



PANTHER T22

GOES WHERE YOU WORK &
WORKS WHERE YOU GO



Pinoth[®]

DIMENSIONS

Overall length (basic vehicle)	9,083 mm (357.6 in)
Overall width (without mirrors)	3,480 mm (137 in)
Overall height	3,176 mm (125 in)
Ground clearance	522 mm (20.5 in)
Shipping weight	17,090 kg (37,670 lb)
Shipping width (without tracks)	3,249 mm (127.9 in)

PERFORMANCE

Payload	20,865 kg (46,000 lb)
Gross vehicle weight rating	40,823 kg (90,000 lb)
Maximum speed	9.5 km/h (5.9 mph)
Fording depth	1,295 mm (51 in)
Turning radius	0 m (0 in)
Ground pressure @ 150 mm (6 in) penetration	
Basic vehicle	140 g/cm ² (1.98 psi)
Loaded vehicle	259 g/cm ² (4.42 psi)
Maximum gradeability	
Uphill/downhill	60% (31°)
Sidehill	40% (21°)

ENGINE

Make	Caterpillar
Model	C9.3 Acert
Type	Turbo diesel, electronic fuel system
Emission standard	EPA Tier 4 Final EU Stage IV
Clean emission module	DOC, DPF and SCR
Regeneration	Active, no performance lost
Number of cylinders	6 cylinders in line
Displacement	9.3 L (567.5 in ³)
Horsepower @ 2,200 RPM	298 kW (400 HP)
Torque @ 1,400 RPM	1,726 N·m (1,273 lb·ft)
Fuel tank capacity	450 L (118.9 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 and auto-calibration

ELECTRICAL SYSTEM

Voltage	12 V
Alternator capacity	160 A
Battery capacity	2 x 1,150 CCA
Battery type	AGM

UNDERCARRIAGE

Suspension type	Walking beam mounted on urethane bushing
Wheel quantity	10
Wheel type	Solid
Wheel dimensions	221 mm X 920 mm (8.7 in X 36.2 in)

TRACKS

Type	D-dent, hardened steel
Width	1,105 mm (43.5 in)
Belt	Rubber, 7 plies
Tensioner	Grease-filled cylinder

PROVISION FOR EXTRA HYDRAULIC PUMP

Available flange and shaft types	SAE C 14t / 12-24 DP SAE B 13t - 15t / 16-32 DP SAE A 9t-11t / 16-32 DP
Direction of rotation	CCW (when looking at pump shaft)
Max. rotational speed	3,080 RPM

STANDARD EQUIPMENT

- ROPS ISO 3471
- Lockable fuel cap
- Pressurized hydrostatic oil tank
- D-rings for transportation (4x)
- Electronic programmable inclinometer with indication in the display
- Back-up alarm
- Electric horn
- Operating and Maintenance manuals
- Spare Parts catalog (on USB flash drive)

CAB (STANDARD)

- 1 person cabin
- Air-conditioned cab with adjustable temperature, fan control and fresh air intake
- Three-point seat belt
- Parking brake linked with operator seatbelt
- Lockable door
- Adjustable operator seat with suspension
- Four halogen front lights
- One halogen rear light
- Dome light
- Front wiper with intermittent, low and high speed
- Rear wiper with low, high speed
- Front and rear windshield washer
- Two exterior mirrors
- Two 12 V power outlets
- First aid kit
- Fire extinguisher
- Coat hanger
- Front and side windows emergency exits

OPTIONAL EQUIPMENT

- FOPS ISO 3449
- Brushguard
- Amber beacon light with protector
- Remote controlled directional spotlight
- Engine coolant heater ESPAR
- Maintenance kit, 500 or 2,000 hours include all air/fuel/hydrostatic filters
- Radio CD AM/FM with two speakers (world edition)
- Two heated exterior mirrors
- Rear pintle hook (up to 49,000 lb capacity)
- Emergency driving system
- PTO clutch
- Front winch
- Engine block and hydraulic oil heaters

