

Advantage: Cat

Cat® D5 VPAT Track-Type Tractor vs. Liebherr PR726 VPAT Generation 8



ENGINE / DRIVE TRAIN	Caterpillar:	Liebherr:
	<ul style="list-style-type: none"> • Cat® C7.1 engine, • 127 kW /170 hp @ 1770 rpm net power • Displacement 7.1l, 6-cylinder engine. • 3 speed Lockup Clutch and Powershift transmission for efficient performance. • Lower engine rpm for maximum durability and less fuel consumption. • Elevated sprocket design, providing smooth ride, easier cleanout, better serviceability. 	<ul style="list-style-type: none"> • Liebherr D934 A7 engine • 125 kW /168 hp@ 1900 rpm net power • Displacement 7.0l, 4-cylinder engine. • Hydrostatic transmission and steering. • Higher engine rpm inclines to burn more fuel. • Final drives exposed to collateral damages can be more expensive to repair.
OPERATOR STATION	Caterpillar:	Liebherr:
	<ul style="list-style-type: none"> • Seat angled 15° to provide great visibility dozing and ripping or reversing. • Rear view with guiding lines. • Next Gen cab with excellent visibility, comfort, and adjustable controls. • Tiller bar helps reduce operator fatigue, enhance control. • Cab with rear ladder to quickly access to cab air fresh filter and easily clean rear window and rear camera. • Handrail all around cab. 	<ul style="list-style-type: none"> • Seat sets at 0° reduces visibility at reversing of the machine. • Rear view without guiding line. • Fixed control consoles: does not provide any ergonomic when adjusting the seat. • Nearly no storage inside cab. • Poor access to clean rear window and rear camera. • No working light at the radiator guard / no light by the blade.
TECHNOLOGY	Caterpillar:	Liebherr:
	<ul style="list-style-type: none"> • 10-inch touch screen display. • 3D Grade display integrated in the dash panel. • 3D antennas integrated in cab roof, no protrusion. • Accurate instant and average fuel consumption. 	<ul style="list-style-type: none"> • 9-inch touch screen display. • 3D display pin-on the dash panel. • 3D antennas added on cab roof, protrusion subject to damages.

D5 Advantage: Overall Efficiency with Technology

The New D5 offers major advances in overall jobsite efficiency with Cat® GRADE with Slope Assist, Stable Blade, Blade Load Monitor, Traction Control, and Cat GRADE with 3D Grade technologies to help increase production, comfort, and safety, while lowering operating costs compared to the PR 726.

This document is intended as a reference for internal use by Caterpillar and Cat dealer personnel only. Some statements may be subjective based on operator observation or customer feedback. Please do not distribute, reproduce or copy.

Performance Study Comparison

Application	Fuel Consumption (L/h)	Fuel Efficiency (m ³ /L)
Heavy Dozing	14% Cat [®] Advantage	14% Cat Advantage
Backfilling	19% Cat Advantage	22% Cat Advantage
Spreading	29% Cat Advantage	

Source: Performance Report – September 2021

Specifications

	Cat [®] D5-17A	Cat D5-17A LGP	PR 726-G8	PR 726-G8 LGP
OPERATING WEIGHT (WITH FOLDING BLADE)	17 780 kg 39,198 lb.	19 440 kg 42,857 lb.	17 935 kg 39,540 lb.	18 908 kg 41,685 lb.
ENGINE MODEL	Cat C7.1 U.S. EPA Tier 4 Final, EU Stage V		D 934 A7 U.S. EPA Tier 4 Final, EU Stage V	
ENGINE DISPLACEMENT	7.1 liter		7.0 liter	
ENGINE NET POWER	127 kW / 170 HP		125 kW / 168 HP	
FUEL CAPACITY	315 L (83.2 gal)		430 L (113.6 gal)	
DEF CAPACITY	16 L (4.2 gal)		45 L (11.9 gal)	
BLADE CAPACITY (FOLDING)	3.5 m ³ / 4.6 yd ³	4.2 m ³ / 5.5 yd ³	3.33 m ³ / 4.35 yd ³	3.87 m ³ / 5.06 yd ³
STANDARD SHOE WIDTH	610 mm (24 in)	840 mm (33 in)	610 mm (24 in)	812 mm (32 in)
GROUND PRESSURE	47.6 kPa (6.9 psi)	32.6 kPa (4.7 psi)	46 kPa (6.54 psi)	37 kPa (5.26 psi)
GROUND CLEARANCE	358 mm (14.1 in)	473 mm (18.6 in)	429 mm (16.9 in)	

Customer Advantage

- Excellent operator comfort, large and comfortable cab.
- Greater fuel efficiency and lower fuel consumption demonstrated.
- Standard 10" color display.
- Available Cat Grade with 3D and technology options increase productivity and expand grading capabilities.
- Stage V emissions solution is simple with no downtime (passive regen).
- Lower maintenance costs and higher resale value.

Walkaround/ Demo Advantage

- Demonstrate technology features: Slope Assist, Blade Load Monitor, Auto Carry.
- Emphasize cab size, layout, ergonomics, etc.
- Point out excellent visibility from the cab.
- Point out dash panel ergonomic (3D screen integrated) and consoles adjustment.
- Show rear cab access-ladder to access cab filter and rear window clean.
- Showcase pinpoint turning capacity.

© 2021 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

