

TRECAN MODEL 20-PD PORTABLE SNOWMELTER

DATA SHEET

<u>SPECIFICATIONS:</u>	Rated Capacity:	20 tons/hr (Equivalent to 50 – 100 cu. yards/hr average snow density of 15-30-lbs/cu. ft.)
	Burner Output:	4,500,000 BTU/hr
	Fuel:	No. 1 Fuel Oil, Stove Oil or Diesel
	Fuel Flow (to burner):	32 US GPH
	Water Out Flow:	80 US GPM @ 38°F (3°C)
	Weights (standard model):	Empty: 9,000 lbs With Fuel & Water: 15,500 lbs
	Engine:	Liquid cooled 4-cylinder diesel HP Rating: 65 @ 2600 rpm
	Max. Towing Speed:	Empty: 20 MPH With Fuel: 5 MPH

STANDARD EQUIPMENT:

1. One Trecan Model 4.5-20-OH 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, cold start aid(s) and coolant heater.
5. Full equipment enclosure.
6. Burner fuel system includes backpressure regulator, Racor filter, pressure switch and burner valve train.
7. 280 US gallon fuel tank with low-level switch and visual level indicators.
8. Hydraulically driven combustion air blower. Low combustion air pressure switch.
9. Heavy-duty battery for the 12VDC electrical system.
10. Panel enclosure containing the inverter for DC to 120VAC power, and the ignition transformer.
11. Safety and control system: Main control panel includes engine key switch, selector switches, burner start button, reset button, indicator lights, flame safe-guard controller with infrared scanner, PTFI timer and relays and the master PLC.
12. Light package consisting of a Warning strobe and Burner ON lights.
13. Tow bar/pintle hook (adjustable height) towing arrangement. Single-axle fixed suspension.

Options

1. Noise reduction package.
2. Full light package includes turn signals, brake, marker lights and floodlights (floodlights increase o/a height).
3. Electric brakes (required for road use).
4. Plug-in immersion heater(s) – melting tank, hydraulic reservoir.
5. Engine cold start aid(s).
6. Jet fuel (limited) rated components.
7. Battery charger.
8. Stainless steel control panel enclosure.
9. Stainless steel melting tank and weir tube.
10. 24VDC electrical system.
11. Control system upgrade with alphanumeric display and fuel level indication.
12. Additional automation options.
13. Electric operated landing gear.

