

Specifications		
	DX420LC-5	
Configuration	US20	US30
Engine		
Model	DX420LC-5	
Rated Flywheel Power (Gross)	344.6 hp @ 1,800 rpm (ISO-9249)	
Rated Horse Power (Net)	337.9 hp @ 1,800 rpm	
Max. Torque (Net)	1176 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	11.29 in³/rev	
Control Valve: Relief Valve Pressure (Normal)	4,694 psi	
Control Valve: Relief Valve Pressure (Boost)	4,978 psi	
Main Pump: Max. Flow Rate (each)	88.5 gal/min	
Main Pump: Quantity	2	
Main Pump: Main Relief Pressure		
Undercarriage		
Upper Rollers: Quantity Per Side	2	
Lower Rollers: Quantity Per Side	9	
Track Length	17' 0"	
Track Link: Track Gauge	9' 0"	
Ground Clearance	1' 9"	
Ground Pressure	8.5 psi	7.54 psi
Swing Mechanism		
Swing Performance: Max Swing Torque	118332 lbf·ft	
Swing Performance: Max Swing Speed (At Efficiency)	8.82 rpm	
Travel System/Drive Mechanism		
Travel performance: Traction Force (Highest Value)	90169 lbf·ft	
Travel performance: Traveling Speed - Low (XXX/)	1.93 mph	
Travel performance: Traveling Speed - High (/XXX)	3.17 mph	
Travel performance: Gradeability	70°	
Weights		
Operating Weight	94,799 lb	99,689 lb
Standard Boom Length	21.98 ft	21.98 ft
Standard Arm Length	10.66 ft	12.96 ft

Standard Bucket Size	2.49 yd ³	1.88 yd ³
Shoe Width	2' 7"	2' 11"
Dimensions		
Shipping Height - Hose (With Attachment)	11' 4"	11' 5"
Shipping Length (Without Attachment)	38' 6"	38' 6"
Shipping Width (Standard)	11' 7"	11' 11"
Overall Height Over Cab	10' 4"	
Working Range		
Max Digging Reach (Ground)	37' 0"	39' 3"
Max Digging Height	35' 5"	36' 10"
Max Digging Depth	25' 4"	27' 8"
Max Loading Height	25' 3"	26' 6"
Digging Force (ISO)		
Arm Digging Force - Pressure up	43,431 lb	37,258 lb
Bucket Digging Force - Pressure up	59,745 lb	59,745 lb
Arm Digging Force - Normal	41,006 lb	35,274 lb
Refill Capacities		
Fuel Tank	169.07 gal	
Hydraulic System	126.8 gal	
Engine Coolant	13.47 gal	
Engine Oil	11.89 gal	
Hydraulic Tank	103.03 gal	
Environment		
Noise Level: Guaranteed Sound Power Level	106 dBA	
Noise Level: Operator	72 dBA	
Lift Capacity		
Lifting Capacity over front @ Horizontal Distance - 10 ft Above Ground	31,820 lb @ 20 ft	29,290 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - Ground Level	37,380 lb @ 20 ft	36,240 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 10 ft Below Ground	35,010 lb @ 20 ft	35,910 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 3m Above Ground		
Lifting Capacity over front @ Horizontal Distance - 3m Below Ground		