Trecan Combustion
COMBUSTION TECHNOLOGY SOLUTIONS

4049 St. Margaret's Bay Road
Hubley, Nova Scotia
Canada B3Z 1C2

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(902) 876-0457 tel.
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TRECAN MODEL 180-PD SNOWMELTER

ONE SIDE LOADING; SNOW START
DOUBLE WALL FUEL TANK
TIER 4 FINAL DIESEL ENGINE



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 9,000,000 BTU/HR or 242 L/h (64 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.

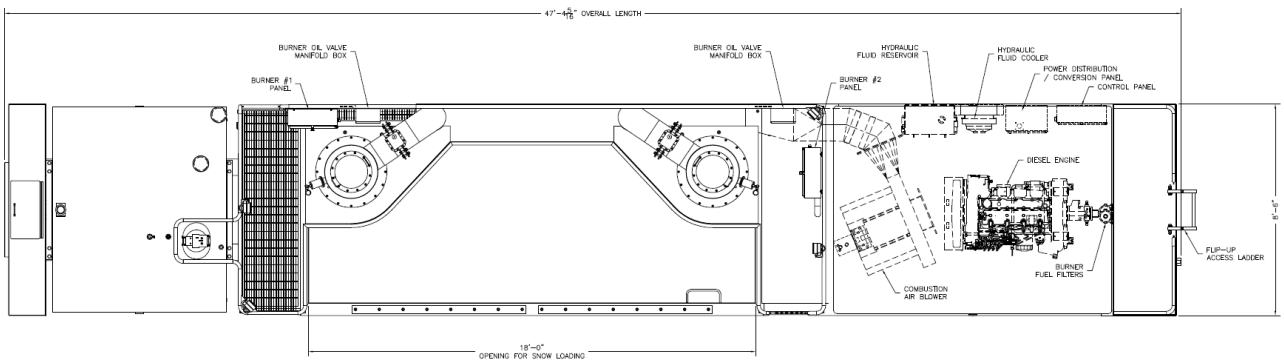
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MODEL 180-PD

Nominal rating @ 30°F (-1 Celsius) at Sea level		: 180 tons/hour
Equivalents		: 888 yd^3/hr @ 15 lbs/ft^3
		: 444 yd^3/hr @ 30 lbs/ft^3
Water Outflow		: 723 USGPM @ 37°F (3°C)
Melting Tank Water Capacity		: 3,700 US Gallons
Fuel Tank Capacity		: 1,500 US Gallons (optional 2,000 USG)
Fuel		: ULSD
Fuel Flow:	(Burners : Engine)	: 228 USGPH : 12 USGPH
Burner Output:	2 x 16 MM BTU Burners	: 32,000,000 BTU/hr
Engine	Type	: 6 Cylinder Liquid Cooled Turbo Diesel
	Rating (Cummins)	: 225 HP @ 2,200 RPM Cont.
	USEPA Emissions Rating	: Tier 4 Final
	DEF Tank Capacity	: 10 USG
Dimensions:	Length	: 47'-4" (48'-4" w/2,000 USG fuel tank)
	Width (standard)	: 8'-6"
	Height	: 12'-11"
	Loading Height	: 9'
	Loading Clearance	: 18'
Weights (standard):	Empty	: 36,000 lbs (~35,500 lbs w/2000 USG)
	With Fuel & Water	: 79,000 lbs (~83,000 lbs w/2000 USG)
Max Towing Speed	Empty	: 60 MPH
	Fuel Tank Full (no water)	: 5 MPH
	With Fuel and Water	: 3 MPH



Notes: Trecan designs the portable Snowmelters as "OFF-HIGHWAY" heavy equipment.
Various options available – please ask for details.

TELEMET
Efficiency Through Simplicity™

Advice, spare parts and service

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