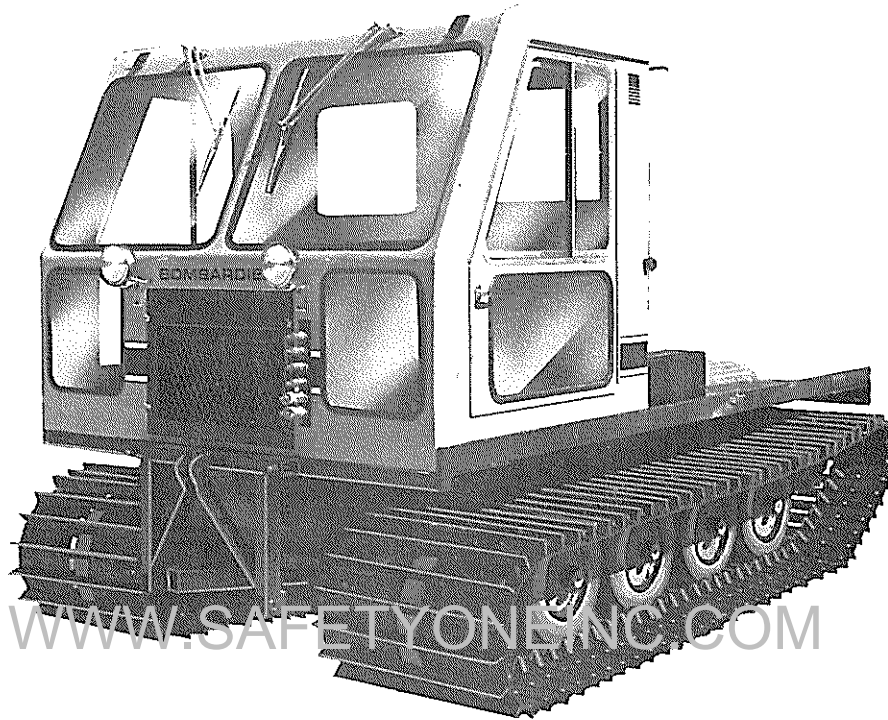




SKIDOZER 252D



WWW.SAFETYONEINC.COM

**An innovative company
WITH A GOOD TRACK RECORD**

Specifications:

DIMENSIONS:

	S.I.		S.I.		S.I.		S.I.
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" (al)	
Overall Width	2,34 m	92"	2,95 m	116"	2,95 m	116"	
Overall Height	2,25 m	88-3/4"	2,25 m	88-3/4"	2,32 m	91-1/4"	
Ground Clearance	30 cm	12"	30 cm	12"	37 cm	14-1/2"	
Frame Height	81 cm	32"	81 cm	32"	88 cm	34-1/2"	
Shipping Weight (Basic Vehicle)	2890 kg	6350 lbs.	3105 kg	6830 lbs.	3280 kg	7210 lbs.	

OPERATIONAL:

Load Capacity	907 kg	2000 lbs.
Maximum Speed	23,8 km/h @ 2400 RPM	14.8 MPH @ 2400 RPM
Inside Turning Radius Basic Vehicle: (with 29" track)	3,66 m	12 ft.
Ground Pressure at 0"	8,17 kPa	1,18 PSI
at 6"	6,61 kPa	0,96 PSI
G.V.W.:		
Ground Pressure at 0"	10,57 kPa	1,53 PSI
at 6"	8,56 kPa	1,24 PSI

Maximum Gradeability:

Sidehill	Up to 35%
Uphill:	Up to 60%

ENGINE:

Make	Perkins
Model	4.236
No. of Cylinders	4
Displacement	3866 cc 235.9 cu. in.
Horsepower-Brake	78 HP @ 2400 RPM (SAE)
Governed RPM	2400 RPM
Torque	268 N*m 198 ft. lbs @ 1400 RPM

Specifications:



Bombardier Inc. Industrial Equipment Division

Valcourt, Que., Canada, J0E 2L0
Telephone (514) 532-2211
Cable Bombarsnow, Telex 05-832552

POWER TRAIN:

Transmission - Type	Standard
- Model	Noew Process Gear 542-L1
- Ratios	1st - 7.24 to 1 2nd - 4.33 to 1 3rd - 2.61 to 1 4th - 1.59 to 1 5th - 1.00 to 1 Rev. - 7.22 to 1
Clutch	Dry, single disc 33,02 cm 13"
Differential	Planetary controlled RATIO: 5.83 to 1
Drive Sprockets	
Type	Polyurethane over aluminum
Location	Rear
Brakes - Service	Disc brake on drive line. Simultaneous pulling of steering levers.
Brakes - Parking	Mechanical device on drive line.

STEERING:

STANDARD:	Manual operating through controlled differential
OPTIONAL:	Hydraulic power assisted.

ELECTRICAL:

Voltage	12 volts
Battery Capacity	85 amps/hr
Alternator Capacity	60 amps.
Ground	Negative

HYDRAULIC SYSTEM:

Pump Capacity	27 L/min @ 6 GPM @
at 100 PSI	1200 RPM 1200 RPM
Relief Valve Setting	10,342 kPa 1500 PSI
Filtration	33 microns

SUSPENSION:

Wheels independently mounted on rubber torsion.

WHEELS:

Quantity	10
Type of Tire	Pneumatic
Size	5.30 x 12
Ply Rating	8

TRACKS:

Type	Rubber belts with steel or aluminum crosslinks
Width	74 cm or 29" or 104 cm 41"
Type of Belts	Rubber and fabric
Width	30,48 cm or 12" or 45,72 cm 18"

CHASSIS:

Type	Formed steel on tubular sub-frame.
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CAB:

2 man cap with 2 adjustable seats and safety belts.
Heater, 2 front windshield wipers, thermal windshield.

CAPACITIES:

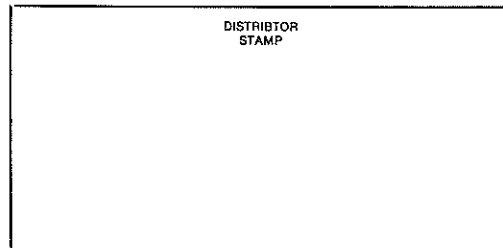
	S.I.	IMP	U.S.
Cooling System	18.17 L	4 gals.	4.8 gals.
Fuel Tank	86.30 L	19 gals.	22.8 gals.
Engine Crankcase	9.68 L	5 qts.	6 qts.
Transmission	3.5 L	3 qts.	3.6 qts.
Differential	19 L	16.65 qts.	20 qts.
Hydraulic System	22.71 L	5 gals.	6 gals.

STANDARD EQUIPMENT:

Air Cleaner	Dry type
Anti-freeze	To -37°C (-35°F)
Fan	Suction type
Instruments	Hourmeter - Ammeter - Engine oil pressure gauge - Water temperature gauge - Differential temperature gauge - Fuel gauge.
Differential oil cooler	
Seat Belt	Shoulder type
Lighting System	Dual front and rear lights. Tail light.

OPTIONAL EQUIPMENT:

6 and 10 man cabs
6-way straight blade / 6-way "U" blade
Power steering
104 cm (41") aluminum or steel tracks
Hydraulic systems
Solid rubber tires
Rotating Beacon
Block heater
Mirrors



The specifications given are for a basic vehicle and tested under ideal conditions.
The manufacturer reserves the right to change specifications without notice.

Bombardier Inc.
Industrial Equipment Division
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