



# BR 350

THE RELIABLE  
PERFECTIONIST

*Prinoth*<sup>®</sup>

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*Prinoth*<sup>®</sup>





PRINOTH POSIFLEX  
TILLER FOR PERFECT  
GROOMING







## HIGH QUALITY STANDARDS IN GROOMING

It loves steep mountain slopes, massive volumes of snow, particular challenges. BR 350, the nimble power pack for professional grooming, even under extreme situations. A compact middleweight that grooms large areas and requires only little fuel. Powerful, reliable, hardworking. BR 350 – the rational decision for those seeking an extraordinary tool for highest slope quality.

**Prinoth**

## A REAL CLIMBING FREAK

Up and down the slopes, worldwide: The BR 350s unique snow surface conforming suspension gives this class leader extraordinary climbing performance, even in extremely difficult snow and terrain conditions. Ski resorts around the world rely on its strong performance, safe handling, extreme mobility and the functional comforts to create and prepare all their slopes and fun-parks.

## IDEAL WORKING CONDITIONS

With the new suspension system on the BR 350 vehicle, even the toughest operators appreciate PRINOTH's commitment to cab comfort. Ergonomic, intuitive and intelligent. Fitted into the design of the seat, the steering control levers and both front and rear implement controls are perfectly located. With just movement of the eyes, the operator can easily monitor the BR 350's vitals and performance on the display monitor.

## COMFORT FOR YOUR OPERATOR IS ONE OF OUR PRIORITY

The BR 350 operator's cabin was developed to provide 360-degree visibility; the front window, the excellent lighting system and heated side windows, wipers and rear view mirrors, ensure driving safety day or night. Laying down perfect passes or putting the final touches on special terrain features, the BR 350 has proven itself to be "the choice" of the most discerning operators.

## PERFORMANCE AND ECONOMY

Getting the power to the snow efficiently is what it is all about. The BR 350's track control levers assisted by our microprocessor provide that level of performance that can only come from independent track control. Our design, quality materials, workmanship, long service intervals and easy access to all components, provide the BR 350 with long life, low operational costs and good resale value.





**FIRST CHOICE IN SLOPES PREPARATION »**

Long-lasting fun on your pistes. Count on optimal slope conditions all day long. Our POSIFLEX tiller will give you simply perfect results. No matter the snow conditions. Your customers will notice and you will be rewarded by a high visitor frequency on your pistes, from dawn till dusk, that lasts until spring.



**COUNT ON THE PRINOTH POSIFLEX »**

Long-lasting fun on your slopes. Count on optimal slope conditions all day long. Our POSIFLEX tiller will give you simply perfect results. No matter the snow conditions. Your customers will notice and you will be rewarded by a high visitor frequency on your slopes, from dawn till dusk, that lasts until spring.



**MOVE MOUNTAINS WITH EASE »**

Efficient blading of slopes or creating and maintaining park features can be accomplished with the 12-way MASTER blade. Its wide range of motion and ability to operate 2 blade functions at once, make the 12-way blade the top choice of operators. The BR 350 has versatility designed in to accomplish all the tasks at hand.

**BEST-SELLING  
GROOMER IN NORTH  
AMERICA FOR THE  
PAST 7 YEARS**

*Prinoth*

**SLOPE TOO STEEP? »**

Not for our BR 350! To master even extreme situations, it can be fitted with the PRINOTH SHERPA winch reputed to have the longest rope life and most power on the market. The SHERPA winch with its hydraulic tractive force control translate into more productivity and safety in extreme working conditions.







## PARTS AND SERVICE

*Prinoth*

### PARTS THAT PERFORM. SERVICE THAT SATISFIES. »

Our vehicles are equipped with the highest quality PRINOTH-guaranteed OEM parts to ensure long-term performance and reliability. PRINOTH vehicles retain their value and provide you with lower maintenance costs, longer vehicle life and higher vehicle resale value. For the same outstanding performance you choose when purchasing a PRINOTH vehicle, maintain it with certified OEM parts. Our components are made, tested and proven

specifically for your tracked vehicle. You can rely on parts engineered to exact specifications; consistent, quality materials; a superior, original finish; and stringent testing for durability and reliability. Our 24/7 worldwide network is ready to serve your parts and service needs no matter where in the world your work takes you. Quality parts and quality service, where and when you need them. That's PRINOTH.

DIMENSIONS		
Overall length	4.14 m (163.1 in)	
Overall width (W/assymetrical tracks)	4.23 m (166.5 in)	
Overall width (W/symetrical tracks)	3.82 m (150.5 in)	
Overall height without winch	2.97 m (117 in)	
Ground clearance	0.305 m (12 in)	
Overall width (widest at final drive)	2.59 m (102 in)	
Overall width blade LTWF	5.36 m (211 in)	
Overall width blade Master blade	5.10 m (201 in)	

PERFORMANCE		
Weight without winch	5,240 kg (11,552 lb)	
Weight (Blade, tiller, tracks)	8,411 kg (18,542 lb)	
Maximum speed	18.5 km/h (11.5 mph)	
Turning radius	0 m (0 in)	
Ground pressure @ no penetration		
Basic vehicle, without winch, includes tracks	64 g/cm² (0.91 psi)	
Basic vehicle, without winch, includes tracks, tiller & blade	77 g/cm² (1.10 psi)	
Maximum gradeability		
Uphill/downhill	100% (45°)	
Sidehill	75% of uphill (37°)	

ENGINE		
Make	Caterpillar	
Model	C9	
Type	Turbo diesel, electronic fuel system, EPA Tier 3 and EU Stage IIIa	
Number of cylinders	6	
Displacement	8.81 L (537 in³)	
Horsepower @ 1,800-2,200 RPM	261 kW (350 hp)	
Torque @ 1,400 RPM	1,562 N·m (1148 lb·ft)	

TRANSMISSION		
Pump drive		
Make	Stiebel	
Type	Double pads	
Hydrostatic pumps	Sauer-Danfoss series 90	
Hydrostatic motors	Sauer-Danfoss series 90	
Planetary gearboxes	Bonfiglioli	

CONTROLS		
Type	Microprocessor	
Inputs	F-N-R lever	
Outputs	Independent control of each track	
Other feature	Anti-stall	

ELECTRICAL SYSTEM		
Voltage	24 V	
Alternator	140 A	
Battery capacity	950 CCA, 195 min. RC	

UNDERCARRIAGE		
Type	2 front wheels mounted on cranking arms and steel torsion bar	
	8 wheels on walking beams mounted on cranking arms and heavy duty rubber torsion blocks	

WHEELS		
Quantity	10	
Type	Solid rubber	

TRACKS		
Type	Semi-closed profile steel crosslinks or aluminium cross links	
	Both mounted on rubber belting	

CHASSIS		
Type	High quality heavy steel tube	

CAPACITIES		
Cooling system	37 L (9.8 US gal)	
Fuel tank	270 L (71.3 US gal)	
Engine crankcase	33 L (8.7 US gal)	
Hydrostatic and hydraulic system	82 L (21.7 US gal)	

STANDARD EQUIPMENT		
Microprocessor assisted steering controls		
Insulated operator cabin with electrical power tilt		
Mechanically adjustable operator seat with 3-point seat belt		
1 passenger seat with seat belt		
Heated, sliding side windows		
Heated windshield		
Dome and instrument lights		
6 front halogen lights/2 rear halogen lights		
Directional halogen spotlight		
Rotating beacon light		
110 volt hydrostatic oil tank heater		
110 volt engine block heater		
Parking brake with automatic application upon door opening		
Microprocessor display screen		
Adjustable and momentary intermittent front and rear wipers		
AM/FM CD Stereo XM ready (Satellite reception)		
Back-up alarm		
Fire extinguisher		
Rear pintle hook		
Parts, service and operator's manuals		
Mid-height front driving lights		
Front alarm		
12-way blade with QM system		
Assymetrical master climbing semi-closed profile steel tracks 66 in (1.67 m) (136 caulks)		
Posiflex with folding hydraulic tiller wing extensions		
Heated wipers		
Xenon winch boom light		

OPTIONAL EQUIPMENT		
Symmetrical semi-closed profile steel tracks 58 in (1.47 m) (68 caulks)		
Aluminium tracks		
Push frame float		
Joystick in Joystick (lift and curl simultaneously)		
High lift rear lift frame		
SHERPA direct pull winch		
Front hydrostatic P.T.O.		
Rear cargo deck with railing		
4-point seat belt		
Snow guards (fenders)		
Cold start aid		
Hybrid Terrain Master Blade (TMB) with 12 independent blade functions		
Hydraulic track tensioning system		

TOWER WINCH SHERPA		
Cable diameter	11.1 mm (0.4375 in)	
Cable capacity	1,000 m (3,300 ft)	
Maximum pull force	5 t (10,000 lb)	
Maximum speed	19.2 km/h (11.9 mph)	
Minimum breaking load	11.7 mt (26,000 lb)	
Drum diameter	720 mm (28.4 in)	
Weight (including cable)	2,177 kg (4,800 lb)	
Total winch weight with vehicle complete	10,864 kg (23,950 lb)	
Height with boom in operating position	3,309 mm (130.3 in)	

