

Pinath

THE
"LITTLE"
SNOWGROOMER WITH
GREAT
PERFORMANCE



New **T2S**

Prinoth

VERSATILITY, RELIABILITY, AND A



The Prinoth T2S has been restyled: now it is even tougher and more comfortable. Its design has been worked out anew by Pininfarina. Its versatility, maneuverability and reliability remain unaltered and are the hallmarks, which have made the Prinoth T2S a lasting success.

The Prinoth T2S is a truly multi-purpose vehicle. Besides excelling in the grooming of double cross-country ski trails and trails for skating and racing, it is the ideal solution for the grooming of small ski slopes, training fields, ski lift tracks and toboggan runs. It is also excellent for transportation along impervious terrain thanks to its wide loading platform with a low loading height.

Its great drive and work comfort, maneuverability, all round economy and reliability make the Prinoth T2S a superb vehicle in every sense.



LL ROUND ECONOMY



DRIVE AND WORK COMFORT

The inside is marked not only by its style, but also by its highly advanced ergonomic criteria, comfort and safety. The driver's cabin in light alloy makes it extremely sturdy, safe and light. The inside is very spacious and perfectly noise-insulated.

Unobstructed visibility all around the vehicle, perfect lighting of the work area with 4 dual parabolic halogen lights.

The vehicle is controlled by means of the steering wheel, which is equipped with a panel with all the controls for the starting and the adjustment of the tilling depth and for the operation of the tracksetters.

The extraordinary maneuverability of the Prinoth T2S is the result of the hydraulic system's exclusive and extremely reliable electronic control unit, which is the same used in the Prinoth T4S.

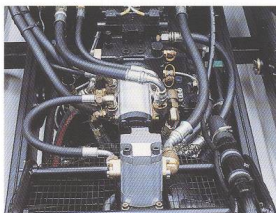
pininfarina

PERFECT SKI SLOPES: PRINOTH SKI SLOPES

The new, sturdy and easy-to-manuever tiller enables the perfect grooming of slopes with all types of snow.

The articulated arm guarantees the perfect finish of trails even in sharp turns. Together with the articulated tracksetters, it enables the smooth and perfect setting of trails. The tracksetters, controlled from the driver's seat, can be operated either simultaneously or separately.

A wide range of auxiliary equipment is available.



A CLEAN ENGINE

The direct injection diesel engine of the Prinoth T2S is marked by its high performance, low fuel consumption, reliability and extremely low noise. The exhaust levels are incredibly low thanks to the advance technology used in its construction.

The Prinoth T2S offers extremely easy accessibility when performing maintenance operations. The hydraulic system can use biodegradable fluids.

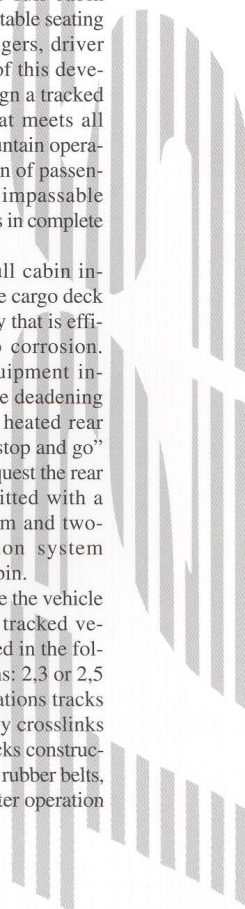


TAXI ON SNOW

The new Prinoth T2S is available also with full cabin for passenger transportation. The full cabin design offers comfortable seating for up to 11 passengers, driver included. The aim of this development was to design a tracked off-road vehicle that meets all requirements of mountain operators on transportation of passengers on otherwise impassable terrain to remote sites in complete safety.

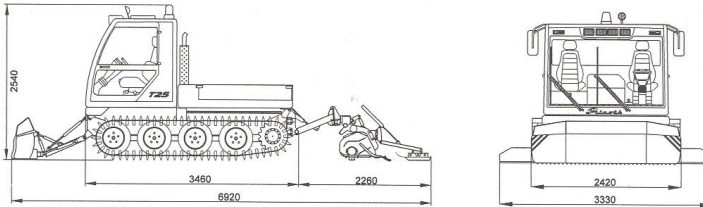
The comfortable full cabin installed in place of the cargo deck is made of light alloy that is efficiently resistant to corrosion. Standard cabin equipment include excellent noise deadening panels, electrically heated rear window glass and "stop and go" safety system; on request the rear cabin can be retrofitted with a cabin heating system and two-way communication system with the driver's cabin.

Depending on the use the vehicle is intended for, the tracked vehicle can be delivered in the following track versions: 2,3 or 2,5 m wide winter operations tracks fitted with light alloy crosslinks or with allterrain tracks constructed of rugged shaped rubber belts, for summer and winter operation on snow.



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TECHNICAL SPECIFICATIONS



SIZES

Length of vehicle.....	3.460 mm
Length of vehicle incl. auxiliary equipment.....	6.920 mm
Overall width of tracks (vers. 2.3).....	2.270 mm
Overall width of tracks (vers. 2.5).....	2.470 mm
Width of vehicle without tracks.....	2.000 mm
Overall width of tiller.....	3.330 mm
Overall width of blade 8 shifting posit.	2.420 mm
Overall width of blade 12 shifting posit.	2.980 mm
Overall height of vehicle	2.540 mm
Height of vehicle with tipped-up cabin	2.920 mm
Height with tipped-up cargo deck	2.345 mm
Ground clearance.....	310 mm
Length of loading area	1.510 mm
Width of loading area.....	2.000 mm
Height from ground of cargo deck	900 mm

Recommended sizes for garaging:	
• Length.....	8 m
• Width.....	4 m
• Height.....	3,4 m

WEIGHT

Total weight.....	3.500 kg
Load capacity without attachments.....	1.000 kg

DIESEL ENGINE

Maker.....	VM
Type .. D 706 LT turbocharged diesel - direct injection	
Number of cylinders.....	6 in-line
Total displacement.....	4.164 cm ³
Power DIN	111 kW (151 HP) at 3.000 rpm
Max. torque.....	451 Nm at 1.300 rpm
Fuel consumption	8 l/h
Fuel tank capacity.....	100 l

STEERING SYSTEM

- Digital electronic system processed by a logic board which allows to program the steering parameters
- Digital electronic system allows keeping the tillershaft's speed constant while working

ELECTRICAL SYSTEM

Rated voltage.....	24 V
1 alternator	28 V - 90 A
2 storage batteries	2 x 12 V - 100 Ah

DRIVE

Hydrostatic transmissions, extremely compact final drive unit (Rexroth) - one infinitely variable driving speed rang from 0 up to 22 km/h

PERFORMANCES

Hilling capacity	100 %
Specific pressure on ground.....	0,050 kg/cm ²
Turning radius.....	0 - vehicle turns on its own axis

BRAKES

- Service brake: function by way of hydrostatic drive
- Parking and emergency brake: hydraulically released multidisc spring-operated brakes

AUXILIARY EQUIPMENT (STANDARD)

- Front clearing blade with 8 shifting positions
- Tiller F 230 or F 200 fitted with cross-country tracksetters
- Quick disconnect system for rear attachments

ON REQUEST

- Front-mounted snowblower
- Front clearing blade with 12-ways hydraulics and hydraulically movable side wings
- Quick disconnect system for front attachments
- Smoothing board L230 fitted with cross-country tracksetters
- Passanger full cabin rear mounted
- Allterrain summer/winter tracks

Subject to change due to technological improvements.

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