

D6K

Track-Type Tractor



Engine

Engine Model	Cat [®] C6.6 ACERT™	
Flywheel Power	93.2 kW	125 hp

Weights

Operating Weight – XL	12 886 kg	28,409 lb
Operating Weight – LGP	13 467 kg	29,690 lb

Engine

Engine Model	Cat® C6.6 ACERT™	
Flywheel Power	93.2 kW	125 hp
Net Power – Caterpillar	93.2 kW	125 hp
Net Power – ISO 9249	93.2 kW	125 hp
Net Power – SAE J1349	92.1 kW	123.4 hp
Net Power – EU 80/1269	93.2 kW	125 hp
Bore	105 mm	4.13 in
Stroke	127 mm	4.99 in
Displacement	6.6 L	403 in ³

- Engine Ratings at 2,100 rpm.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
- No derating required up to 3000 m (9,842 ft) altitude, beyond 3000 m (9,842 ft) automatic derating occurs.

Service Refill Capacities

Fuel Tank	295 L	77.9 gal
Cooling System	24.4 L	6.4 gal
Engine Crankcase	16.5 L	4.35 gal
Final Drive (XL each)	15 L	4 gal
Final Drive (LGP each)	23 L	6 gal
Hydraulic Tank	58 L	15.3 gal

Weights

Operating Weight – XL	12 886 kg	28,409 lb
Operating Weight – LGP	13 467 kg	29,690 lb
Shipping Weight – XL	12 611 kg	27,802 lb
Shipping Weight – LGP	13 192 kg	29,083 lb

- Operating Weight: Includes cab, air suspended seat, VPAT dozer, drawbar, transmission, 3-valve hydraulics, engine enclosures, operator and 95% fuel.
- Shipping Weight: Includes cab, air suspended seat, VPAT dozer, drawbar, transmission, 3-valve hydraulics and engine enclosures.

Undercarriage

Width of Shoe – XL	560 mm	22 in
Width of Shoe – LGP	760 mm	30 in
Shoes/Side – XL	40	
Shoes/Side – LGP	40	
Grouser Height	48 mm	1.9 in
Track Gauge – XL	1770 mm	70 in
Track Gauge – LGP	2000 mm	79 in
Track on Ground – XL	2645 mm	104 in
Track on Ground – LGP	2645 mm	104 in
Ground Contact Area – XL	3 m ²	4,650 in ²
Ground Contact Area – LGP	4 m ²	6,200 in ²
Ground Pressure – XL	42.5 kPa	6.16 psi
Ground Pressure – LGP	32.7 kPa	4.74 psi
Track Rollers/Side – XL	7	
Track Rollers/Side – LGP	7	

Blades

Blade Type	VPAT	
XL VPAT – Blade Capacity	2.7 m ³	3.5 yd ³
XL VPAT – Blade Width	3077 mm	10 ft
LGP VPAT – Blade Capacity	2.9 m ³	3.8 yd ³
LGP VPAT – Blade Width	3360 mm	11 ft

Ripper

Type	Parallelogram	
Number of Pockets	3	
Overall Beam Width	1951 mm	76.8 in
Beam Cross Section	165 × 211 mm	6.5 × 8.3 in
Maximum Penetration – XL	360 mm	14.2 in
Maximum Penetration – LGP	360 mm	14.2 in
Weight – With One Shank	845 kg	1,863 lb
Each Additional Shank	34 kg	75 lb

Winch

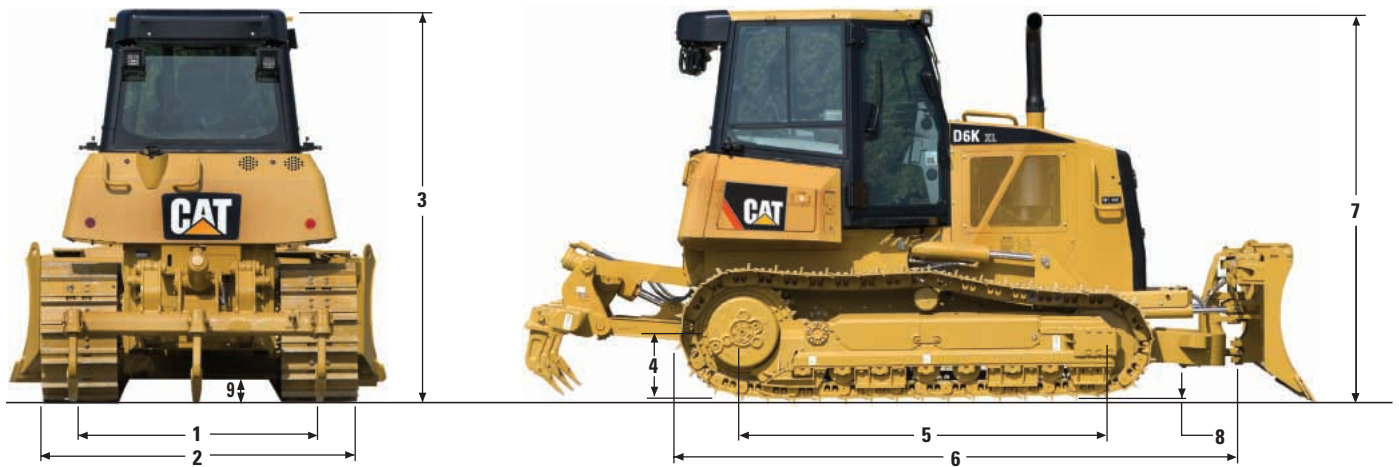
Winch Model	PA50	
Weight*	907 kg	2,000 lb
Winch and Bracket Length	842 mm	33.1 in
Winch Case Width	905 mm	35.6 in
Drum Diameter	203 mm	8 in
Drum Width	274 mm	11 in
Flange Diameter	457 mm	18 in
Recommended Cable Size	19 mm	0.75 in
Optional Cable Size	22 mm	0.87 in
Drum capacity – Recommended cable	91 m	300 ft
Drum capacity – Optional cable	66 m	216 ft 6 in

* Weight: Includes pump, operator controls, oil, mounting brackets and spacers.

Standards

- ROPS (Rollover Protective Structure) offered by Caterpillar for the machine meets ROPS criteria SAE J1040 MAY94, ISO 3471:1994 and DLV criteria SAE J397B, ISO 3164:1995.
- FOPS (Falling Object Protective Structure) meets SAE J/ISO 3449 APR98 Level II, ISO 3449:1992 Level II and DLV criteria SAE J397B, ISO 3164:1995.
- Brakes meet the standard SAE J/ISO 10265 MARCH99, ISO 10265:1998.
- The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT 98 is 81 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- The operator sound pressure level measured according to the procedures specified in ISO 6394:1998 is 72 dB(A) for the cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- Hearing protection is recommended when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.
- The exterior sound pressure level for the standard machine measured at a distance of 15 meters according to the test procedures specified in SAE J88 APR 95, mid-gear-moving operation, is 79.5 dB(A).
- The labeled sound power level is 109 dB(A) measured according to the test procedure and conditions specified in 2000/14/EC.

Dimensions (approximate)



Tractor Dimensions

	XL		LGP	
1 Track gauge	1770 mm	70 in	2000 mm	79 in
2 Width of tractor	With the following attachments:			
Standard shoes without blade	2330 mm	92 in	2760 mm	109 in
Standard shoes with VPAT blade angled 25°	2817 mm	111 in	3118 mm	123 in
Standard shoes with foldable blade in transport position	2336 mm	92 in	2760 mm	109 in
3 Machine height from tip of grouser:	With the following equipment:			
ROPS canopy	2958 mm	116 in	2958 mm	116 in
ROPS cab	2958 mm	116 in	2958 mm	116 in
4 Drawbar height (center of clevis)	From ground face of shoes			
	483 mm	19 in	483 mm	19 in
5 Length of track on ground	2645 mm	104 in	2645 mm	104 in
6 Length of basic tractor (with C-Frame)	4220 mm	166 in	4220 mm	166 in
	With the following attachments, add to basic tractor length:			
	With the following attachments, add to basic tractor length:			
Drawbar	320 mm	13 in	320 mm	13 in
Ripper	1133 mm	45 in	1133 mm	45 in
PA50 winch	640 mm	25 in	640 mm	25 in
VPAT blades, straight	468 mm	18 in	468 mm	18 in
VPAT blade, angled 25°	1116 mm	44 in	1179 mm	46 in
7 Height over stack from tip of grouser	2914 mm	115 in	2914 mm	115 in
8 Height of grouser	48 mm	2 in	48 mm	2 in
9 Ground clearance from ground face of shoe (per SAE J1234)	360 mm	14 in	360 mm	14 in