

Engine

Engine Model	Cat® C6.6 ACERT™	
Flywheel Power	111.8 kW	150 hp
Net Power – Caterpillar	111.8 kW	150 hp
Net Power – ISO 9249	111.8 kW	150 hp
Net Power – SAE J1349	110.4 kW	148 hp
Net Power – EU 80/1269	111.8 kW	150 hp
Bore	105 mm	4.13 in
Stroke	127 mm	4.99 in
Displacement	6.6 L	402.75 in ³

- Engine Ratings at 2,200 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 (9,840 ft) altitude, beyond 3000 m (9,840 ft) automatic derating occurs.

Transmission

1.5 Forward	3.1 km/h	1.93 mph
2.0 Forward	4.6 km/h	2.86 mph
2.5 Forward	5.7 km/h	3.54 mph
3.0 Forward	7.5 km/h	4.66 mph
3.5 Forward	10 km/h	6.21 mph
1.5 Reverse	3.1 km/h	1.93 mph
2.0 Reverse	5.1 km/h	3.17 mph
2.5 Reverse	6.4 km/h	4 mph
3.0 Reverse	8.6 km/h	5.34 mph
3.5 Reverse	11.6 km/h	7.21 mph
1.5 Forward – Drawbar Pull	320 kN	71,939 lb
2.0 Forward – Drawbar Pull	175 kN	39,341.6 lb
3.0 Forward – Drawbar Pull	97 kN	21,806.5 lb

Service Refill Capacities

Fuel Tank	299 L	79 gal
Cooling System	35 L	9.24 gal
Final Drives (each)	7 L	1.84 gal
Hydraulic Tank	29.5 L	7.79 gal

Weights

Operating Weight – XL	16 555 kg	36,497 lb
Operating Weight – LGP	17 741 kg	39,112 lb
Shipping Weight – XL	16 250 kg	35,825 lb
Shipping Weight – LGP	17 436 kg	38,440 lb

- Operating Weight: Includes EROPS, A/C, lights VPAT dozer, transmission, drawbar, engine enclosure, 3-valve hydraulics, 100% fuel, and C500 Comfort Seat and operator.
- Shipping Weight: Includes EROPS, A/C, lights VPAT dozer, transmission, drawbar, engine enclosure, 3-valve hydraulics, 5% fuel, and C500 Comfort Seat.

Dimensions

Overall Length Basic Tractor (with Drawbar)	3.74 m	12 ft 4 in
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Undercarriage

Width of Shoe – XL	610 mm	24.01 in
Width of Shoe – LGP	840 mm	33.07 in
Shoes/Side – XL	40	
Shoes/Side – LGP	46	
Track Gauge – XL	1890 mm	74.4 in
Track Gauge – LGP	2160 mm	85.03 in
Track on Ground – XL	2581 mm	101.6 in
Track on Ground – LGP	3117 mm	122.7 in
Ground Contact Area – XL	3.15 m ²	4,882 in ²
Ground Contact Area – LGP	5.24 m ²	8,122 in ²
Ground Pressure – XL	51.6 kPa	7.48 psi
Ground Pressure – LPG	33.2 kPa	4.8 psi
Track Rollers/Side – XL	7	
Track Rollers/Side – LGP	8	

Blades

Blade Type	VPAT, SU	
XL SU – Blade Capacity	4.28 m ³	5.6 yd ³
XL SU – Blade Width	3154 mm	10.35 ft
XL VPAT – Blade Capacity	3.18 m ³	4.16 yd ³
XL VPAT – Blade Width	3272 mm	10 ft 9 in
LGP VPAT – Blade Capacity	3.16 m ³	4.13 yd ³
LGP VPAT – Blade Width	4080 mm	13 ft 5 in

Ripper

Type	Fixed Parallelogram	
Number of Pockets	3	
Overall Beam Width	2202 mm	86.7 in
Beam Cross Section	216 × 254 mm	8.5 × 10.0 in
Maximum Penetration – XL	473.5 mm	18.6 in
Maximum Penetration – LGP	359.5 mm	14.2 in
Each Additional Shank	78 kg	172 lb

Winch

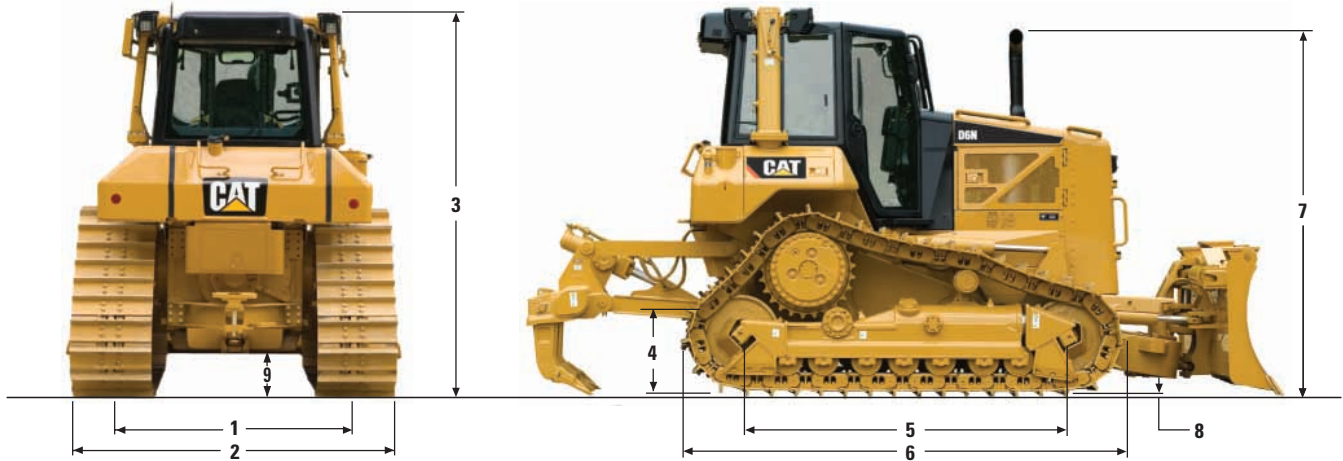
Winch Model	PA55	
Weight*	1276.5 kg	2,814 lb
Oil Capacity	74 L	19.55 gal
Winch and Bracket Length	1145 mm	45.1 in
Winch Case Width	975 mm	38.4 in
Drum Diameter	254 mm	10 in
Drum Width	315 mm	12.4 in
Flange Diameter	504 mm	19.8 in
Recommended Cable Size	19 mm	0.75 in
Optional Cable Size	22 mm	0.87 in
Drum capacity – Recommended cable	122 m	400 ft
Drum capacity – Optional cable	88 m	289 ft
Cable Ferrule Sizes – Outside Diameter	54 mm	2.13 in
Cable Ferrule Sizes – Length	65 mm	2.56 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 81.5 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 75 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 80 dB(A).
- The labeled sound power level is 110 dB(A) measured according to the test procedure and conditions specified in 2000/14/EC.

Dimensions (approximate)



Tractor Dimensions

	XL		LGP	
1 Track gauge	1890 mm	74.4 in	2160 mm	85 in
2 Width of tractor	With the following attachments:			
Standard shoes without blade	2500 mm	98.4 in	3000 mm	118 in
Narrow shoes without blade	2450 mm	96.5 in	2870 mm	113 in
Standard shoes with VPAT blade fully angled	2972 mm	117 in	3706 mm	146 in
3 Machine height from tip of grouser:	With the following equipment:			
ROPS canopy	3040 mm	119.7 in	3144 mm	123.8 in
ROPS cab	3095 mm	121.9 in	3200 mm	126 in
4 Drawbar height (center of clevis)	From ground face of shoes			
	565 mm	22.2 in	669 mm	26.3 in
5 Length of track on ground	2581 mm	101.6 in	3117 mm	122.7 in
6 Length of basic tractor (with drawbar)	3740 mm	147.2 in	4165 mm	164 in
	With the following attachments, add to basic tractor length:			
Ripper	1026 mm	40.4 in	1026 mm	40.4 in
PA55 winch	381 mm	15 in	381 mm	15 in
VPAT blades, straight	1163 mm	45.8 in	1204 mm	47.4 in
VPAT blade, angled 25°	1787 mm	70.4 in	2125 mm	83.7 in
SU blade	1417 mm	55.8 in	—	—
7 Height over stack from tip of grouser	2979 mm	117.3 in	3083 mm	121.4 in
8 Height of grouser	66 mm	2.6 in	57 mm	2.2 in
9 Ground clearance from ground face of shoe (per SAE J1234)	394 mm	15.5 in	507 mm	20.0 in