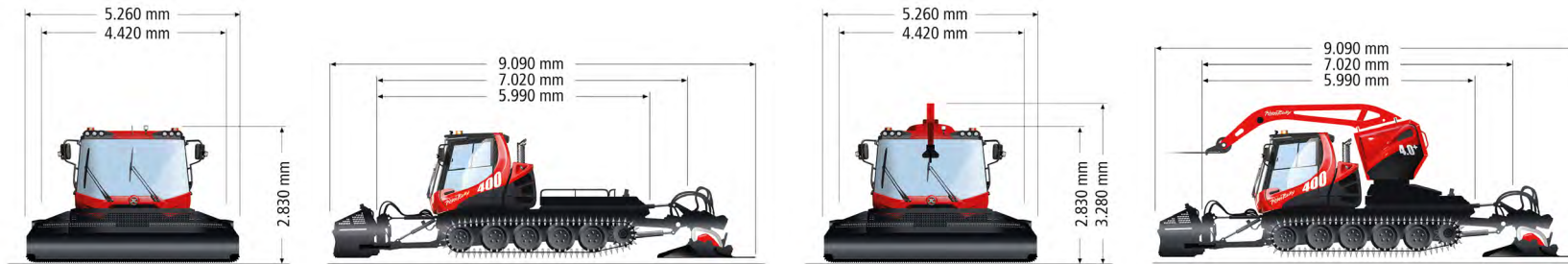


# The new PistenBully 400

PistenBully®

400



- ⊕ Clean 6-cylinder engine with 435 metric HP (320 kW) and powerful torque (Tier 4 final and EU Stage V)
- ⊕ Intuitive, patented joystick for proportional control of 4 blade functions at the same time
- ⊕ Patented iTerminal with touch display and color marking of the active vehicle parts for easy operation
- ⊕ Ergonomic and patented unit consisting of seat, steering wheel, armrest and joystick with adjustment options to suit individual needs and preferences
- ⊕ Storage of 4 driver settings
- ⊕ Precise and proportional auxiliary hydraulics with charge pressure reduction
- ⊕ Patented assistance systems like AutoTracer, ActiveWinch and AutoWinch for ideal grooming results, side hold and maneuverability
- ⊕ Rear implement carrier with vibration compensation and lateral damping for greater driving comfort
- ⊕ Reinforced tensioning axle and stronger propulsion drives
- ⊕ Halogen/LED lighting and rear camera for the best 360-degree view

## Dimensions

		400 / 400 W
Width	without tracks	2,500 mm
	over 6-belt CombiPlus tracks 1628 mm	4,180 mm
	over X-track 1150 mm	3,470 mm
	over AFF Comfort 5.5 m with foldable side finishers	5,480 mm
All Way Blade	Width, open	5,260 mm
	Width, closed	4,420 mm
	Height	1,010 mm
Height	overall	2,830 mm
	over winch operating range	3,280 mm
	with driver's cab tilted	3,310 mm
Ground clearance		350 mm
Length	with pusher blade and cutter	9,090 mm
	with pusher blade, tiller and track profiler	10,070 mm
Load area	Length	2,120 mm
	Width	1,920 mm
Recommended garage dimensions	Length	11,000 mm
	Width	6,000 mm
	Height	3,500 mm

## Winch assembly

		400 W
Pulling force stepless, automatic		40 kN / 4,080 kp
Rope diameter		11 mm
Rope length		1,050 m
Usable rope length		1,000 m
Calculated breaking load of the rope		135 kN / 13,770 kp
Weight (winch, rope and mount)		2,095 kg

## Weights

		400	400 W
Empty weight	Vehicle without tracks / quick-change system	5,570 kg	8,000 kg
	X-Track 1150 mm	1,490 kg	1,490 kg
	6-belt CombiPlus tracks 1628 mm	2,085 kg	2,085 kg
Application weight	Vehicle with CombiPlus Tracks / Front blade / Tiller	from 9,865 kg	from 12,295 kg
	Permitted total weight	13,500 kg	14,200 kg
Payload, load platform		1,500 kg	2,500 kg
Power-to-weight ratio		30.82 kg/kW	38.42 kg/kW

**Cab**

Comfort heating system	With automatic function and stepless temperature adjustment
Driver's seat	Air-suspended, multiple adjustment positions, seat heating unit
Control elements	Joystick for 4 simultaneous movements, iTerminal, armrest
Windows	Windscreen and rear window heated, side windows sliding and heated
Outside mirrors	Heated and electrically adjustable, wide-angle
Wiper	Heated by engine coolant Windshield washer system (winch only)

**Electrics**

Low-power system	24 V
Alternator	24 V / 180 A
Batteries	2 x 12 V / 135 Ah
Cold-start power as per EN	900 A

**Lighting**

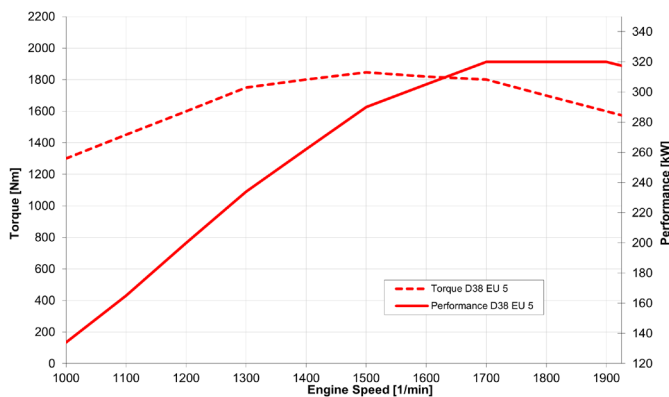
Front	4 halogen headlights, 2 halogen worklights 2 LED worklights (BladeFlap)
Rear	2 LED worklights 2 LED worklights (TillerFlap)
Sides (carrier frame)	2 LED worklights (SideFinder)
Cab roof	1 LED searchlight

**Auxiliary equipment**

AllWayBlade 4.4 m	With/without snowgun holder
AlpineFlexTiller Comfort 5.5 m	With hydr. side finishers, hydr. lock, LED lighting, camera

**Driving characteristics**

	400	400 W
Speed	0 – 21 km/h, stepless	0 – 19 km/h, stepless
Speed during winch operation		0 – 17 km/h
Climbing ability	Up to 100%	
Turning radius	On the spot	

**Power and torque L9 EU StageV**

**Engine**

Type	Cummins L 9
Number of cylinders	6
Displacement	8.90 l / 8,900 cc
Power in accordance with ECE	320 kW / 435 metric HP
Emission standard	Tier 4f and EU Stage V
Max. torque	1,846 Nm / 1,500 rpm
Tank capacity solo	240 l
Tank capacity winch	240 l
DEF (AdBlue®) tank capacity	36 l
Fuel consumption	from 19.5 l/h / 5 gal/h
Traction drive pump	145 cc
Propulsion drive	107 cc
Tiller drive pump	105 cc
Tiller drive	2 x 63 cc

**Options**

Stick steering
Hydraulic oil preheating
Front high-pressure connection (technology package)
Auxiliary heating
Automatic luxury climate control system
Professional sound package (Alpine subwoofers and amplifiers)
SNOWsat (V1 / V2 / V3 and LiDAR)
LED light package
Trailer hitch
Luxury seat with lumbar support, two-stage seat heating unit & seat entilation
Solid rubber wheels
Tracker unit preparation
Central locking
Additional tank 120 l