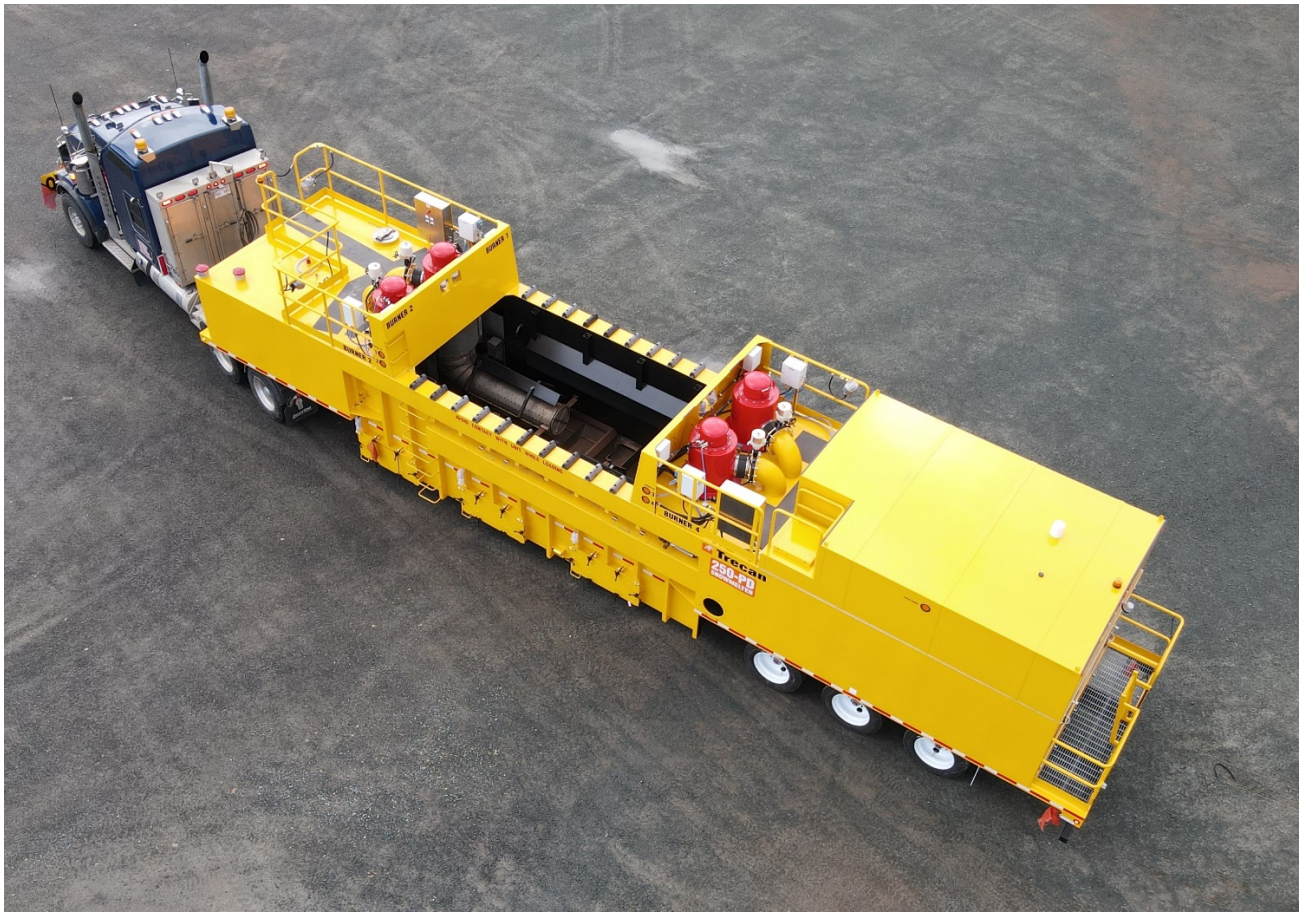
Trecan Combustion Limited
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MODEL 250-PD TWO SIDE LOADING SNOWMELTER
With Integral Double Wall Fuel Tank
Includes Two Standard and Two Snow Start Submerged Combustion Burners



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 12,500,000 BTU/HR or 341 L/h (90 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 troubleshooting.

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MODEL 250-PD Technical Data

Nominal rating @ 30°F (-1°C) at Sea level		: 250 ton/hour (227 metric tonnes/h)
Equivalents		: 1,234 yd^3/hr @ 15 lbs/ft^3)
		: (943 m^3/hr @ 240 kg/m^3)
		: 617 yd^3/hr @ 30 lbs/ft^3
		: (472 m^3/hr @ 480 kg/m^3)
Water Outflow		: 999 USGPM (3,780 L/M) @ 35°F (2°C)
Melt Tank Capacity		: 6,000 USG (22,712 L)
Fuel Tank Capacity		: 2,500 USG (9,463 L)
Fuel		: Ultra-Low Sulphur Diesel
		: @ 140,000 BTU/USG
Fuel Flow:	Burners	: 300 USGPH (1,136 L/h)
	Engine	: 13 USGPH (49 L/h)
Burner Output:	4 x 10.5 MM BTU Burners	: 42.0 MMBTU/hr (44,312,000 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	: 280 HP (209 kW) @ 2200 RPM
	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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