

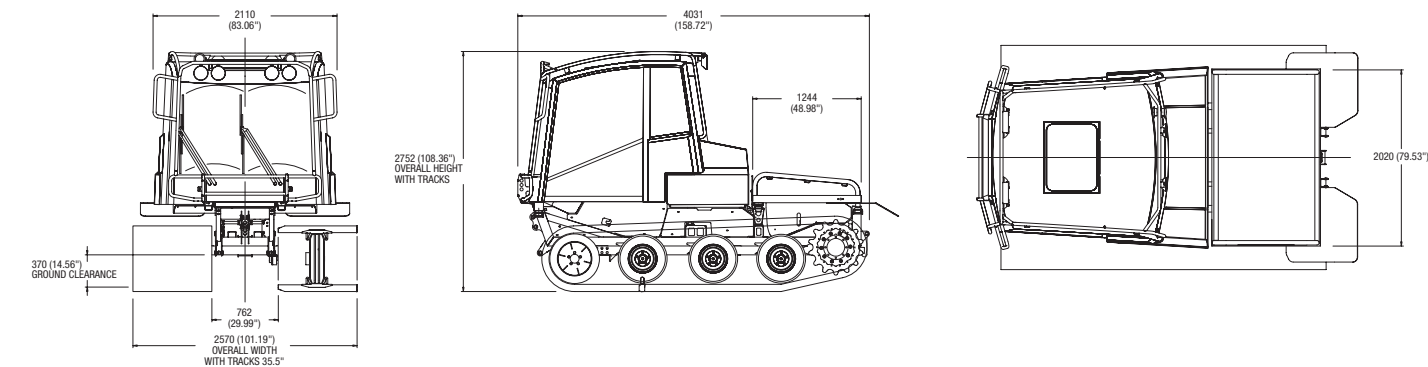


TROOPER

Camoplast is the world leader in the production of rubber tracks for snowmobiles, agricultural equipment and now complete tracked vehicles for the alpine grooming, trail grooming, municipal and utility markets.

We are committed to the utility industry and will provide customers with quality support and innovative, dependable products for years to come.





TROOPER Specifications

DIMENSIONS

Overall length (basic vehicle)	4031 mm	159 in
Overall width		
31.5 in track	2362 mm	93 in
35.5 in track	2565 mm	101 in
44 in track	2997 mm	118 in
Overall height	2758 mm	109 in
Ground clearance	370 mm	15 in

PERFORMANCE

Shipping weight (Basic vehicle with 31.5 in steel tracks)	3516 kg	7750 lb
Payload	1360 kg	3000 lb
Gross vehicle weight	5220 kg	10750 lb
Maximum speed	25 km/h	16 mph
Inside turning radius	0 m	0 ft
Ground pressure (penetration) 31.5 in track	150 mm	6 in
Basic vehicle	65.6 g/cm ²	0.93 psi
Gross weight 35.5 in track	82.5 g/cm ²	1.17 psi
Basic vehicle	59.6 g/cm ²	0.85 psi
Gross weight 44 in track	74.6 g/cm ²	1.06 psi
Basic vehicle	50.9 g/cm ²	0.72 psi
Gross weight	63.1 g/cm ²	0.90 psi
Maximum gradeability		
Sidehill	75%	
Uphill / Downhill	100%	

ENGINE

Make	Perkins	
Model	1104C-E44T-EPA Tier II	
Number of cylinders	4	
Displacement	4.4 L	269 in ³
Horsepower @ 2400 rpm	86 kW	115 hp
Torque @ 1400 rpm	445 N-m	328 ft-lb

POWER TRAIN

Transmission	
Model	Sauer-Danfoss series 90
Type	Hydrostatic
Planetary (final drives)	Fairfield
Brakes	
Service	Positive deceleration through the hydrostatic transmission
Parking	Multidisc, spring applied, pressure-released

STEERING

Ergonomic steering wheel with tilt and telescopic adjustment
 Independent control of each track through micro-processor
 Steering wheel and F-N-R lever

ELECTRICAL

Voltage	24 V
Battery capacity	2 x 750 CCA
Alternator capacity	75 A

SUSPENSION

Type	Independent suspension - long travel with rubber dampening
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WHEELS

Quantity	8
Type	Pneumatic
Size	560/140-12

TRACKS

Steel type	Semi-closed profile steel crosslinks Available in 31.5 in, 35.5 in & 44 in width
Rubber type	Aluminum crosslinks covered with rubber

CHASSIS

Type	Heat-treated, stress released tubular frame
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CAPACITIES

Cooling system	12 L (approx.)	3.2 US gal (approx.)
Fuel tank	200 L	53 US gal
Engine crankcase	7 L	1.8 US gal
Hydrostatic system	26 L (approx.)	7 US gal (approx.)

CAB

2+2 person cab	Dome lamp
Electric over hydraulic power tilt	2 exterior mirrors
2-point safety belts (4)	Front and rear wipers
Adjustable front seats	2 front and 2 rear halogen lights
Heater with adjustable temperature and fan control	Sunroof
	Coat hangers

STANDARD EQUIPMENT

Microprocessor assisted control	
Anti-freeze up to -37°C (-35°F)	
Parking brake w/automatic application upon door opening	
Glow plug starting aid	
Back-up alarm	
Parts, service & operator's manuals	
Rear frame cover	
Windshield washer	
Horn	
Gauges & indicators:	Warning buzzers:
Hour meter	Engine temperature
Fuel gauge	Engine oil pressure
Tachometer	Hydrostatic oil temperature
Engine temperature gauge	Hydrostatic oil low level
Hydrostatic oil temperature gauge	Parking brake

OPTIONAL EQUIPMENT

Front and/or rear hydraulics	Sun visors
Rear platform	Beacon light
Engine block heater (750W/120V)	4 additional front lights
Hydrostatic oil heater & engine	Anti-vandalism kit
Windshield brush guard & headlight protector	Radio (AM/FM, CD) with speakers
Rear pintle hook	Operator suspension seat
6-function front blade	Fire extinguisher
Steel belly pans	



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