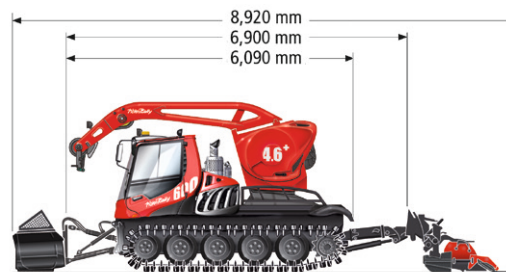
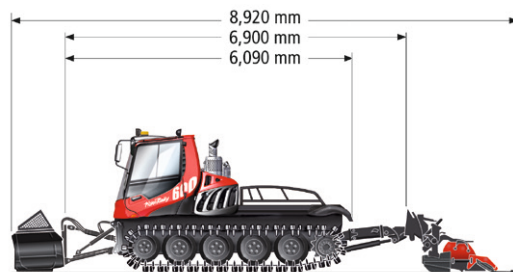
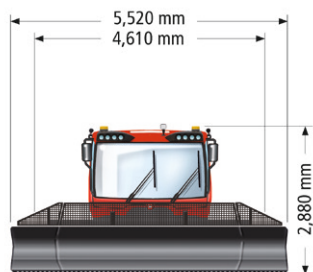


Intuition meets innovation – the new PistenBully 600 Polar

PistenBully®

600 Polar



- + Clean 6-cylinder engine with 512 hp (382 kW) and powerful torque (EU Stage V)
- + Reduced weight coupled with increased performance for maximum power-to-weight and with it improved climbability
- + Intuitive and patented joystick for proportional control of 4 blade functions at the same time
- + Patented iTerminal with 10-inch touch display and color highlighting of active vehicle systems for simple operation
- + Ergonomic and patented unit of seat, steering wheel, armrest and joystick with individual adjustment options
- + Patented assist systems like SnowTronic, AutoTracer and automatic winch pulling force means perfect grooming results, side hold and maneuverability
- + Reinforced chassis with 4 drawn and adjustable running axles for unsurpassed pushing performance
- + LED lights, LED headlights and camera for best all-round visibility

Dimensions

600 Polar / 600 Polar W		
Width	without tracks	2,500 mm
	over 7-belt CombiPlus Track 1,650 mm	4,210 mm
	over steel tracks 1,650 mm	4,210 mm
	over X-track 975 mm	3,150 mm
	over AFF 5.5 m with interim finisher	5,480 mm
Blade	over AFF Comfort 5.5 m with hydr. foldable side finishers	5,480 – 5,860 mm
	Width open	5,520 mm
	Width closed	4,610 mm
Height	Height	1,290 mm
	Overall	2,880 mm
	over ready-to-use winch	3,280 mm
	when driver's cab tilted	3,360 mm
Ground clearance		350 mm
Length	with blade and tiller	8,920 mm
	Length	1,890 mm
Deck area	Width	1,920 mm
	Width	1,920 mm
Recommended garage size	Length	11,000 mm
	Width	6,000 mm
	Height	3,500 mm

Winch superstructure

600 Polar W	
Winch superstructure continuous, automatic	45 kN/4.6 t
Rope diameter	11 mm
Rope length	1,050 m
Usable rope length	1,000 m
Rope breaking strength	128 kN/13.1 t
Weight (winch, rope, superstructure)	2,110 kg

Weight

		600 Polar	600 Polar W
Tare weight	Veh. without tracks / SWS	6,520 kg	8,930 kg
	X-track 975 mm	1,280 kg	1,280 kg
	7-belt CombiPlus Track 1,650 mm	2,030 kg	2,030 kg
	Steel track 1,650 mm	2,500 kg	2,500 kg
Working weight	Veh. with CombiPlus Track / Blade / Tiller	10,780 kg	13,190 kg
	perm. total weight	13,500 kg	14,500 kg
Payload load area		1,500 kg	2,500 kg
Power-to-weight ratio		28.21 kg/KW	34.52 kg/KW

Cab

Comfort heating system	With automatic function and continuous temperature adjustment
Driver's seat	Air-sprung comfort, multi-adjustable mechanically and pneumatically, seat heating and ventilation
Control elements	Joystick for 4 simultaneous movements, iTerminal, armrest
Windows	Heated front and rear windows, sliding, heated side windows
Exterior mirrors	Heated and electrically adjustable, wide-angle
Windshield wipers	Coolant-heated, windshield wash system (winch only)

Electrics

Low-voltage system	24 V
Alternator	24 V / 180 A
Batteries	2 x 12V / 152 Ah
Cold start rating	1,130 A

Lighting

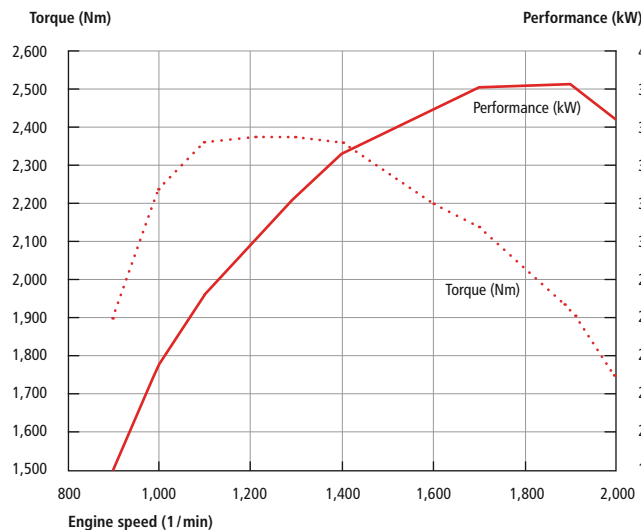
Front	4 LED headlights, 6 LED working lights (2 of them on the handrail)
Rear	2 LED working lights, 2 xenon working lights
Side (supporting frame)	2 LED working lights
Cabin roof	1 LED spotlight

Attachments

All-Way-Blade 4.6 m	with snow gun bracket
AlpineFlexTiller 5.5 m	with guides, mech. lock and LED lighting
AlpineFlexTiller Comfort 5.5 m	with hydr. foldable side finishers, hydr. lock and LED lighting

Drive characteristics

	600 Polar	600 Polar W
Speed	0 – 23 km/h, infinitely variable	0 – 20 km/h, infinitely variable
Speed with winch in operation		0 – 17 km/h
Grade ability	up to 100%	
Turning radius	on the spot	



Engine

Type	Cummins X 12
Number of cylinders	6
Capacity	11.80 l / 11,800 ccm
Power output (ECE)	382 kW / 512 hp
Emission standard	Tier 4f and EU Stage V
Max. torque	2,375 Nm / 1,200 rpm
Tank capacity	300 l
Tank capacity DEF (AdBlue®)	38 l
Fuel consumption	from 19.5 l/h
Drive pump	175 ccm
Drives	125 ccm
Tiller drive	105 ccm

Options

Stick control
Hydraulic oil preheater
Front high-pressure connection (technical set)
Auxiliary heating (coolant circuit)
Automatic air conditioning
Rear camera (standard with winch)
Sound package (Alpine subwoofer and booster)
SNOWsat (V1 / V3)
Charge pressure reduction cold start aid
Trailer hitch
1,400 m winch rope