

# Specifications:

## B-15

Options are illustrated.

### DIMENSIONS:

	S.I.	
Overall Length	6,19 m	244"
Overall Width	3,31 m	130 3/4"
Overall Height	2,94 m	116"
Ground Clearance	0,48 m	19"
Frame Height	1,32 m	52"
Deck Length	4,26 m	168"

### OPERATIONAL:

Load Capacity		15 tons
Maximum Speed	19,3 km/h	12 MPH
Inside Turning Radius	3,6 m	12 ft.
Basic Vehicle:		
Weight	12,272 kg	27,000 lbs.
Ground Pressure at 0"	13,44 kPa	1.95 PSI
at 6"	10,89 kPa	1.58 PSI
G.V.W.:		
Weight	25,908 kg	57,000 lbs.
Ground Pressure at 0"	28,47 kPa	4.13 PSI
at 6"	23,03 kPa	3.34 PSI
Maximum Gradeability:		
Sidehill	Up to 40%	
Uphill	Up to 60%	

### ENGINE:

Make	Detroit Diesel	
Model	6V-53	
No. of Cylinders	6	
Displacement	5211 cc	318 cu. in.
Horsepower-Brake	186 HP @ 2600 RPM (SAE)	
Governed RPM	2600	
Torque at 1000 RPM	581 N • m	429 ft. lbs.

### POWER TRAIN:

Transmission - Type	Powershift	
- Model	Clark HR-28420	
- Ratios	1st - 5,18 to 1	
	2nd - 2,45 to 1	
	3rd - 1,41 to 1	
	4th 0,78 to 1	
	Reverse — On all gears	
Differential	Planetary Controlled	
	Ratio: 3,94 to 1	
Final Drive	Ratio: 4,6 to 1	
Drive Sprockets - Type	Adiprene	
- Location	Front	

Brake - Service

Dry, sealed, multi-disc, pedal-operated brake on drive line. Simultaneous pulling of steering levers. Locking device on service brake

- Parking

### POWER TAKE OFF:

Location	Back end of transmission
Direction of rotation	Same as engine and continuous.
Maximum capacity	Full engine torque.
Speed	0,96 to 1 of engine speed.
Type of power	Directly from engine torque converter, i.e. totally independent from transmission gear ratios.

### STEERING:

Through controlled differential. Steering brakes applied by means of hydraulic cylinders.

### ELECTRICAL:

Voltage	12 volts
Battery Capacity	205 amps
Alternator Capacity	60 amps
Ground	Negative

### SUSPENSION:

Independent crank arm with hollow rubber cushion in compression.

### WHEELS:

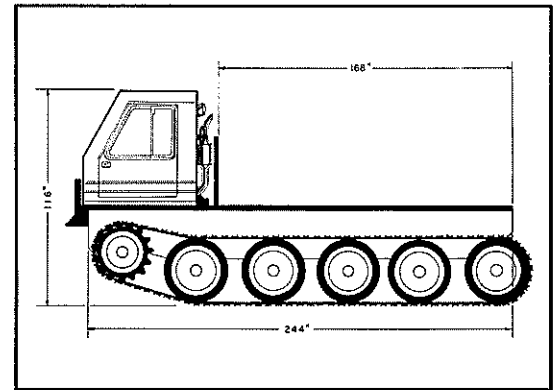
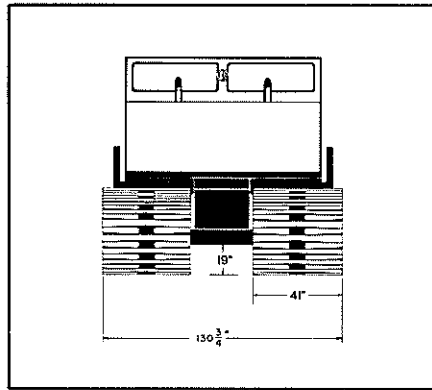
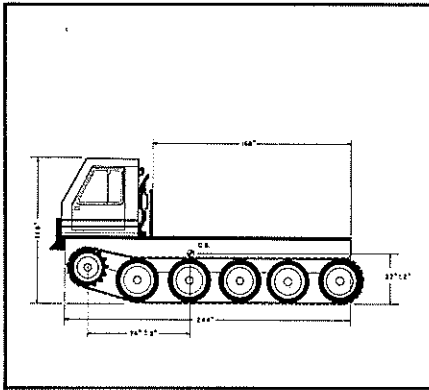
Quantity	10 with mechanical seals	
Type of Tire	Polyurethane	
Size	91,4 cm	36" diameter

### TRACKS:

Type	Rubber belts with steel crosslinks	
Width	104 cm	41"
Type of Belts	Rubber and fabric	
- Width	42 cm	16 1/2"

### CHASSIS:

Type	Toboggan	
Fording Depth	137,16 cm	54"



**CAB:**

One man cab with seat on torsion bar suspension, escape hatch, heater and defroster.

**CAPACITIES:**

	S.I.	IMP	U.S.
Cooling System	31,82 L	7 gal	8.4 gal
Fuel Tank	400 L	88 gal	106 gal
Engine Crankcase	16 L	3.5 gal	4.2 gal
Transmission	29 L	6.4 gal	8 gal
Differential	41 L	9 gal	10.8 gal
Hydraulic System	4,55 L	1 gal	1.2 gal

**STANDARD EQUIPMENT:**

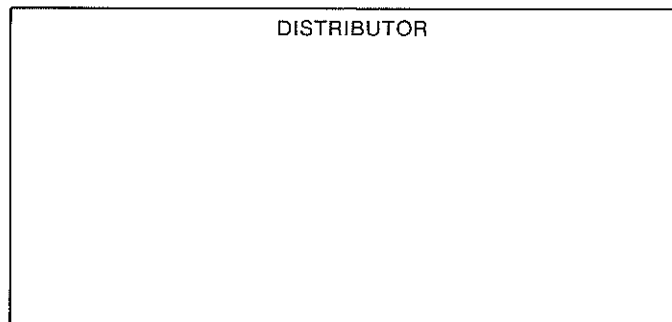
Air Cleaner	Two stage, Dry Type
Anti-Freeze	To -35°C (-30°F)
Fan	Pusher Type, 6 blade
Instruments	Ammeter
	Hourmeter
	Tachometer
	Fuel Gauge
	Oil Pressure Gauge
	Engine Temperature Gauge

- Transmission Temperature Gauge
- Seat Belt (Lap type)
- Differential Oil Cooler
- Dual Front
- One Back Light

Lighting System

**OPTIONAL EQUIPMENT:**

- 2 man cab with hydraulic tilt
- Dump body:
  - 6,88 m<sup>3</sup> (9 cu. yard) capacity
  - 4,57 m x 2,44 m x 0,61 m (15 ft. x 8 ft. wide x 2 ft. high)
  - all steel
  - Telescopic type cylinder, 25 ton capacity
- Front Winch:
  - 13600 or 20 400 kg (30,000 or 45,000 lbs)
- Arctic Package:
  - Fully insulated 2 man cab with escape hatch
  - Radiator shutter
  - Engine heaters
  - Fuel type cab heater
  - Electrical wires to be cold resistant
  - Panels in engine cowling to give access to engine from interior of cab.



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