

PistenBully®

600 E+

PistenBully 600 E+

The diesel-electric power pack for maximum area performance.



PistenBully®

Quality made in Germany.

A PistenBully is and remains something special. It encompasses new ideas, technologies and improvements that make it an efficient, safe and user-friendly partner on the slopes. You can rely on the quality of our products made in Germany. And on the fact that sustainability and a responsible approach to people, the environment and resources are an integral part of our philosophy. We use this philosophy to manufacture vehicles that have a concentrated charge of passion and innovation.

As a result, a PistenBully doesn't just do its job. It impresses!
That is and remains our standard.



Jens Rottmair
Chief Executive Officer

Michael Kuhn
Head of Development

Jens Rottmair
Chief Executive Officer





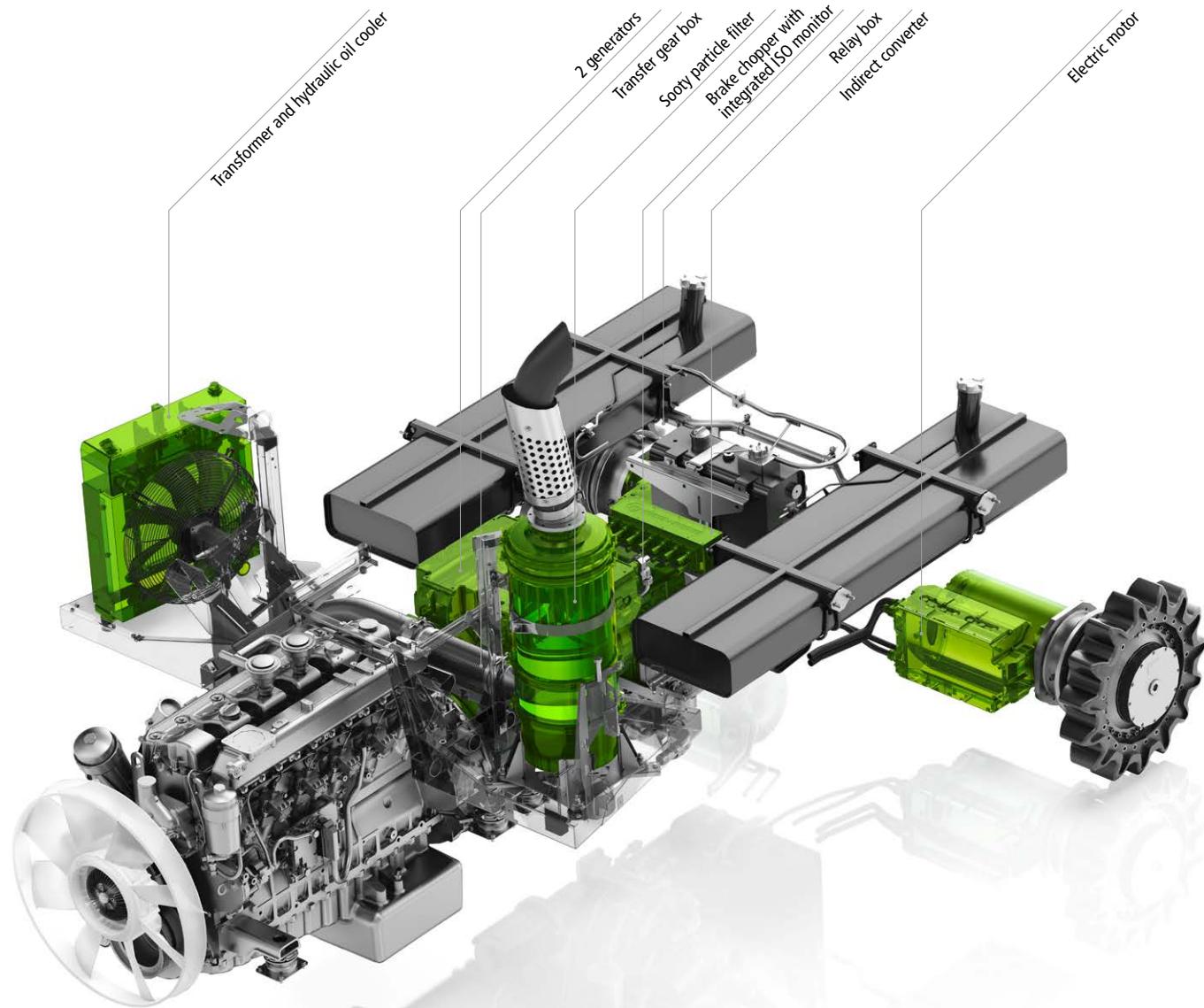
**GOOD FOR
NATURE,
GOOD FOR
YOUR IMAGE.**





BLUE IQ

A responsible future



Less noise. Less fuel. Our 600 E+.

And assumes responsibility for people and the natural environment.

⊕ The best of two systems: our diesel-electric drive

The world's first snow groomer with a diesel-electric drive impresses thanks to its performance figures, its cost-effectiveness and its low environmental impact. The high efficiency reduces fuel consumption and emissions of NO_x and CO₂ by 20 % in each case! In addition, 99 % fewer sooty particles are released into the environment.

⊕ Highest power development at low engine speed

The electric drive is not only highly effective, but also guarantees a consistently high torque. Thus, the power is immediate and can also be accessed at low engine speeds, which gives the PistenBully 600 E+ a completely new driving feel with unbelievable thrust from a standing start.

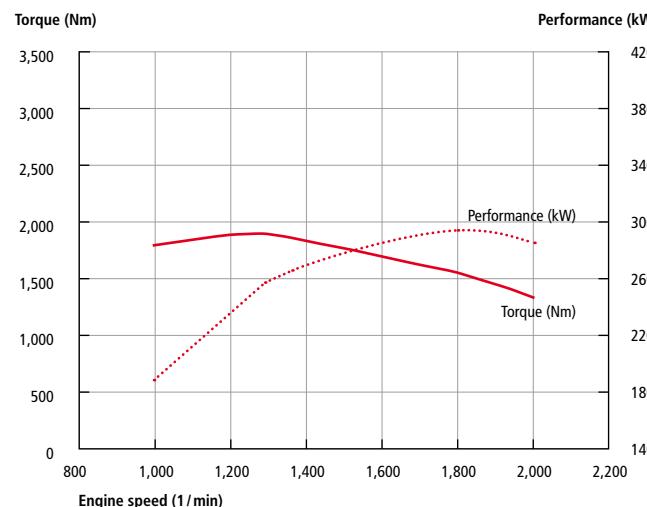
⊕ High energy efficiency and energy recovery on the downhill rides

The constant operation of the diesel engine in the optimum speed range makes it extremely efficient and economical. The intelligent energy management ensures that energy produced on the downhill rides flows directly back into the drive for the snow tiller.

The 6-cylinder in-line engine from Mercedes-Benz has a capacity of 12.82 litres and delivers 295 kW (400 hp). It is supplemented by electric power units of two generators, drive motors and a tiller drive. The engine also has a turbocharger and intercooling with electronically controlled unit injectors.

⊕ Good for nature, good for your image

- 20 % less CO₂ and NO_x emitted
- Significantly lower fuel consumption
- Maximum thrust at low revs
- Greatly reduced operating costs
- Durable and low-maintenance electrical drive train
- Low noise emission



Technical data for the PistenBully 600 E+

Engine

Type	Mercedes Benz OM 460 LA
No. of cylinders	6
Displacement	12.82 l / 12,820 ccm
Power output (ECE)	295 kW / 400 hp
Exhaust emissions standard	Tier 3, EUROMOT 3A
Max. torque	1,900 Nm at 1,300 rpm
Tank capacity	275 l
Additional tank	–
Fuel consumption	from 16 l/h
Generators	140 kW / 650 V
Traction drive	140 kW / 650 V
Tiller drive	140 kW / 650 V

Driving characteristics

Speed	0 – 20 km/h, continuously variable
Gradeability	up to 100 %
Turning radius	on-the-spot

Electrics

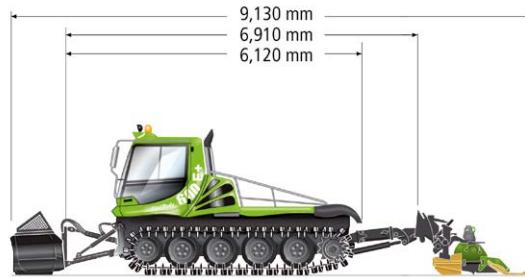
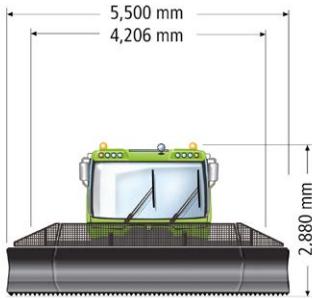
Low-voltage system	24 V
Alternator	24 V / 140 A
Batteries	2 x 12 V / 135 Ah
Cold start rating	900 A

Lightning

Front	4 xenon front-headlights
Rear	2 xenon rear-headlights
Lateral	2 TreeLine lights
Search headlight	Twin searchlights

Cabin

ROPS certificat	yes
Driver's seat	adjustable, air-sprung, heated
Operating elements	10.4" touchscreen
Glazing	Front, rear and side windows heated
Rear mirrors	heated
Wipers	cooling-water heated



Weights

Tare weight*	with combined tracks	from 8,690 kg
	with steel tracks	from 9,330 kg
	with X-Track chain	from 8,150 kg
Permissible gross weight		12,500 kg
Payload on platform		1,500 kg

*In acc. with ISO 1176/M6, net weights may vary depending on equipment.

Dimensions

Width	without tracks	2,500 mm
	over Combi tracks / steel tracks	4,206 mm
	over X-Track	3,100 mm
	over tiller with intermediate flaps	5,500 mm
	over tiller and foldable sideflaps	6,400 mm
Blade	width open	5,260 mm
	width wide	4,420 mm
	Height	1,000 mm
Height	overall height	2,880 mm
	when driver's cabin tilted	3,360 mm
	Ground clearance	350 mm
Length	with blade and tiller	9,130 mm
Load area	Length	2,250 mm
	Width	1,920 mm
Recommended garage dimensions	Length (track setters folded up)	11,000 mm
	Width	6,000 mm
	Height	3,500 mm



PistenBully Service

We are here. Always.

Day after day, we are working to make PistenBully even better. That applies to service too: we deliver spare parts as quickly as possible to every part of the globe. 365 days a year, 24 hours a day. We want to convince with our individual services, inspiring customers to go for the whole package.

- ⊕ Over 25,000 original spare parts in stock
- ⊕ All spare parts of OEM quality
- ⊕ Tested safety and high reliability
- ⊕ Evaluation of telemetry data
- ⊕ Service hotline: 24 hours a day, 7 days a week
- ⊕ Express delivery across Europe: overnight. Worldwide: max. 3 days
- ⊕ Expert advice on spare parts
- ⊕ Digital and up-to-date spare parts catalogue incl. order function
- ⊕ Spare parts for machines up to 25 years after series discontinued
- ⊕ Comprehensive advice and training concept
- ⊕ Advice on economical and eco-friendly use of your fleet
- ⊕ Technical training for fast maintenance right in the ski resort
- ⊕ External customer support – from the North Pole to the Antarctic

Global and yet very close

To this end, we now have over 130 service stations and agencies around the world. This means we are always on hand for our customers. We meet the challenges and are continually working to improve our products and services. Because we know: smooth, cost-effective operations are the top priority.

You'll find more information on our service concept at:
www.pistenbully.com/service

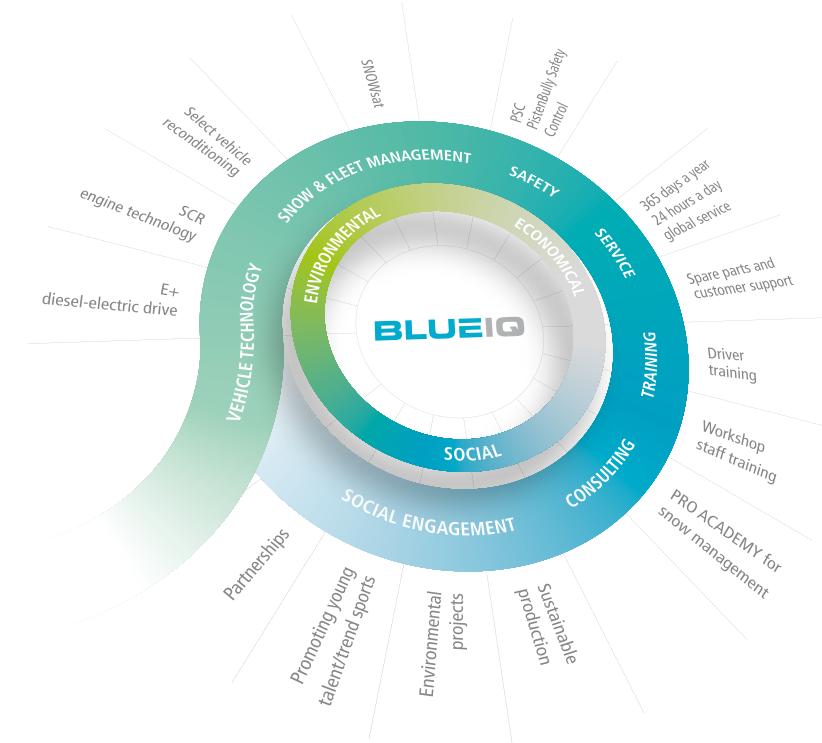


PistenBully. For the snow of tomorrow. Quality, reliability and partnership for over 45 years.

A company can only improve with genuine passion and a strong team. A passion for engines, machines and technology is inextricably linked to the Kässbohrer business. Our success essentially rests on these foundations: close cooperation with our customers, simple and fast solutions and a qualified and committed team.

A PistenBully is and remains something special. It encompasses new ideas, technologies and improvements that make it an efficient partner on the slopes. You can rely on the quality of our products made in Germany. And on the fact that sustainability and a responsible approach to people, the environment and resources are an integral part of our philosophy.





BLUE IQ – responsibility for people and the environment

With our corporate philosophy, BLUE IQ, we are working actively with our customers to shape the future. As the global market leader we are convinced that technical innovations must be incorporated into integrated concepts. That's why we take the economic, ecological and social aspects into account in addition to technical factors. The result is a well-thought-out and coordinated portfolio. For more customer benefits, greater cost-effectiveness and a better environment.



A responsible future



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The global PistenBully network.

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KÄSSBOHRER GELÄNDEFAHRZEUG AG



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