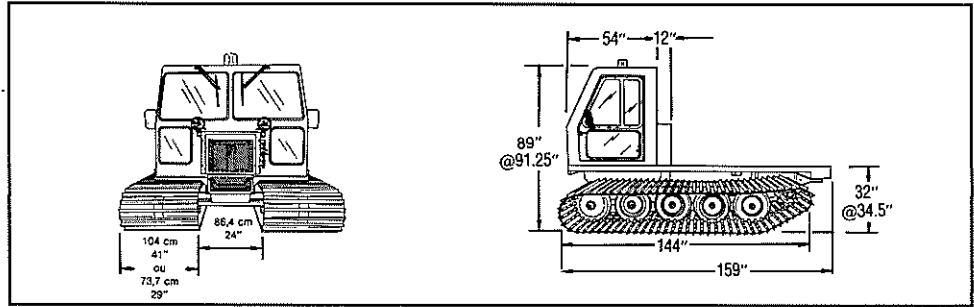


SV-252 Skidozer*

The 252 Skidozer is an all purpose oversnow vehicle used as a personnel carrier for the utility industry, as a rescue vehicle for ski areas, as an ambulance for public safety departments, and in the grooming of snowmobile trails.



SV-252 Skidoozer*



DIMENSIONS

	4,04 m	159"	4,04 m	159"	4,04 m	159"
Overall Length	4,04 m	159"	4,04 m	159"	4,04 m	159"
Tracks	74 cm	29" (Steel)	1,04 m	41" (Steel)	1,04 m	41" (Alum)
Overall Width	2,34 m	92"	2,95 m	116"	2,95 m	116"
Overall Height	2,25 m	89"	2,25 m	89"	2,32 m	91-1/4"
Ground Clearance	23 cm	9"	23 cm	9"	28 cm	11"
Frame Height	81 cm	32"	81 cm	32"	88 cm	34-1/2"
Curb Weight (Basic Vehicle)	2950 kg	6500 lbs	3180 kg	7000 lbs	3450 kg	7600 lbs

OPERATIONAL

Load Capacity	907 kg	2000 lbs
Maximum Speed	25 km/h	15 mph
Inside Turning Radius	3,7 m	12 ft
Basic Vehicle :		
(with 29" tracks)		
Ground Pressure		
at 0" cm	8,3 kPa	1.2 PSI
at 6" (15 cm)	6,9 kPa	1.0 PSI
G.V.W. :		
Ground Pressure		
at 0" cm	10,8 kPa	1.57 PSI
at 6" (15 cm)	8,9 kPa	1.30 PSI
Maximum Gradeability :		
Sidehill	Up to 30 %	
Uphill	Up to 50 %	

ENGINE

Make	Perkins
Model	1004-4T
No. of Cylinders	4
Displacement	4 liters 243 cu. in.
Horsepower-Brake	82 kw (110 HP) @ 2600 RPM
Torque	348 N•m (257 ft. lbs) @ 1600 RPM

POWER TRAIN

Transmission - Type	Automatic
- Make	Allison
- Model	AT-545
- Ratios	1st - 3.45 : 1 2nd - 2.25 : 1 3rd - 1.41 : 1 4th - 1.00 : 1 Rev. - 5.02 : 1
Differential Ratio	Planetary-controlled 5.83 to 1
Drive Sprockets - Type	Polyurethane
Location	Rear
Brakes - Service	Disc: hydraulically self adjusting
Parking	Hand operated : mechanical applied on disc brake

STEERING

Standard:	Hydraulically power assisted through the controlled differential
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ELECTRICAL

Voltage	12 volts
Battery Capacity at 0°F (cold cranking ability)	925 amps.
Alternator Capacity	66 amps.
Ground	Negative

HYDRAULIC SYSTEM

Pump Capacity	41 liters/m (11 gal)/m @ 2000 RPM
Relief Valve Setting	8,300 kPa (1200 PSI)
Filtration	33 microns on return line

SUSPENSION

Wheels independently mounted on rubber torsion arms.

WHEELS

Quantity	10
Type of Tire	Pneumatic or Solid Rubber
Size	11,4 cm x 30,5 cm (4-1/2" x 12")
Ply Rating	8

TRACKS

Type	Rubber belts with steel or aluminum crosslinks.
Width	74 cm or 104 cm (29" or 41")
Type of Belts	Rubber and fabric
Width of Belts	30 cm or 46 cm (12" ou 18")

CHASSIS

Type:	Formed steel on tubular sub-frame.
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CAB

2 man cab with adjustable seats.
Safety belts, 2 front Windshield wipers and heater.

CAPACITIES

	Liters	U.S. gallons
Cooling System	25	6.6
Fuel Tank	85	23
Engine Crankcase	9,4	2.5
Transmission	19	5
Differential	18	4.8
Hydraulic System	22	6

STANDARD EQUIPMENT

Air Cleaner	Dry type
Antifreeze	Up to -37°C (-35°F)
Fan	Suction type
Instruments	Hourmeter Fuel gauge Warning lights gauge for: • High engine coolant temperature • High transmission oil temperature • Alternator charge • Low engine oil pressure
Seat Belts	Retractable (Lap type) • Dual front and rear lights • Tail light • Backup lights (2)
Lighting System	
Transmission and differential oil cooler	
Hydraulic System for steering	
Block heater	600 watts

OPTIONAL EQUIPMENT

Straight blade:	6 way, 2,4 m & 3 m (8' or 10')
Ice caulks	
Rear wiper	
Cab:	6 man or 10 man (full length)
Mechanical suspension seats	
Accessory gauge kit including:	• Speedometer • Transmission temperature • Differential temperature
Engine gauge kit including:	• Coolant temperature • Oil pressure • Tachometer
Mirrors	
Hydraulic system:	• 3 Sect FT • 2 Sect RR
Rotating beacon	
2 speed gear box	
104 cm (41") aluminium or steel tracks	
See your distributor for other optional equipment	



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DISTRIBUTOR

The specifications given are for a basic vehicle and tested under ideal conditions.

The manufacturer reserves the right to change specifications without notices.

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