

Technical Specifications for SRS-P100 Portable Snow Melter

Component	Description
Axles	3 ea. – Dexter D200-6-10-12 (22,500 lb capacity w/8 on 275mm outboard hubs)
Suspension	Hutch 9700 tandem 22 and Hutch add on 22 spring suspension
Brakes	Air brakes with (3) 1488 cu. in. air tanks, glad hand hook-ups, manual drain valves on each tank, 30-30 brake chambers, spring park brakes, Crewson Auto-slack adjusters, 12.75" x 7.5" cast outboard drums
Tires	12ea. – TW 235/75R17.5J8 on 275 duals (Tires rated at 5675 lbs. ea mounted dual @ 125 PSI cold)
Light Plug	7 pole semi style – male plug end J560
Lighting	Turn signals, brake lights, running lights – Truck-lite incandescent System 50
Work Lights	12VDC flood lights
Towing Arrangement	Pintle Hook – Forged 3" Lunette eye coupler 100,000 lb. rated capacity
Safety Chains	½" Grade 70 Chains – rated for 11,300 lb. ea. working load capacity (overhead lifting capacity) and 45,200 lb. ea. ultimate strength capacity (breaking strength)
Landing Gear	2-speed manual crank – Holland 51000 Series with Heavy Duty sand shoes (rated 140,000 lb. ultimate capacity and 27,000 lb. side load capacity)
Burner Fuel Tank Capacity	800 USG
Water Capacity	5000 USG
Water Outflow	400 US GPM
Weight Empty	49,000 lbs.
Weight with Fuel and Water	99,000 lbs.
Max Towing Speed Empty	60 MPH
Max Towing Speed with Fuel & Water	3 MPH
Dimensions	Length = 38', Width = 9' 10", Height = 13' 4"
Melt Tank Loading	Left side or "Street Side" – tank protected by replaceable rubber bumper cushions – 3" D style
Loading Height	9'
Melt Tank Loading Width	9' 6"
Water Circulation	1500 US GPM – melt tank has a cleanout screen to trap major debris from entering the circulation pump
Cleanout Doors	(2) for melt dump tank and (4) for heat exchanger tank with replaceable rubber gasket to seal water and malleable steel speed handles to tighten
Drain Valves	2 ea. – 4" brass ball valves on "curb side" to drain melt dump tank and 1 ea. – 4" brass ball valve on "curb side" to drain heat exchanger tank
Status Light	Green indicates all systems "GO"; Red indicates "Burner Alarm – Stop Loading"; Yellow indicates "Low Fuel" – once Yellow light illuminates, ½ hour of burner fuel run time left
Tank Construction	10 ga. Cor-ten A, ASTM A242 (Type 1) steel floor and walls adequately reinforced. Welded to AWS 6G standards. Access ladder (2) to gain independent access to melt tank and heat exchanger tank.
Paint	2-part epoxy primer and 2 coats of poly urethane paint. Standard color is Omaha (Safety) Orange – other colors available to customer spec. All primers and paints free of mercury, cadmium, lead, and hexavalent chromium
Storage Box	Byers – 18" x 18" x 24" with lockable T-handle latch (for tools and water connection hose storage)