

Doosan Wheel Loaders

MODEL	DL160	DL200	DL200TC (Specs are with 2.6 yd bucket)	DL250	DL250TC (Specs are with 3.4 yd bucket)	DL250 High Lift	DL300	DL400	DL450	DL500
Engine	T3	T3	T3	T3	T3	T3	T3	T3	T3	T3
Make	Cummins	Doosan	Doosan	Doosan	Doosan	Doosan	Doosan	Cummins	Cummins	Cummins
Horsepower, SAE Net hp @ rpm (kw @ rpm)	106 @ 2,000 (81 @ 2,000)	143 @ 2,100 (107 @ 2,100)	143 @ 2,100 (107 @ 2,100)	162 @ 2,100 (121 @ 2,100)	162 @ 2,100 (121 @ 2,100)	162 @ 2,100 (121 @ 2,100)	220 @ 2,000 (164 @ 2,000)	280 @ 2,100 (209 @ 2,100)	287 @ 2,000 (214 @ 2,000)	335 @ 1,900 (250 @ 1,900)
Torque, Gross ft lb @ rpm (kgf.m @ rpm)	339 @ 1,500 (47 @ 1,500)	506 @ 1,400 (70 @ 1,400)	506 @ 1,400 (70 @ 1,400)	593 @ 1,400 (82 @ 1,400)	593 @ 1,400 (82 @ 1,400)	593 @ 1,400 (82 @ 1,400)	759 @ 1,300 (105 @ 1,300)	1,070 @ 1,200 (148 @ 1,200)	1,070 @ 1,400 (148 @ 1,400)	1,237 @ 1,400 (171 @ 1,400)
Dimensions										
Operating Weight lb (kg)	19,246 (8,730)	24,912 (11,300)	25,574 (11,600)	30,865 (14,000)	32,243 (14,625)	32,108 (14,564)	38,493 (17,460)	50,133 (22,740)	56,165 (25,476)	66,017 (29,945)
Min. Turning Radius (Outside Corner Bucket) ft in (mm)	17'8" (5,390)	18'5" (5,610)	18'4" (5,595)	19'9" (6,010)	20'8" (6,300)	19'9" (6,010)	20'11" (6,380)	22'6" (6,870)	22'6" (6,850)	24'2" (7,370)
Max. Dump Clearance ft in (mm)	9'0" (2,745)	9'0" (2,745)	8'11" (2,719)	8'11" (2,730)	8'8" (2,633)	10'9" (3,273)	9'6" (2,890)	10'2" (3,090)	10'9" (3,290)	10'8" (3,250)
Bucket Hinge Pin Height ft in (mm)	11'10" (3,585)	12'7" (3,845)	12'6" (3,813)	12'9" (3,886)	13'0" (3,962)	14'3" (4,353)	13'1" (4,000)	14'3" (4,350)	14'10" (4,520)	15'0" (4,565)
Lifting Performance										
Bucket Capacity w/ Bolt on Cutting Edge yd ³ (m ³)	2.0 (1.6)	2.6 (2.0)	2.6 (2.0)	3.3 (2.6)	3.4 (2.6)	3.4 (2.6)	4.2 (3.2)	5.1 (3.9)	6.3 (4.8)	6.8 (5.2)
Tire Size	17.5R25 (L2)	20.5 x 25-16PR (L3)	20.5 x 25-16PR (L3)	20.5 x 25-16PR (L3)	20.5 x 25-16PR (L3)	20.5 x 25-16PR (L3)	23.5 x 25-16PR (L3)	26.5 x 25-20PR (L3)	26.5 x 25-20PR (L3)	29.5 x 25 (L3)
Breakout Force lbf (kg)	17,196 (7,800)	23,149 (10,500)	23,149 (10,500)	29,101 (13,200)	22,708 (10,300)	27,337 (12,400)	35,715 (16,200)	48,502 (22,000)	53,572 (24,300)	60,186 (27,300)
Tipping Cap. Straight lbf (kg)	14,330 (6,500)	19,555 (8,870)	18,913 (8,579)	26,896 (12,200)	20,765 (9,419)	25,664 (11,641)	31,967 (14,500)	41,447 (18,800)	43,973 (19,946)	50,706 (23,000)
Tipping Cap. Full Turn lbf (kg)	11,680 (5,300)	16,667 (7,560)	16,272 (7,381)	22,487 (10,200)	17,073 (7,744)	21,398 (9,706)	26,676 (12,100)	36,156 (16,400)	37,507 (17,013)	44,092 (20,000)
Transportability										
Overall Height ft in (mm)	10'4" (3,139)	10'8" (3,255)	10'8" (3,240)	10'10" (3,290)	10'8" (3,260)	10'8" (3,260)	11'3" (3,438)	11'7" (3,522)	11'8" (3,550)	12'6" (3,820)
Overall Length ft in (mm)	21'4" (6,510)	23'11" (7,285)	23'9" (7,240)	25'3" (7,694)	26'4" (8,032)	26'0" (7,928)	26'5" (8,045)	28'4" (8,635)	29'2" (8,900)	31'3" (9,525)
Overall Width (Bucket) ft in (mm)	8'0" (2,450)	8'4" (2,550)	8'4" (2,550)	9'0" (2,740)	9'0" (2,740)	9'0" (2,740)	9'7" (2,920)	10'0" (3,040)	10'0" (3,300)	11'2" (3,400)
Hydraulic System										
Pump Output gpm (lpm)	46.5 (176.0)	46.5 (176.0)	46.5 (176.0)	46.5 (176.0)	63.7 (241.0)	63.7 (241.0)	74.5 (282.0)	105.7 (400.0)	105.7 (400.0)	122.6 (464.0)
Total Cycle Time sec	10.2	11	11	10	10	10	11.5	10.4	10.4	12.1