

COST COMPARISON SRS-P70

Melting vs. Hauling/Trucking

(Example: Goal of Removing 70 tons of snow per hour)

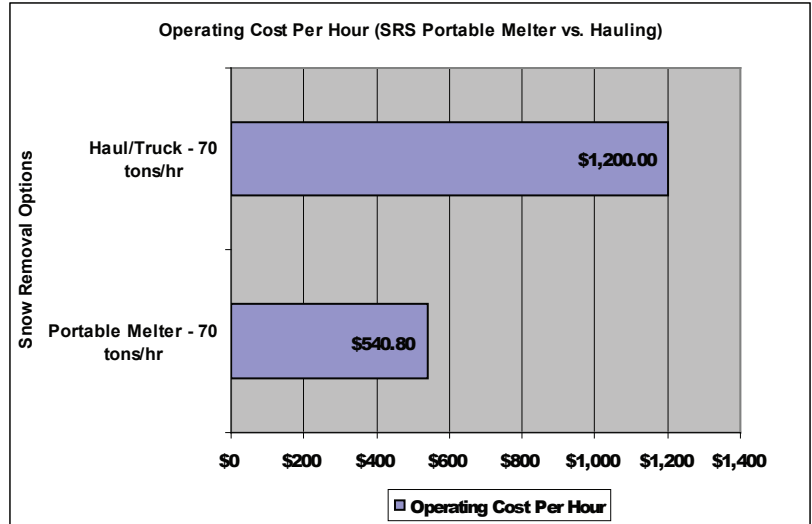
Variables:

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. = 2.97 cu. yds/ton
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 70 tons of snow per hour, at a density of 25 lbs/cu.ft., equates to 208 cu. yds. per hour.**



Traditional Hauling/Trucking Method

To Haul 208 cu. yds/hr would require approx. 9 trucks or 17.33 loads/hr.

9 trucks X \$120/hr = \$1080.00/hr
 1 loader X \$120/hr = \$120.00/hr

 \$1200.00/hr

Melting Method

To Melt 70 tons/hr or 208 cu. yds/hr would require (1) SRS-P70 portable melter.

Burner fuel: (avg) 102 US GPH @ \$3.50/gal = \$357.00/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): = \$28.80/hr

 \$540.80/hr

Cost Savings of Melting vs. Hauling/Trucking

Hauling/Trucking = \$1200.00/hr	Cost per Ton = \$17.14
SRS-P100 Melter = \$540.80/hr	Cost per Ton = \$7.73
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Savings by Melting = \$659.20/hr	Savings per Ton = \$9.41

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



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