

Specifications		
	DL300-5K (DL08)	
Configuration	US10	US20
Engine		
Model	DL08P	
Rated Flywheel Power (Gross)	275 hp @ 1,800 rpm	
Rated Horse Power (Net)	275 hp @ 1,800 rpm	
Max. Torque (Net)	940 lbf·ft @ 1,300 rpm	
Engine Emissions Tier (EPA)	T4	
Engine After Treatment	CEGR+DOC+SCR with DEF	
Engine Make	Doosan	
Engine Name	DL08	
Engine Number of Cylinders	6	
Engine Displacement	466 in³	
Hydraulic System		
Main Pump: Displacement	4.52 in³/rev	
System Pressure: Work	3,626 psi	
Boom Speed - Up (Loaded)	5.3 s (±0.5 s)	
Boom Speed - Down	2.5 s (±0.4 s)	
Bucket Speed - Dump	1.3 s (±0.3 s)	
Main Pump: Max. Flow Rate (each)	38.3 gal/min	
Main Pump: Quantity	1	
Main Pump: Main Relief Pressure	3,626 psi	
Total Cycle Time	9.1 s (±0.5 s)	
Undercarriage		
Tire Size	23.5-R25 (L3)	
Tread Width	7' 0"	
Travel System/Drive Mechanism		
Travel performance: Gradeability	27° @ 51 %	
Traveling performance: Max. Tractive Effort	40,565 lb	
Weights		
Operating Weight	41,502 lb	42,441 lb
Dimensions		
Bucket Capacity	4.19 yd³	
Bucket Width	9' 6"	
Hinge Pin Height	13' 0"	14' 10"
Dump reach at 45° (fully raised)	3' 9"	3' 10"
Dump height at 45° (fully raised)	9' 4"	11' 1"
Overall Height	11' 4"	
Overall Length	26' 6"	28' 2"
Wheel Base	10' 5"	
Ground Clearance	1' 6"	
External Turning Radius at Bucket Edge	21' 0"	21' 9"
Static Tipping Load (Straight)	33,061 lb	26,918 lb

Static Tipping Load (Full Turn)	29,194 lb	23,766 lb
Breakout Force	37,768 lbf	36,644 lbf
Rear Axle Oscillation	24°	
Digging Depth	4"	9"
Transmission		
Speeds Fwd	4	
Speeds Rev	3	
Travel Speed Forward - 1st gear	3.85 mph	
Travel Speed Forward - 4th gear	22.49 mph	
Final Drive	Planetary-Outboard	
Differential Type	Limited Slip	
Refill Capacities		
Fuel Tank	67.63 gal	
Cooling System	11.89 gal	
Hydraulic System	56.8 gal	
Hydraulic Tank	45.7 gal	
DEF / Ad blue Tank	15.85 gal	
T/C and T/M	11.1 gal	