

Specifications:

MUSKEG®

CARRIER

Options are illustrated.

DIMENSIONS:

	S.I.	
Overall Length	3,62 m	142½"
Overall Width	2,24 m	88"
Overall Height	2,32 m	91½"
Ground Clearance	36 cm	14"
Frame Height	81 cm	32"
Shipping Weight (Basic Vehicle)	3,600 kg	7,920 lb

OPERATIONAL:

Load Capacity	3,629 kg	8,000 lb
Maximum Speed	16 km/hr	10 MPH
Fording Depth	76 cm	30"
Inside Turning Radius	3,66 m	12'

Basic Vehicle:

Ground Pressure at		
0"	11,17 kPa	1.62 P.S.I.
6"	9,38 kPa	1.36 P.S.I.

G.V.W.:

Ground Pressure at		
0"	22,48 kPa	3.26 P.S.I.
6"	18,82 kPa	2.73 P.S.I.

Maximum

Gradeability:

(static test when loaded)

Sidehill	Up to 40%
Uphill	Up to 50%

ENGINE:

Make	Perkins Diesel
Model	4.236
No. of Cylinders	4
Displacement	3,87 L 236 cu. in.
Horsepower-brake	78 HP @ 2500 RPM
Governed Speed	2,500 RPM
Torque	257 N-m @ 1400 RPM (190 ft. lb)

POWER TRAIN:

Transmission	
— Make	New Process Gear
— Type	Manual, 5 speed
— Model	542-L1

— Ratios	1 — 7.24 to 1
	2 — 4.33 to 1
	3 — 2.61 to 1
	4 — 1.59 to 1
	5 — 1.00 to 1
	Reverse — 7.22 to 1

Clutch	Dry, single disc 33 cm dia. (13")
--------	--------------------------------------

Speed Reducer or Transfer Case

— Ratio	1.56 to 1
---------	-----------

Differential

— Ratio	Planetary controlled 3.9 to 1
---------	----------------------------------

Final Drive

— Ratio	1.61 to 1
---------	-----------

Drive Sprockets

— Type	Rubber and fabric
--------	-------------------

— Location	Front
------------	-------

Brakes — Service

Drum brake on drive line.
Simultaneous pulling of
steering levers.

— Parking	Locking device on drive line brake.
-----------	--

STEERING:

Track-steered through the controlled differential.
Steering levers operate brake bands on the differential steering brake drums.

ELECTRICAL:

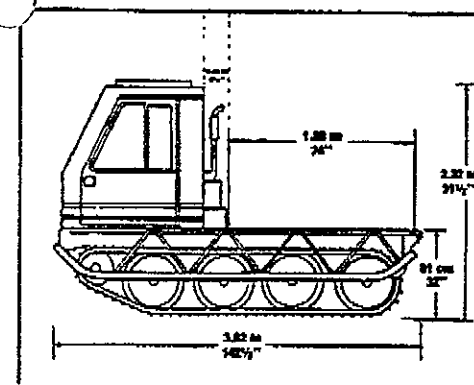
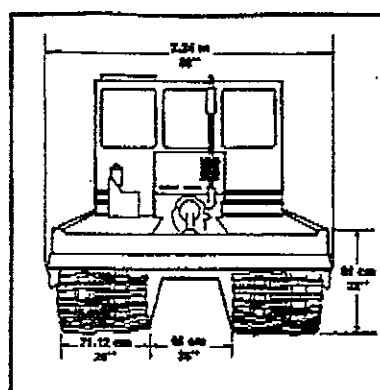
Voltage	12 V
Battery Capacity	135 amp.
Alternator Capacity	42 amp.
Ground	Negative

SUSPENSION:

Wheels mounted in tandem.

WHEELS:

Quantity	16
Type of Tires	4 rear solid, balance pneumatic or solid.
Size	11,43 cm × 40,64 cm (4,50" × 16") Pneumatic Tires are of Nylon fabric construction of 6 ply rating.

**TRACKS:**

Type	Rubber belts with steel crosslinks.	
Width	71.12 cm	28"
Type of belts	Rubber and fabric reinforced with steel cable.	
Width of:	Side belts 13,97 cm (5½")	
	Center belt 15,24 cm (6")	

CHASSIS:

Type	Toboggan, watertight
------	----------------------

CAB:

Choice of 1 man, 2 man or 6 man cab with escape hatch above driver's seat.
 Safety-belts.
 Heater-defroster.
 Windshield wipers.
 Dual front lights.
 One rear light.
 One dome light.

CAPACITIES:

	Liters	U.S.	Imp.
Cooling System	25	6.6 gals.	5.5 gals.
Fuel Tank	104,5	27.6 gals.	23 gals.
Engine Crankcase	10,22	10.8 qts.	9 qts.

Transmission	5,68	6 qts.	5 qts.
Differential	27,25	7.2 gals.	6 gals.
Speed Reducer	1,42	1.5 qts.	1.25 qts.

STANDARD EQUIPMENT:

Air Cleaner — Type	Dry
Anti-freeze	To —37° C (35° F)
Fan — Type	Pusher
Instruments	Ammeter
	Engine temperature gauge
	Fuel gauge
	Engine oil pressure warning light
	Hourmeter
Seat Belt — Type	Lap
Lighting System	2 front, 1 rear, 1 dome

OPTIONAL EQUIPMENT:

Wheels with mechanical seals
 Power steering
 Engine block heater (500 W)
 Pintle hook (front or rear)
 Front or rear winch: 15,000 lb
 Cold start device
 Additional fuel tank
 Radiator shutters

DISTRIBUTOR
STAMP

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

All Rights Reserved © Bombardier Limited
 Valcourt, Quebec, Canada JOE 2L0
 * Trade Mark of Bombardier Limited
 Telex: 05-832552