

D7G Series CAT  
2  
Track-Type Bulldozer



Engine

Engine model Cat® 3306 DITA  
Net power – Caterpillar 150 kW 202  
hp

- Engine power is measured at 2,000 rpm
- Net flywheel power is the output power at the flywheel after the engine has been configured with fan, air filter, water pump, and alternator.
- Capable of maintaining its rated power up to an elevation of 4,100 m (13,450 ft)

Weight

Operating weight 20,580 kg 45,381 lb

- Operating weight includes: oil, coolant, two-valve hydraulic system, 560 mm (22 in) track shoes, 7S blade, cab without roll-over protection system, air-conditioner, full tank of fuel, and operator with body weight of 80 kg (176 lb).

## Engine

Engine model	Cat® 3306 DITA	
Flywheel power	150 kW	202 hp
Maximum flywheel power	164 kW	220 hp
Net power – Caterpillar	150 kW	202 hp
Net power – ISO 9249	150 kW	202 hp
Net power – SAE J1349	150 kW	202 hp
Net power – EU 80/1269	150 kW	202 hp
Bore	121 mm	4.75 in
Stroke	152 mm	6 in
Displacement	10.5 L	638 in <sup>3</sup>

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## Gearbox

Forward gear 1	3.9 km/h	2.3 mph
Forward gear 2	6.9 km/h	4.3 mph
Forward gear 3	9.9 km/h	6.2 mph
Reverse gear 1	4.5 km/h	2.8 mph
Reverse gear 2	8.4 km/h	5.2 mph
Reverse gear 3	12.7 km/h	7.9 mph

## Service Refill Capacity

Fuel tank	415 L	110 gal
Cooling system	45.4 L	11.2 gal
Engine crankcase	27 L	7.3 gal
Final drive (each side)	34 L	9 gal
Hydraulic tank	102 L	27 gal
Gearbox, bevel gear housing, steering clutch housing, and torque converter	70 L	18.5 gal

## Weight

Operating weight	20,580 kg	45,381 lb
Shipping weight	15,650 kg	34,510 lb

- Operating weight includes: oil, coolant, two-valve hydraulic system, 560 mm (22 in) track shoes, 7S blade, cab without ROPS, air-conditioner, full tank of fuel, and operator with body weight of 80 kg (176 lb).
- Shipping weight includes: Lubricating oil, coolant, one-valve hydraulic control system, 610 mm (24 in) track shoes, and 5% diesel.

**Undercarriage**

Type of track shoe	Medium load (single-grouser)	
Track shoe width	560 mm	22 in
Optional track shoe width	510 mm	20 in
Number of track shoes, each side	38	
Grouser height	70 mm	2.7 in
Track on ground	2,720 mm	107 in
Area of ground contact	3.05 m <sup>2</sup>	4,708 in <sup>2</sup>

**Dozer Blades**

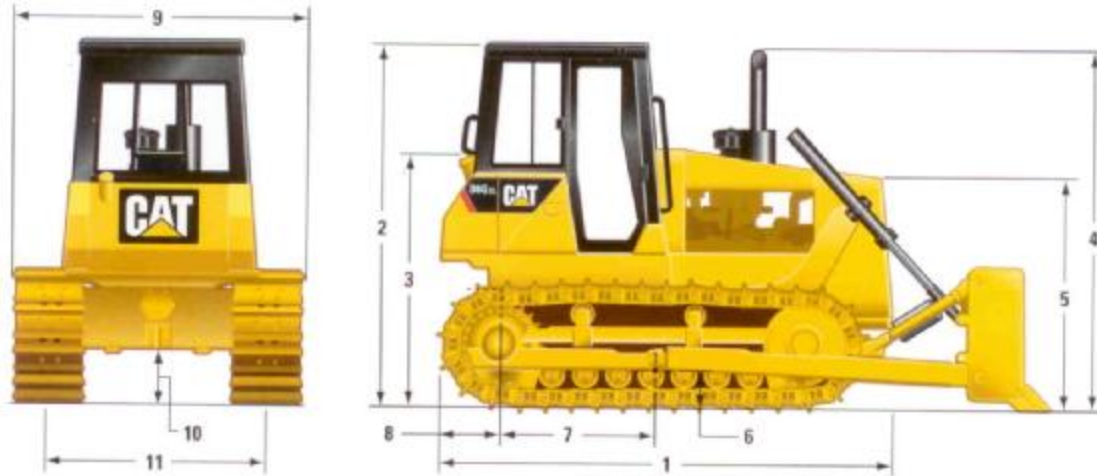
SU blade capacity	5.75 m <sup>3</sup>	7.53 yd <sup>3</sup>
S blade capacity	4.2 m <sup>3</sup>	5.5 yd <sup>3</sup>
A blade capacity	2.9 m <sup>3</sup>	3.8 yd <sup>3</sup>

**Ripper**

Type	Fixed parallelogram	
Number of shank pockets	3	
Overall beam width	2,210 mm	87 in
Maximum lift height (teeth down, secured with pins in base holes)	490 mm	19 in
Maximum rip depth	510 mm	20 in

## Dimensions

All dimensions are approximate.



<b>1</b> Total length	4,198 mm	165.3 in
<b>2</b> Height to top of cab without ROPS	3,294 mm	129.7 in
<b>3</b> Height to top of fuel tank	2,334 mm	91.9 in
<b>4</b> Height to top of exhaust pipe	2,942 mm	115.8 in
<b>5</b> Height to top of radiator	2,120 mm	83.5 in
<b>6</b> Height to bulldozer trunnion	481 mm	18.9 in
<b>7</b> Distance from sprocket to bulldozer trunnion	1,124 mm	44.2 in
<b>8</b> Distance from sprocket to rear of bulldozer	360 mm	14.2 in
<b>9</b> Total width (including 560 mm (22 in) standard shoes)	2,560 mm	100.8 in
<b>10</b> Ground clearance (SAE J894)	349 mm	13.7 in
<b>11</b> Track gauge	1,981 mm	78.0 in

If the following work tools are added, then add to the total length (1) the following measurements:

Angle blade	1,300 mm	51.2 in
Straight tilt blade	1,090 mm	42.9 in
No. 7 ripper	1,650 mm	65.0 in
PA57G winch	973 mm	38.3 in
SU blade	1,270 mm	50.0 in