Trecan Combustion Limited
4049 St. Margaret's Bay Road
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MODEL 350-PD TWO SIDE LOADING SNOWMELTER
With Integral Double Wall Fuel Tank
Includes Two Standard and Two Snow Start Submerged Combustion Burners



Features and Benefits of Trecan Snowmelters

1. Trecan is the only Snowmelter manufacturer that uses Submerged Combustion Technology which produces thermal efficiencies of approximately 98%, much higher than any other Snowmelter manufacturer.

2. Water temperature leaving a Trecan Snowmelter is approximately 1-2°C (35°F). Other Snowmelters with higher discharge temperatures require additional heat input. Heating the water to 16°C (60°F) would require an additional 17,500,000 BTU/HR or 473 L/h (125 GPH) of fuel. Trecan Snowmelters have much lower fuel consumption per ton of snow melted than other Snowmelters due to our higher efficiency.

3. Higher efficiency also means lower total CO2 emissions per ton of melted snow.

4. Only Trecan Snowmelters are equipped with a Remote Communications Package that allows for 24/7 diagnostic checks and trouble-shooting.

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MODEL 350-PD Technical Data

Nominal rating @ 30°F (-1°C) at Sea level		: 350 ton/hour (318 metric tonnes)
Equivalents		: 1,728 yd^3/hr @ 15 lbs/ft^3)
		: (1,321 m^3/hr @ 240 kg/m^3)
		: 864 yd^3/hr @ 30 lbs/ft^3
		: (661 m^3/hr @ 480 kg/m^3)
Water Outflow		: 1,400 USGPM (5,300 L/M) @ 35°F (2°C)
Melt Tank Capacity		: 6,000 USG (22,710 L)
Fuel Tank Capacity		: 2,500 USG (9,463 L)
Fuel		: Ultra-Low Sulphur Diesel
		: @ 140,000 BTU/USG
Fuel Flow:	Burners	: 405 USGPH (1,533 L/h)
	Engine	: 19 USGPH (72 L/h)
Burner Output:	4 x 14.175 MM BTU Burners	: 56.7 MMBTU/hr (59,821,675 kJ/h)
Weights (standard):	Empty	: 63,500 Lbs (28,803 Kg)
	With Fuel & Water	: 131,303 Lbs (59,558 Kg)
Engine	Type	: 6 Cylinder Liquid Cooled Turbo Diesel
	Rating	: 340 HP (254 kW)
	USEPA Emissions Rating	: Tier 4 Final Stage V
	Diesel Exhaust Fluid Tank	: 10 USG (38 L)
Max Towing Speed	Empty	: 60 MPH (97 km/h)
	Fuel Tank Full (no water)	: 5 MPH (8 km/h)
	With Fuel and Water	: 5 MPH (8 km/h)
Dimensions:	Length	: 52'-8" (16.05 m)
	Width	: 10'-0" (3.05 m)
	Overall Height	: 12'10" (3.91 m)
	Loading Height	: 9' 0" (2.74 m)

Note: Trecan designs the portable Snowmelters as "OFF-HIGHWAY" heavy equipment.
Note: When filled with fuel, water, snow, sediment and other debris, the Snowmelter's weight will be greater than its Gross Vehicle Weight Rating (GVWR) of 80,000 lb (36,287 kg). The Snowmelter is designed to support all the weight imposed upon it during normal operation, however, it is not legal to tow it on public roads when the weight is above the GVWR.

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TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

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