

COST COMPARISON SRSP100-125 +

Melting vs. Hauling/Trucking

(Example: Goal of Removing 100 tons of snow per hour)

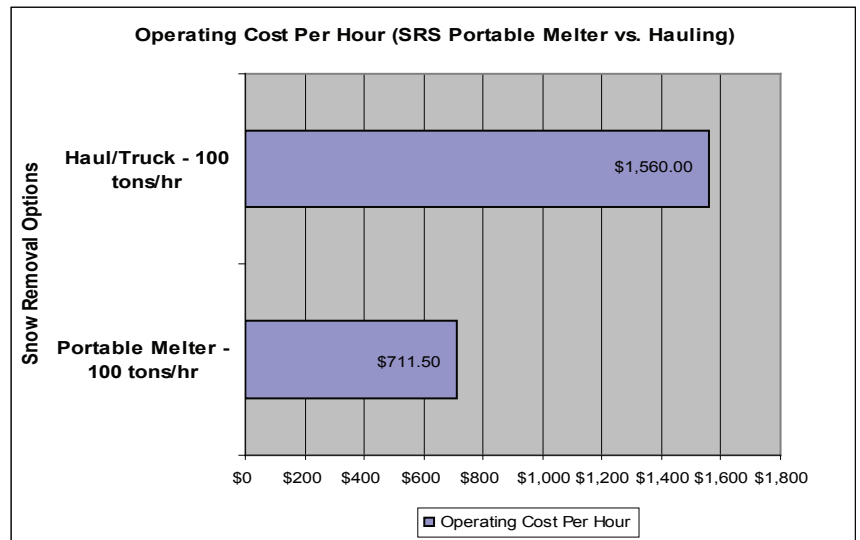
Variables:

1. Truck load capacity
2. Snow density
3. Turn-around time per load per truck

Assumptions for this particular example:

1. Truck load capacity of 12 cu. yds per truck
2. Snow density of 25 lbs/cu. ft.
3. Total turn-around time of 30 min/load per truck
4. Per truck operating cost of \$120.00/hr.
5. Front End Loader operating cost of \$120.00/hr.

**Removing 100 tons of snow per hour, at a density of 25 lbs/cu.ft., equates to 297 cu. yds. per hour.



Traditional Hauling/Trucking Method

To Haul 297 cu. yds/hr would require approx. 12 trucks or 24.75 loads/hr.

12 trucks X \$120/hr = \$1440.00/hr
1 loader X \$120/hr = \$120.00/hr

\$1560.00/hr

Melting Method

To Melt 100 tons/hr or 297 cu. yds/hr would require (1) SRSP100-125+ portable melter.

Burner fuel: (avg) 150 US GPH @ \$3.50/gal = \$525.00/hr
Front End Loader X 1 @ \$120/hr = \$120.00/hr
Operator wages: = \$25.00/hr
Maintenance/Service: = \$10.00/hr
Depreciation (10,000 hrs use): = \$31.50/hr

\$711.50/hr

Cost Savings of Melting vs. Hauling/Trucking

Hauling/Trucking = \$1560.00/hr	Cost per Ton = \$15.60
SRS-P100 Melter = \$711.50/hr	Cost per Ton = \$7.115
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Savings by Melting = \$848.50/hr	Savings per Ton = \$8.485

The answer is obvious. **MELTING SAVES MONEY!**



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