" touchscreen	
Glass	Front, rear and side windows heated	
Rear mirrors	heated	
Wipers	cooling-water heated	

Options	600	600 W
hydraulically foldable sideflaps	optional	
Front high pressure connection	optional	
Solid tires	series	
Harness belt	–	series

Winch superstructure	600 W	
Rope pull	continuously variable	40 kN / 4,000 kp
Rope diameter	11 mm / 0.4"	
Rope length	1,050 m / 3,450 ft	
usable rope length	1,000 m / 3,280 ft	
Rope breaking strain	105 kN / 10,500 kp	
Weight (winch, rope and superstructure)	2,010 kg / 3,748 lbs	

Weights	600	600 W
Tare weight	with combined tracks	8,500 kg / 18,740 lbs
	with steel tracks	9,150 kg / 20,170 lbs
	with X-Track	8,000 kg / 17,640 lbs
Gross weight limit		12,500 kg / 27,556 lbs
		13,500 kg / 29,762 lbs
Payload on platform without winch		1,500 kg / 3,307 lbs
		2,500 kg / 5,510 lbs

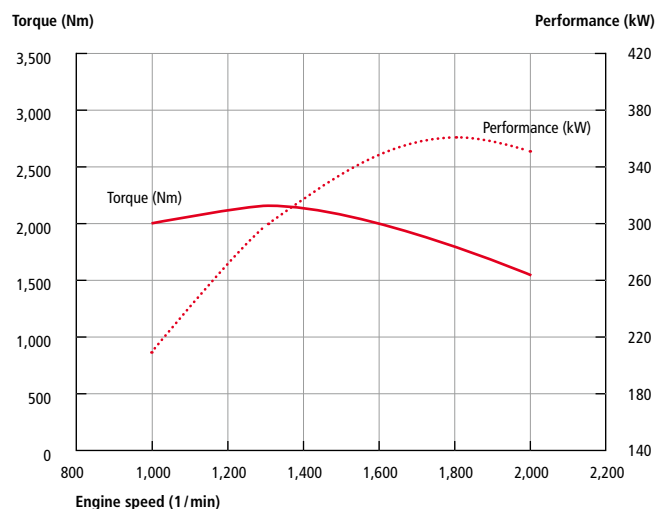
Dimensions	600 / 600 W	
Width	without tracks	2,500 mm / 98.4"
	over combined tracks / steel tracks	4,206 mm / 165.6"
	over X-Track chain	3,146 mm / 124"
	over tiller with intermediate flaps	5,500 mm / 216.5"
Blade	over tiller and foldable sideflaps	6,400 mm / 252"
	Width with wings opened	5,260 mm / 207"
Height	Width with wings closed	4,420 mm / 174"
	Height	1,000 mm / 39.4"
	overall height	2,880 mm / 113.4"
Ground clearance	600 W above winch ready for operation	3,280 mm / 129.1"
	when driver's cabin tilted	3,360 mm / 132.2"
Length	with blade and tiller	9,130 mm / 359.4"
Load area	Length	2,250 mm / 88.6"
	Width	1,920 mm / 75.6"
Suggested garage dimensions	Length	11,000 mm / 433"
	Width	6,000 mm / 236"
	Height	3,500 mm / 138"



Download data sheet as PDF:

# Technical data

## PistenBully 600 Polar / 600 W Polar Select



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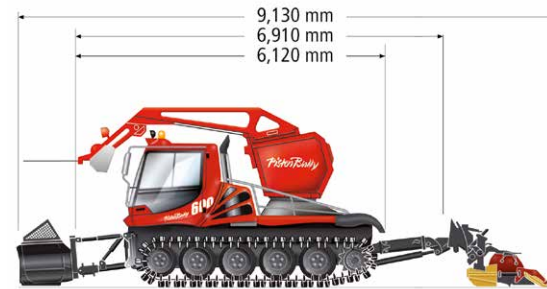
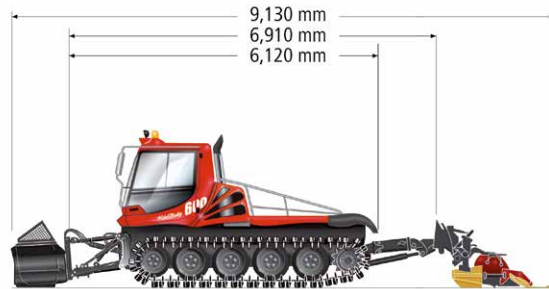
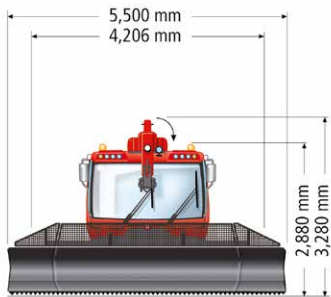
Engine	600 Polar	600 W Polar
Type	Mercedes-Benz OM 460 LA	
No. of cylinders	6	
Displacement	12.82 l / 3.39 gal 12,820 ccm / 781.32 cu.in	
Power output (ECE)	360 kW / 490 hp	
Exhaust emissions standard	Euro 3A and EPA Tier 3	
Max. torque	2,200 ft lb at 1,300 rpm	
Tank capacity	220 l / 58.1 gal	
Additional tank	80 l / 21 gal	
Fuel consumption	from 20 l/h / 5.3 gal	
Drive pump	140 ccm / 8.54 cu.in	
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Alternator	28 V / 140 A	
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Cold start rating	600 A	

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Gradeability	up to 120 %	
Turning radius	on-the-spot	





Cabin	600 Polar	600 W Polar
ROPS certified	yes	
Driver's seat	adjustable, air-sprung, heated	
Operating elements	10.4" touchscreen	
Glass	Front, rear and side windows heated	
Rear mirrors	heated	
Wipers	cooling-water heated	

Options	600 Polar	600 W Polar
hydraulically foldable sideflaps	optional	
Front high pressure connection	optional	
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Harness belt	–	series

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	over X-Track chain	3,146 mm / 124"
	over tiller with intermediate flaps	5,500 mm / 216.5"
Blade	over tiller and foldable sideflaps	6,400 mm / 252"
	Width with wings opened	5,510 mm / 216.9"
Height	Width with wings closed	4,600 mm / 181.1"
	Height	1,180 mm / 46.5"
	overall height	2,880 mm / 113.4"
Ground clearance	600 W Polar above winch ready for operation	3,280 mm / 129.1"
	when driver's cabin tilted	3,360 mm / 132.2"
Length	with blade and tiller	9,130 mm / 359.4"
	with blade and tiller	9,130 mm / 359.4"
Load area	Length	2,250 mm / 88.6"
	Width	1,920 mm / 75.6"
Suggested garage dimensions	Length	11,000 mm / 433"
	Width	6,000 mm / 236"
	Height	3,500 mm / 138"



# PistenBully Service

365 days a year, 24 hours a day:  
our global network is always there  
for you.

## Local service

We know what the breakdown of a snow groomer means to a ski resort. That's why Kässbohrer Geländefahrzeug AG has been investing for decades in a sophisticated, fast-response and globally available service network, which guarantees the availability of service engineers and original spare parts within 24 hours. We now have over 130 service stations and agencies around the world. Because smooth, cost-effective operations are the top priority.

## Advice and training

PistenBully is your partner when it comes to economical use of materials and resources for your fleet. We offer a comprehensive concept of advice and training that will help you to produce the perfect slopes. Technician training ensures your independence and also enables you to perform repairs quickly right in the ski resort.

## Exchange experiences

We share your passion. And we continually exchange experiences with ski resort operators, slope managers and drivers to make sure we're aware of your needs and wishes and to incorporate these in the development of our PistenBully.

You'll find more information on our service concept at:  
[www.pistenbully.com/service](http://www.pistenbully.com/service)

Service partner  
contact list online:



# **PistenBully. For the snow of tomorrow.** Quality, reliability and innovation for over 40 years.

You only get better than “good” with genuine passion and a strong team. A passion for engines, machines and technology is inextricably linked to the Kässbohrer business. Our success is essentially based on these foundations: good ideas that lead to new solutions and a skilled and dedicated team. Our corporate culture encourages a positive innovative climate and enables us to expand our market leadership with fascinating products of the highest quality and reliability.





### **Obligation of quality**

We know the tough conditions in which our vehicles work and the challenges our customers face to work economically. We are convinced that the reliability and quality of our vehicles is the most important added value we can offer our customers.

### **Responsibility for people and the environment**

We see ourselves as a company that takes a responsible approach to its resources, its environment and its relationships with customers, staff and suppliers. Appreciation of people and nature is a valuable asset to us, and this guides our business.

# Blue IQ

## A responsible future

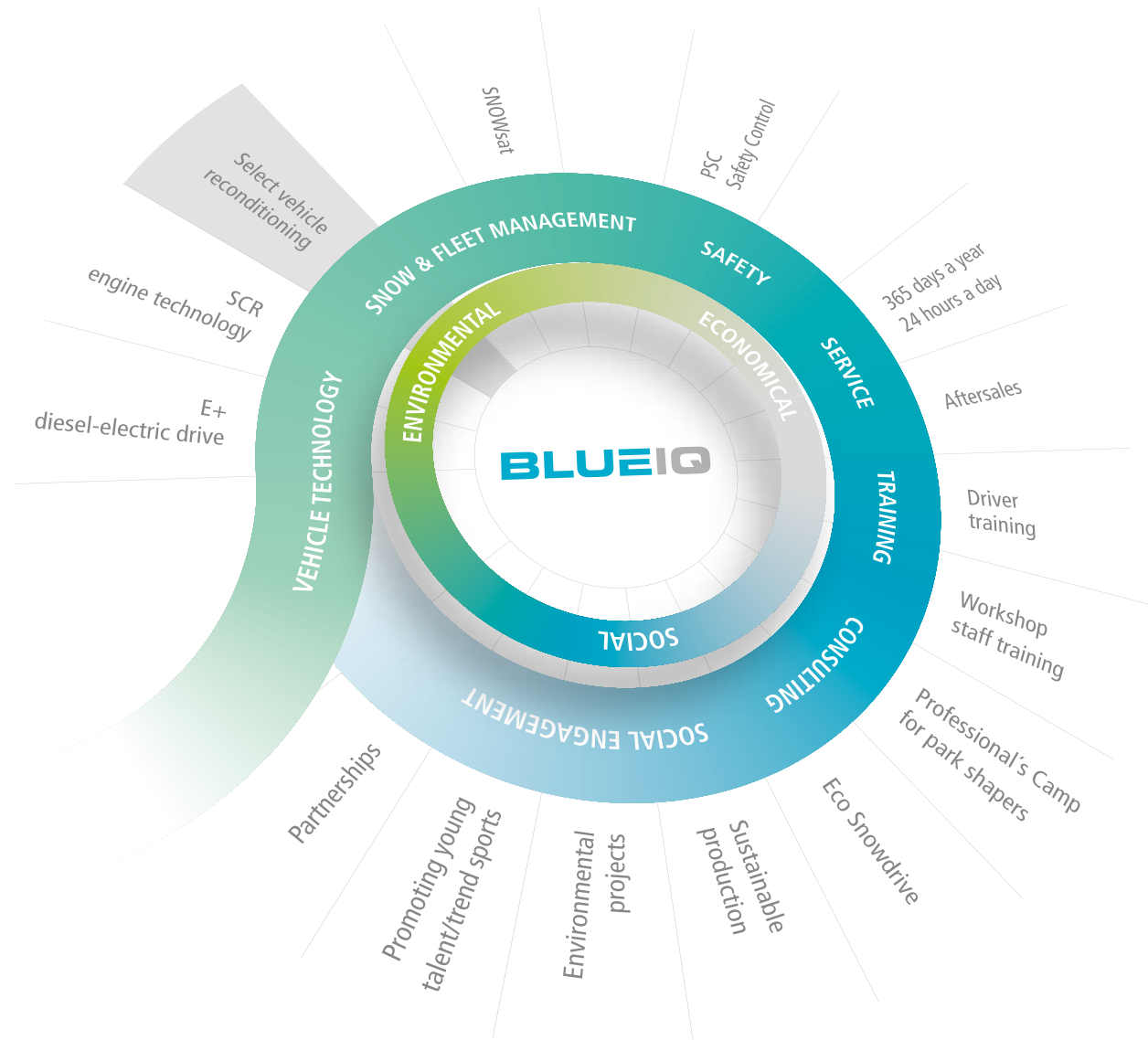
BLUE IQ is Kässbohrer Geländefahrzeug AG's philosophy designed to ensure a responsible approach to the future.

As the world market leader we are convinced that technical innovations must be incorporated into integrated concepts if they are to be sustainable. That's why we combine the economic, environmental and social interactions of winter sport in our 360° approach. The result is a well-thought-out and coordinated portfolio. For more customer benefits, greater cost-effectiveness and a better environment.

20 The PistenBully 600 Select are an essential part of BLUE IQ. With PistenBully Select we double the service life of the product by reconditioning the vehicle and, in so doing, achieve notable savings in valuable resources and energy. The customer benefits from a high-quality product at an attractive price.



A responsible future



*PistenBully*<sup>®</sup>



## The global PistenBully **Service network**

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