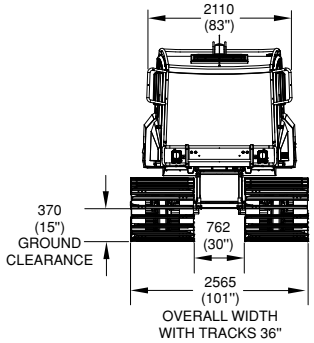
TROOPER™

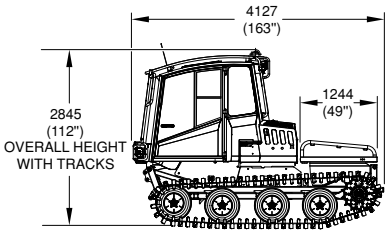


Prinoth®

TROOPER™

SPECIFICATIONS







EPA - CERTIFIED 1104D
Perkins Diesel Engine

The EPA-certified engine is installed, tested and certified in conjunction with the entire vehicle. PRINOTH's commitment to exceptional quality results in a vehicle line-up that meets EPA Tier 3 standards.

ENGINE	
Make	Perkins
Type	Turbo diesel, electronic fuel system
Model	1104D-E44TA-EPA Tier 3
Number of cylinders	4
Displacement	4.4 L (269 in³)
Horsepower @ 2 200 rpm	106.2 kW (142 hp)
Torque @ 1 400 rpm	556 N·m (410 ft·lb)

DIMENSIONS	
Overall length (basic vehicle)	4 127 mm (163 in)
Overall width	
36 in track	2 565 mm (101 in)
44 in track	2 997 mm (118 in)
Overall height	2 845 mm (112 in)
Ground clearance	370 mm (15 in)
Shipping weight (basic vehicle with 36 in LT tracks)	3 538 kg (7 800 lb)

PERFORMANCE	
Payload	1 360 kg (3 000 lb)
Maximum speed	29 km/h (18 mph)
Inside turning radius	0 m (0 in)
Ground pressure (Basic vehicle)	
36 in track	59 g/cm² (0.83 psi)
44 in track	48 g/cm² (0.68 psi)
Maximum gradeability	
Uphill / Downhill	100%
Sidehill	75% of uphill/downhill gradeability

TRANSMISSION	
Microcontroller hydrostatic	
Brakes	
Service	Positive deceleration through the hydrostatic transmission
Parking	Multidisc, spring applied, pressure-released

CONTROL	
Type	Microcontroller with color display
Inputs	Steering wheel, Progressive Forward-Neutral-Reverse lever and speed pedal
Outputs	Independent control of each track
Other feature	Anti-stall

ELECTRICAL	
Voltage	12 V
Alternator capacity	120 A
Battery capacity	1 x 900 CCA

SUSPENSION	
Type	Independent suspension - long travel with rubber dampening

WHEELS	
Quantity	8
Size	560/140-12
Type	Pneumatic or solid

TRACKS	
Steel type	Semi-closed profile steel crosslinks Available in 36 in & 44 in width.
Rubber type	Aluminum crosslink covered with rubber.

CHASSIS	
Type	Heat-treated, stress releaved tubular frame

CAPACITIES			
Cooling system	21 L (5.5 US gal approx.)	**Fuel tank**	200 L (53 US gal)
Engine crankcase	7 L (1.8 US gal)	**Hydrostatic system**	26 L (7 US gal approx.)

CAB		
2+2 person cab	Adjustable front seats	Electric over hydraulic power tilt cab
3-point safety belts (4)	ROPS ISO 3471	Dual heaters with adjustable temperature and fan control
Dome lamp	2 heated exterior mirrors	4 gear storage nets
2 front and 1 rear xenon lights	Sunroof	Front and rear intermittent wipers
Non-icing radiator protector	Beacon light	Radio (AM/FM, CD) with speakers
Hydrostatic oil heater	Belly pans	Fire extinguisher
Sun visors	Anti-vandalism kit	Engine block heater (750Watts/120Volts)
Emergency steering kit	Rear pintle hook	Satellite boosting lugs
Coat hangers	Storage compartments	Basic brushguard and headlight protector

STANDARD EQUIPMENT	
1. FEATURES:	Microcontroller with color display
Anti-freeze to -40°C (-40°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
2. DISPLAY FEATURES:	Communication via J1939 SPN
Fault code diagnostics	Engine oil pressure
Engine coolant temperature	Voltmeter
Fuel level	Ambient air temperature
Hour meter	Fuel gauge
Tachometer	Hydrostatic oil temperature
Vehicle speed	Odometer
3. WARNING BUZZERS:	High engine temperature
Low engine oil pressure	High hydrostatic oil temperature
Low hydrostatic oil level	Low fuel level
Drive system fault	Parking brake indicator
4. WARNING LAMPS:	Parking brake indicator
Transmission neutral position	Engine warning
Engine wait to start	Engine stop
Low battery voltage	

OPTIONAL EQUIPMENT	
Rear platform	Eight function front blade
Operator and front passenger suspension seats	Reversible radiator fan
Heavy duty brushguard and headlight protector	Air conditioning system
Front trailer receiver	15 000 pound capacity electric winch
42 ice spike set for tracks	
Complete hydraulic system 2800 psi, 4.7 GPM @ 1 800 rpm, 5.8 GPM @ 2 200 rpm	

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