

TRECAN MODEL 40-PD PORTABLE SNOWMELTER

DATA SHEET

<u>SPECIFICATIONS:</u>	Rated Capacity:	40 tons/hr (Equivalent to 100 – 200 cu. yards/hr average snow density of 15-30-lbs/cu. ft.)
	Burner Output:	9,000,000 BTU/hr
	Fuel:	No. 1 Fuel Oil, Stove Oil or Diesel
	Fuel Flow (to burner):	64 US GPH
	Water Out Flow:	160 US GPM @ 38°F (3°C)
	Weights (standard model):	Empty: 14,000 lbs With Fuel & Water: 28,000 lbs
	Engine:	Liquid cooled 4-cylinder diesel HP Rating: 80 @ 2600 rpm
	Max. Towing Speed:	Empty: 20 MPH With Fuel: 5 MPH

STANDARD EQUIPMENT:

1. One Trecan Model 9-40-O Burner, refractory combustion chamber and a stainless steel downcomer.
2. Standard carbon steel semi-cylindrical outer weir tube.
3. Standard (8' wide) carbon steel melting tank with snow loading access from back end.
4. Diesel engine including hydraulic pump, burner fuel pump, coolant heater, cold start aid(s) and engine enclosure.
5. Engine fuel system includes Racor filter.
6. Burner fuel system includes backpressure regulator, Racor filter, pressure switch and burner valve train.
7. 600 US gallon fuel tank with low-level switch and level sender.
8. Hydraulically driven combustion air blower. Low combustion air pressure switch.
9. Heavy-duty battery and a 12VDC electrical system.
10. Inverter for 12VDC to 120VAC powering ignition transformer.
11. Safety and control system: Main control panel includes engine key switch, selector switches, burner start button, reset button, flame safe-guard controller with infrared scanner, PTFI timer and relays and the master PLC. Burner panel includes the Burner Start, Stop, and Reset remote interface and indicator lights along with the ignition transformer and inverter.
12. Full light package includes Warning strobe, Burner ON lights, floodlights, turn signals, brake and marker lights (required for road use).
13. Tow bar/pintle hook (adjustable height) towing arrangement. Dual-axle leaf spring suspension. Electric brakes.

Options

1. Noise reduction package.
2. Downgrade to minimal light package consisting of a Warning strobe, Burner ON lights and floodlights.
3. Downgrade to no electric brakes (brakes required for road use).
4. Plug-in immersion heater(s) – melting tank, hydraulic reservoir.
5. Jet fuel rated components.
6. 24VDC electrical system.
7. Battery charger.
8. Downgrade from stainless to carbon steel control panel enclosures.
9. Additional automation options, graphical touch screen operator interface, alphanumeric operator display.
10. Stainless steel melting tank and weir tube.
11. Wide (10') melting tank for larger loader buckets.

Specifications subject to change without notice.

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TRECAN

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