

Technical data

PistenBully 400 4F / 400 W 4F

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Engine	400 4F	400 W 4F
Type	Cummins QSL9 Tier4f	
No. of cylinders	6	
Displacement	8.9 l / 2.4 gal 8,900 ccm / 543 cu.in	
Power output (ECE)	298 kW / 400 hp	
Exhaust emissions standard	EPA Tier4f / EU Stage IV	
Max. torque	1,627 Nm / 1,120 ft lbs at 1,500 rpm	
Tank capacity	260 l / 69 gal	
Tank capacity	from 19 l/h / 5 gal	
Drive pump	140 ccm / 8.5 cu.in	

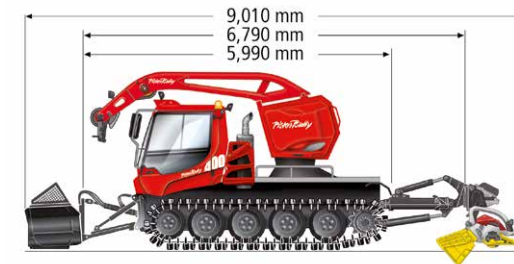
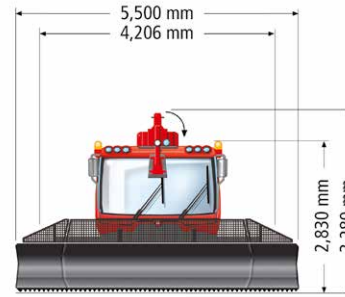
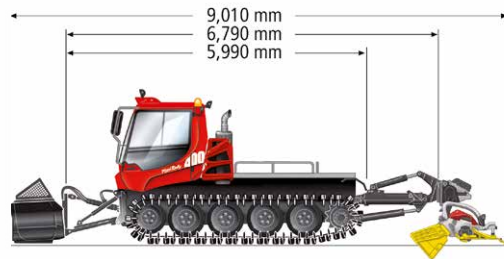
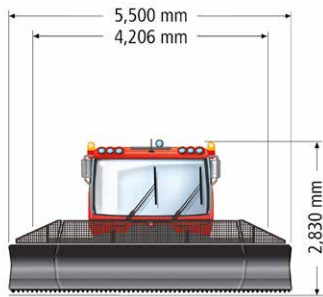
Driving characteristics	400 4F	400 W 4F
Speed	0 – 21 km/h / 0 – 13 mph continuously variable	0 – 19 km/h / 0 – 12 mph continuously variable
Speed with winch in action		0 – 17 km/h / 0 – 11 mph
Gradeability	up to 100%	
Turning radius	on-the-spot	

Electrics	400 4F	400 W 4F
Low-voltage system	24 V	
Alternator	24 V / 140 A	
Batteries	2 x 12 V / 135 Ah	
Cold start rating	900 A	

Lightning	400 4F	400 W 4F
Front	2 H7 front-headlights and 2 H11 working headlight	
Rear	2 H11 rear-headlights	
Lateral	Side Finder	
Tree line lights	optional	
Search headlight	Twin searchlights	
Additional headlight	–	2 x LED 2,200 lm on winch boom

Cabin	400 4F	400 W 4F
ROPS certificat	yes	
Driver's seat	adjustable	
Operating elements	display with touchscreen	
Glazing	Front, rear and side windows heated	
Rear mirrors	heated	
Wipers	cooling-water heated	

Options	400 4F	400 W 4F
Hydraulically foldable sideflaps	optional	
Front high pressure connection	optional	
LED lighting package	optional	
Solid tires	optional	series
Magnum sprocket	optional	
Hydraulic oil pre-heating	optional	
Trailer hitch	optional	
Cableway emergency operation	optional	
Foldable galery	optional	
Rear camera	optional	series
Harness belt	optional	series



Winch superstructure		400 W 4F	
Rope pull	continuously variable	40 kN / 4,080 kp	
Rope diameter		11 mm / 0.4"	
Rope length		1,050 m / 1,148 yd	
Usable rope length		1,000 m / 1,094 yd	
Rope breaking strain		130 kN / 13,256 kp	
Drive rating	at 40 kN pull	110 kW / 150 PS	
Weight (winch, rope and superstructure)		1,900 kg / 4,189 lbs	

Weights		400 4F	400 W 4F
Tare weight*	with combined tracks, from	8,045 kg / 17,736 lbs	10,040 kg / 22,134 lbs
	with steel tracks, from	8,645 kg / 19,059 lbs	10,670 kg / 23,523 lbs
Gross weight limit		11,800 kg / 26,015 lbs	12,200 kg / 26,896 lbs
Payload on platform		1,500 kg / 3,307 lbs	2,500 kg / 5,512 lbs

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

Dimensions		400 4F / 400 W 4F
Width	without tracks	2,500 mm / 98.4"
	over combined tracks / steel tracks	4,206 mm / 165.6"
	over tiller with intermediate flaps	5,500 mm / 216.5"
	over tiller and foldable sideflaps	6,400 mm / 252"
Blade	width open	5,260 mm / 207"
	width wide	4,420 mm / 174"
Height	Height	1,000 mm / 39.4"
	above everything	2,830 mm / 111.4"
	400 W 4F above winch ready for operation	3,280 mm / 129.1"
	when driver's cabin tilted	3,250 mm / 128"
Ground clearance		350 mm / 13.8"
Length	with blade and tiller	9,010 mm / 354.7"
	with blade, tiller and track-setters	10,310 mm / 405.9"
Load area	Length	2,120 mm / 83.5"
	Width	1,920 mm / 75.6"
Suggested garage dimensions	Length	11,000 mm / 433"
	Width	6,000 mm / 236"
	Height	3,500 mm / 138"