

Specifications		
	DL420-5	
Configuration	US10	US20
Engine		
Model	DC13	
Rated Flywheel Power (Gross)	344.6 hp @ 1,800 rpm	
Rated Horse Power (Net)	344.6 hp @ 1,800 rpm	
Max. Torque (Net)	1180 lbf·ft @ 1,300 rpm	
Engine Emissions Tier (EPA)	T4	
Engine After Treatment	CEGR+DOC+SCR with DEF	
Engine Make	Scania	
Engine Name		
Engine Number of Cylinders	6	
Engine Displacement	775 in³	
Hydraulic System		
Main Pump: Displacement	8.54 in³/rev	
System Pressure: Work	4,569 psi	
Boom Speed - Up (Loaded)	6 s (±0.5 s)	
Boom Speed - Down	3 s (±0.4 s)	
Bucket Speed - Dump	1.7 s (±0.3 s)	
Main Pump: Max. Flow Rate (each)	70.27 gal/min	
Main Pump: Quantity	1	
Main Pump: Main Relief Pressure	4,569 psi	
Total Cycle Time	10.7 s (±0.3 s)	
Undercarriage		
Tire Size	26.5-R25 (L3)	
Tread Width	7' 6"	
Travel System/Drive Mechanism		
Travel performance: Gradeability	27° @ 51 %	
Traveling performance: Max. Tractive Effort	49,384 lb	
Weights		
Operating Weight	50,783 lb	51,919 lb
Dimensions		
Bucket Capacity	5.49 yd³	5.49 yd³
Bucket Width	10' 8"	10' 8"
Hinge Pin Height	14' 0"	15' 6"
Dump reach at 45° (fully raised)	4' 0"	4' 3"
Dump height at 45° (fully raised)	10' 1"	11' 9"
Overall Height	11' 7"	
Overall Length	28' 7"	30' 9"
Wheel Base	11' 5"	
Ground Clearance	1' 7"	
External Turning Radius at Bucket Edge	22' 9"	23' 0"
Static Tipping Load (Straight)	40,257 lb	32,320 lb

Static Tipping Load (Full Turn)	35,550 lb	28,550 lb
Breakout Force	47,210 lbf	45,187 lbf
Rear Axle Oscillation	24°	
Digging Depth	5"	7"
Transmission		
Speeds Fwd	4	
Speeds Rev	3	
Travel Speed Forward - 1st gear	4.47 mph	4.47 mph
Travel Speed Forward - 4th gear	22.37 mph	22.37 mph
Final Drive	Planetary-Outboard	
Differential Type	Limited Slip	
Refill Capacities		
Fuel Tank	77.14 gal	
Cooling System	14.48 gal	
Hydraulic System	66.04 gal	
Hydraulic Tank	58.12 gal	
DEF / Ad blue Tank	15.85 gal	
T/C and T/M	16.11 gal	