

Technical data

PistenBully 600 Polar SCR / 600 W Polar SCR

Engine	600 Polar SCR	600 W Polar SCR
Type	Mercedes Benz OM 460 LA	
No. of cylinders	6	
Displacement	12.82 l / 12,820 ccm	
Power output (ECE)	375 kW / 510 hp	
Exhaust emissions standard	Tier 4i	
Max. torque	2,200 Nm at 1,300 rpm	
Tank capacity	275 l	
Additional tank	–	
Tank capacity AdBlue®	40 l	
Fuel consumption	from 20 l/h	
Drive pump	175 ccm	
Traction drive	125 ccm	
Tiller drive	105 ccm	

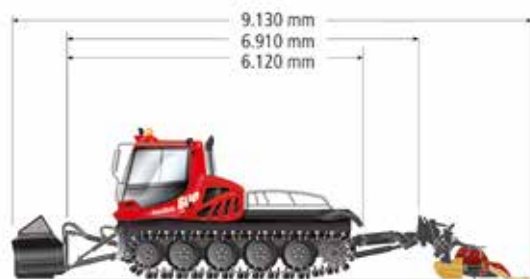
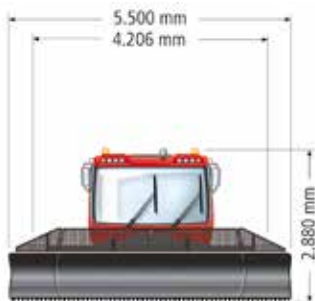
Driving characteristics	600 Polar SCR	600 W Polar SCR
Speed	0 – 23 km/h, continuously variable	0 – 20 km/h, continuously variable
Speed with winch in action	0 – 17 km/h	
Gradeability	up to 100%	
Turning radius	on-the-spot	

Electrics	600 Polar SCR	600 W Polar SCR
Low-voltage system	24 V	
Alternator	24 V / 140 A	
Batteries	2 x 12 V / 135 Ah	
Cold start rating	900 A	

Lighting	600 Polar SCR	600 W Polar SCR
Front	4 xenon	
Rear	2 xenon rear-headlights	
Lateral	2 TreeLine lights	
Search headlight	Twin searchlights	
Additional headlight	–	on winch boom

Cabin	600 Polar SCR	600 W Polar SCR
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	Windshield washer system front / rear

Options	600 Polar SCR	600 W Polar SCR
hydraulically foldable sideflaps	optional	
front high pressure connection	optional	
solid tyres	optional	series
hydraulic oil pre-heating	optional	
trailer hitch	optional	
cableway emergency operation	optional	
rear camera	optional	series
harness belt	optional	series



Winch superstructure

600 W Polar SCR

Rope pull	continuously variable	45 kN / 4,590 kp
Rope diameter		11 mm
Rope length		1,050 m
Usable rope length		1,000 m
Rope breaking strain		130 kN / 13,256 kp
Drive rating	at 40 kN pull	110 kW / 150 hp
Weight (winch, rope and superstructure)		2,185 kg

Weights

600 Polar SCR

600 W Polar SCR

Tare weight	with combined tracks	8,500 kg	10,800 kg
	with steel tracks	9,150 kg	11,450 kg
	with X-Track chain	7,960 kg	10,280 kg
Gross weight limit		12,500 kg	13,500 kg
Payload on platform		1,500 kg	2,500 kg

Dimensions

600 Polar SCR / 600 W Polar SCR

Width	without tracks	2,500 mm
	over combined tracks / steel tracks	4,206 mm
	over X-Track chain	3,100 mm
	over tiller with intermediate flaps	5,500 mm
	over tiller and foldable sideflaps	6,050 mm
Blade	width open	5,510 mm
	width wide	4,600 mm
	Height	1,180 mm
Height	above everything	2,880 mm
	above winch ready for operation	3,280 mm
	when driver's cabin tilted	3,360 mm
Ground clearance		350 mm
Length	with blade and tiller	9,130 mm
Load area	Length	1,890 mm
	Width	1,920 mm
Suggested garage dimensions	Length	11,000 mm
	Width	6,000 mm
	Height	3,500 mm