



PANTHER T14R

TECHNICAL SPECIFICATIONS

Pinoth

Courtesy of Machine.Market

SPECIFICATIONS

PANTHER T14R

Dimensions (Basic vehicle)

Overall length	5,936 mm	233.7 in
Overall width (mirrors folded)	2,570 mm	101.2 in
Overall height	3,257 mm	123.2 in
Ground clearance	509 mm	20 in
Swing radius	3,216 mm	126.6 in

Performance

Maximum speed	13.5 km/h	8.4 mph
Fording depth	1,200 mm	47.2 in
Turning radius	0 m	0 in
Ground pressure @ 150 mm (6 in) penetration		
Basic vehicle	274 g/cm ²	3.90 psi
Loaded vehicle	495 g/cm ²	7.04 psi
Maximum gradeability		
Uphill/downhill	27%	15°
Sidehill	27%	15°

Crawler Carrier Dump Body

Gross vehicle weight [Dumper]	16,630 kg	36,663 lb
Dump box payload	13,200 kg	29,100 lb
Dump box heaped capacity (basic)	6.5 m ³	8.5 yd ³
Dump box struck capacity (basic)	5.05 m ³	6.6 yd ³

Engine

Make	Caterpillar	
Model	C7.1	
Type	Turbo diesel, electronic	
Emission standard	EPA Tier 4 Final / EU Stage V	
Clean emission module	DOC, DPF and SCR	
Regeneration	Passive, transparent to the operator	
Number of cylinders	6 cylinders in line	
Displacement	7.01 L	427.8 in ³
Power @ 2,200 RPM	205 kW	275 HP
Torque @ 1,400 RPM	1,257 N·m	927 lb·ft
Fuel tank capacity	280 L	74 US gal
DEF tank capacity	27 L	7.1 US gal

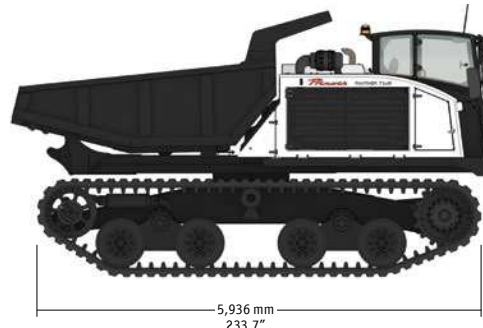
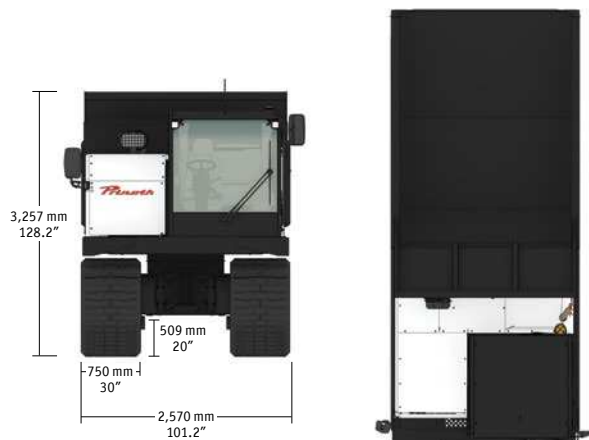
Controls

Type	Microprocessor with color display
Inputs	Steering wheel, Forward-Neutral-Reverse switch and progressive speed pedal and throttle
Outputs	Independent control of each track
Other features	Anti-stall, auto-calibration, torque limiter, drive-direction reset* and auto-centering*

Electrical System

Voltage	12 V
Alternator capacity	150 A
Battery capacity	2 x 1,150 CCA

*Patent-pending innovations



Undercarriage

Suspension type	Tandems	
Wheel Quantity	16 (half wheels)	
Wheel Type	Solid stamped	
Wheel diameter	610 mm	24 in

Tracks

Type	Metal embedded rubber track (endless)	
Width	Nominal 750 mm	29.5 in
Tensioner	Automatic hydraulic track-tensioning	

Standard Equipment

Side and rear-view cameras
Two exterior mirrors (right-side mirror electrically adjustable)
ROPS ISO 3471
Back-up alarm
Electric horn
Pressurized hydrostatic oil tank
Lockable compartments for fluids and batteries
D-ring for transportation (2x)
Operating and maintenance manuals
Spare parts catalog (on USB flash drive)

Standard Cab Equipment

1-person wide cabin
Air-conditioned cab with adjustable temperature, fan control and fresh air intake
Main display 4.3 in
Adjustable operator seat with suspension
Two LED front lights
One LED rear light
Dome light
Front wiper with low, intermittent and high speed
Rear wiper with low & high speed
Front and rear windshield washer
Coat hanger
Three-point seat belt
Parking brake linked with operator seatbelt and armrest
2-axis inclinometer with indication in the display and audible alarm
Side windows emergency exits
Lockable door
First aid kit
Fire extinguisher

Optional Equipment

Radio Bluetooth USB and AM/FM with two speakers (world edition)
FOPS ISO 3449
Engine block and hydraulic oil heaters
Engine coolant heater
Brushguard
Emergency driving system
Maintenance kit, 500 or 2,000 hours include all air/fuel/hydrostatic filters