



TrailBully



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A *PistenBully* through and through. Designed and engineered for just one purpose—grooming snowmobile trails. The Trail Bully is the ideal synthesis of power, performance, reliability and economy. The drive train provides plenty of power for trail preparation yet is thrifty when it comes to fuel consumption. Functional in every respect, the TrailBully's front mount All-Way blade has moveable wings. The operator easily moves precious snow from the trail's edge to center with a simple stroke of the blade control handle.

Equipped with a rugged chassis and 5 axle independent heavy duty suspension the TrailBully has a long wheel base. The frame is designed for towing featuring a specially designed drawbar. High ratio planetary drives deliver more tractive effort to the snow. High performance rubber tracks round out the package. The "X track" from PistenBully provides traction when pulling drags in hard, icy snow conditions yet will not damage pavement when crossing roadways. Best of all, the TrailBully will provide years of dependable service.



Driver-friendly cockpit

A driver's cab with an exciting profile, large windows for better all-round vision. After dark, the complete work area is well lit. The TrailBully is easy to operate. The cabin is quiet and the ride is smooth. Comfort for the long ride ahead.

From driver's seat to steering wheel, all details have been consistently attuned to the driver's needs. He has plenty of room and great in-cab climate control. The front blade ball-handle control fits naturally in the hand. The rear hydraulic controls and all switches are within easy reach.

The large, heated front windshield ensures superior visibility to the front. In combination with the optional heated front wipers, the driver never loses sight of the trail even in stormy weather. Heated outside mirrors keep the rear attachments in sight at all times.

The control module for the rear hydraulics can be tethered for the co-driver. He can control the rear trail drag from the comfort of the passenger seat freeing up the driver for working the front All-Way blade to pre-level the trail. The control module is mounted on the center console when not in use.



X track provides the grip

The all-season, high performance track for snow. The X track provides traction when pulling snowmobile trail grooming drags in hard, icy snow conditions yet will not damage pavement when crossing roadways. During its development great care was taken to ensure good stability and grip pressure in the snow. It's a perfect match for the TrailBully.

The X track features the standard PistenBully belt and cleat design. A design that has been proven for over thirty years on PistenBully tracked snow vehicles worldwide. Component replacement enables cost effective repairs in contrast to endless track systems.

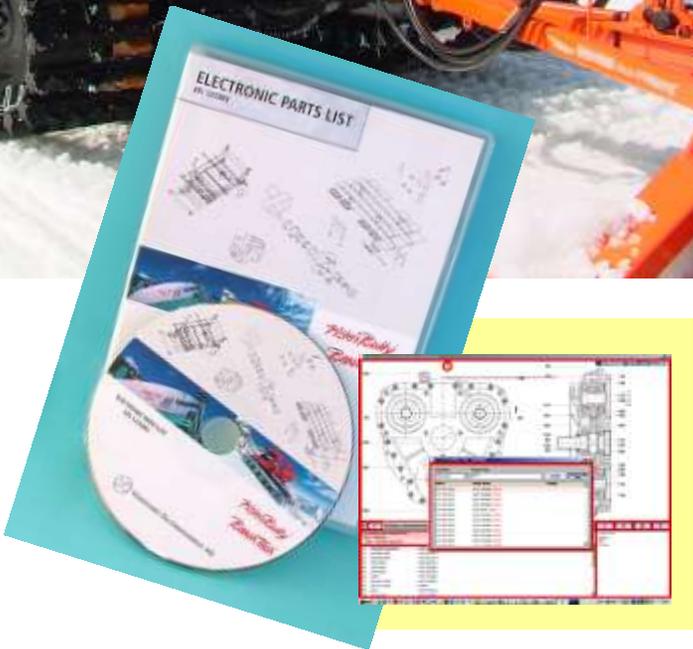


The X track cleat combines a steel core with a high quality vulcanized rubber encasement. The rubber encasement has a herring bone structure that provides the cleat with excellent grip. The rubber is abrasive resistant against dirt and rocks that become exposed on the trail system.



Service competence

We aim for an integrated service concept with you as an independent partner. Take our new “integrated” electronics parts list for example. On CD this proprietary software lets you search for parts and place them in a shopping cart for ordering. It even allows you to make notes on screen. Those who have used our vehicles for a long time know that they can put their trust in them—and the service support we provide.



A service friendly **TrailBully** opens itself to your view. All components are positioned for easy, rapid access. Raising the cab and deck is a one man operation with the electric over hydraulic switch. All tires are constructed of solid rubber in 3 different durometers for a smooth ride. No flat tires to worry about. Engine oil level, coolant, battery and air filter are easily accessed by removing the rear cover panel.



With its new OM 924 LA 4.8 liter diesel engine from Mercedes-Benz with turbocharger and charge-air intercooler the TrailBully now has even more power. State of the art high pressure fuel system, advanced electronic engine management and three valve technology yields an output of just under 200 horsepower. The OM 924 LA is rated Tier 3 for low exhaust emissions and is thrifty on fuel. The drive line features a Rexroth hydrostatic transmission for high thrust, high maximum speed and durability.

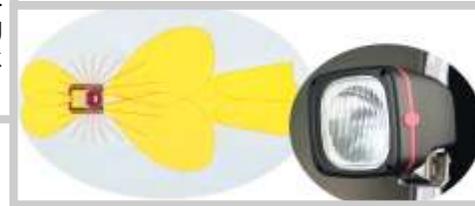


Brush guard

A strong brush guard made from tubular steel is standard on the **TrailBully**. It protects the cab and its occupants from accidental contact with their surroundings.

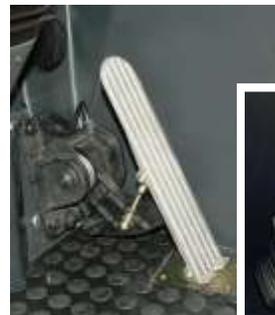
Xenon lights

As bright as day—even at night. This optional lighting package makes light work of the trail in front.



Front blade assembly

Pre-level the trail with the All-Way blade. Made of high tensile strength, fracture resistant steel the blade features 12 ways of movement. Two independent wings make wind rowing snow from trail's edge to center a snap. A crucial feature during lean snow years



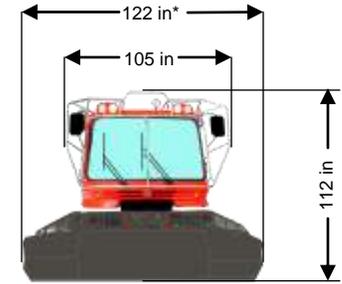
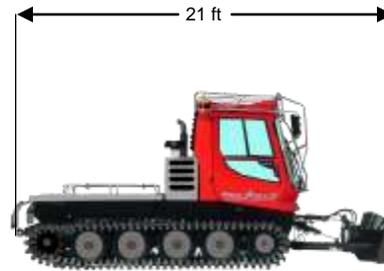
The “Thinking TrailBully”

Operating the TrailBully is simplified with the automotive style controls. The learning curve is quick—an important fact to consider when new drivers come on board every season. The transmission is automatically controlled. Vehicle speed and load are adjusted to the prevailing conditions. Steering is sensitive and responsive. The **TrailBully** is extremely maneuverable in tight locations. The cruise control lets the driver set a desired grooming speed.



Rear drawbar assembly

Towing the trail drag is the primary duty of the **TrailBully**. The rear draw bar has been engineered and fabricated with maximum strength to handle dead pulls going forward and the off camber loading that can occur. The stinger extends rearwards past the tracks to facilitate towing and hookup. Rear hydraulics feature quick disconnects and easy access.



Dimensions			Engine		
Width without tracks	1,840 mm	72.5 in	Type	Mercedes Benz OM 924 LA diesel	
Across X track	2,500 mm	98 in	Cylinders	4	
Across 2.5m steel tracks	2,500 mm	98 in	Displacement	4.8 liter	294 in ³
Across 2.8m steel tracks	2,740 mm	108 in	Output acc. to ECE	197 hp (145 kW) @ 2,200 rpm	
Overall length including front blade	6,390 mm	21 ft	Maximum torque	705 Nm @ 1,200 rpm	520 ft lb
Overall height	2,845 mm	112 in	Fuel tank capacity	235 liters	62 gallons
Height with cab tilted	3,355 mm	132 in	Transmission		
Ground clearance	350 mm	14 in	Type	Rexroth hydrostatic; infinitely variable	
Rear deck	2230 x 1320 mm	88 x 52 in	Steering	Electronic; steering wheel	
Weight			Brakes	Hydrostatic; dynamic feedback	
Vehicle weight	5,800 kg	12,800 lbs		Two multi-disk parking brakes	
Payload on rear deck	1,000 kg	2,200 lbs	Electrical		
Performance data			Voltage	24 V	
Speed, low range	0-19 km/h	0-12 mph	Alternator	28 V / 100 A	
Speed, high range	0-29 km/h	0-18 mph	Batteries	2 x 12 V / 92 Ah	
Fuel usage	From 8.5 liter/hr	2.25 gal/hr	Cold start rating	395 A	
Attachments			Chassis		
Front: 2.7m All-Way Blade, 3.1m All-Way Blade* (dimension shown)			Suspension	5 axle independent; torsion bar	
2.9m U-Blade, 3.2m U-Blade			Wheels	14 inch; solid rubber in 3 durometers	
Hydraulic circuits			Tracks:		
Front: 6 full circuits controlled via ball handle (proportional)			X track high performance rubber track	cleat width:	31.5 in
Rear: 3 full circuits controlled via rocker switch panel			2.5m steel track, closed profile	cleat width:	31.5 in
			2.8m steel track, closed profile	cleat width:	38 in

Standard Equipment

Deluxe driver's cabin features wide based hydrofluid mount suspension, heat/noise insulation, integral ROPS system
 Full brush guard
 Electric over hydraulic tilt cabin
 Electric over hydraulic tilt deck
 Deluxe comfort operator's seat with 16 position adjustments; heated backrest, seat cushion and left armrest; seatbelt
 Passenger seat with seat belt
 Customized heat/defrost system for optimum fresh/warm air flow; 3 speed heater blower
 Front heated windshield
 Double sliding windows (driver / passenger door)
 Rear heated window
 Heated front side windows (left/right side)
 AM/FM radio with CD player
 Blaupunkt stereo speakers
 4 front halogen lights (high/low beam)
 2 rear halogen lights
 Dual bulb halogen spotlight
 Dome and instrument lights
 Rotating warning beacon (two)
 Front wipers (3 speed with intermittent)
 Rear wipers with intermittent
 Full instrumentation
 Telltale warning lights for major components with audio buzzer
 Heated outside review mirrors (left/right)
 Interior review mirror
 Backup alarm
 Horn / flashers
 Fire extinguisher / first aid kit
 110V engine coolant heater
 Cruise control
 Trip odometer
 Tethered control module for rear hydraulics
 Fenders
 Track jack
 Operator/parts manual

Optional equipment

Heated front wipers
 XM radio
 Xenon lights
 4th hydraulic circuit to rear

Sierra

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