

# D8T LGP

## LGP A Blade Attachment



### Engine

Model	Cat® C15 ACERT™	
Emissions*	U.S. EPA Tier 4 Final/EU Stage IV/Japan 2014 (Tier 4 Final)/Korea Tier 4 Final	
Net Power (Rated)		
ISO 9249/SAE J1349	233 kW	312 hp
ISO 9249/SAE J1349 (DIN)		317 hp

### Operating Weights

LGP	40,487 kg	89,250 lb.
-----	-----------	------------

\* This D8 configuration is available globally to meet emission standards according to region. Please call for more information.

**PipeLine  
Machinery**



Your Global Partner for Pipeline Solutions

# Purpose-built for pipeline construction - D8T LGP



**PipeLine Machinery International (PLM)** introduces a custom equipment solution for the pipeline industry – the Cat® D8T LGP with a custom built angle blade and winch attachment. The Cat D8T has a long history of best-in-class versatility, productivity and resale value. The Low Ground Pressure (LGP) design in this configuration from Cat makes this model groundbreaking to the industry in this track-type tractor size.

This Tier 4 Final dozer is revolutionary due to the fact that it is purpose-built to move heavy loads in soft soil conditions so often associated with pipeline construction. With the support and engineering expertise of Caterpillar®, PLM presents a Cat D8T LGP that has a ground pressure of 8.4 psi, moving substantially more material than smaller machines in a LGP configuration with a much lighter footprint than the standard design. Together with features designed for even greater comfort, productivity and fuel efficiency, this purpose-built D8T LGP is innovation at its best – and is ready to work for you.



## ◀ TRACK PADS

A wider track shoe results in a 58% increase of track on the ground in the D8T LGP model.

### Specification Comparison

D8T	D8T LGP
24 in. ES Shoes	38 in. ES Shoes
Angle Blade	LGP Angle Blade*
Fuel Tank Guards	Fuel Tank Guards
<b>Winch</b>	<b>Winch</b>
312 hp	312 hp
83,250 lb.	89,250 lb.
12.4 psi	8.4 psi
—	58% Increase
	46% Increase over 26 in. shoe
	36% Increase over 28 in. shoe
<b>Width Across Track w/o Trunnion</b>	<b>Width Across Track w/o Trunnion</b>
8.8 ft. (2693 mm)	10.8 ft. (3302 mm)
<b>Width Across C-Frame</b>	<b>Width Across C-Frame</b>
11.5 ft. (3503 mm)	13.2 ft. (4014 mm)

\*LPG A Blade specifications on the next page.

\*\*LGP / Standard have same roller frame length. Track on the ground due to increase in shoe width only.



## ◀ LGP ANGLE BLADE

New to the pipeline industry is an angle blade purpose-built for the D8T LGP, allowing you to move large amounts of materials in the direction you want it to go without the heavy weight of a large machine.

### Blade Specifications

	Standard Angle Blade		LGP Angle Blade	
Height	1177 mm	3.9 ft.	1177 mm	3.9 ft.
Width	5045 mm	16.6 ft.	5556 mm	18.2 ft.
Capacity	5.2 m <sup>3</sup>	6.8 yd <sup>3</sup>	5.8 m <sup>3</sup>	7.6 yd <sup>3</sup>

## ▼ WINCH

The D8T LGP with angle blade comes with a winch configuration.

### Allied W12E Specifications\*

<b>Bare Drum</b>	Maximum Line Pull (pounds)	138,800
	Line Speed @	52 fpm
	Typical Working Load of (pounds)	80,000
	Maximum Line Speed	59 fpm
<b>Full Drum</b>	Maximum Line Pull (pounds)	138,800
	Line Speed @	78 fpm
	Typical Working Load of (pounds)	80,000
	Maximum Line Speed	92 fpm
<b>Weight (approx.)</b>	Winch w/o wire rope	4,300 lbs
	Fairlead (optional)	1,250 lbs
	Integral Arch	-

\* The above specifications are based on a W12E winch mounted on a Caterpillar D8T tractor. Please consult Allied Winch for performance information for winches mounted on other dozer brands and models.



# INNOVATION AT WORK.



The D8T LGP A blade combination is a direct result of listening to the voice of the customer. The idea was introduced when during a customer visit it was noted that a large track-type tractor was needed for the soft terrain and very wet conditions native to the project environment - with the ability to move large amounts of dirt off to the side of the right-of-way. PLM then collaborated with the engineering team at Caterpillar and after meticulous planning, the end result has been tested and proven to exceed the desired outcome.

Delivering maximum performance through quality machinery, solutions and people, **PipeLine Machinery International (PLM)** is ready to go to work for you. As your global Cat® dealer for the pipeline construction industry, we help you perform no matter where the job takes you. Our complete line of purpose-built pipelayers, custom equipment solutions, innovative carriers and smart load monitoring technologies help customers like you work safely and efficiently all over the world.

Through PLM you have one-stop access to purpose-built pipelayer parts and ancillary products such as the Cranesmart Load Monitoring Indicator and VOLTEK high voltage safety devices. We supply parts for Carco, Paccar and Allied winches in addition to parts for the latest innovation in low ground pressure carriers – the PANTHER T8 and T12. PLM has access to the largest inventory of used parts, attachments and components in the industry through the Cat dealer network. This all adds up to one thing, PLM is dedicated to your success.

Let's work together.



[www.plmcat.com](http://www.plmcat.com)

#### Contact Us:

USA: +1- 713-939-0007

Canada: +1-780-377-0336

China: +1-86-10-8468-3915

Netherlands: +31-70-353 8279

Australia: +61- 423 394 730

**PipeLine  
Machinery**



Your Global Partner for Pipeline Solutions