

Specifications			
	DX800LC-7		
Configuration	US20	US30	US40
Engine			
Model	DX800LC-7		
Rated Flywheel Power (Gross)	539.1 hp @ 2,100 rpm		
Rated Horse Power (Net)			
Max. Torque (Net)	1821 lbf·ft @ 1,400 rpm		
Engine Emissions Tier (EPA)	T4		
Engine After Treatment	DOC+DPF+SCR with DEF		
Engine Make	Perkins		
Engine Name	Perkins 2506J		
Engine Number of Cylinders	6		
Engine Displacement	928 in³		
Hydraulic System			
Main Pump: Displacement	17.09 in³/rev		
Control Valve: Relief Valve Pressure (Normal)	5,078 psi		
Control Valve: Relief Valve Pressure (Boost)	5,362 psi		
Main Pump: Max. Flow Rate (each)	133.14 gal/min		
Main Pump: Quantity	2		
Main Pump: Main Relief Pressure	5,076 psi		
Undercarriage			
Upper Rollers: Quantity Per Side	3		
Lower Rollers: Quantity Per Side	8		
Track Length	19' 6"		
Track Link: Track Gauge	10' 11"		
Ground Clearance	2' 8"		
Ground Pressure	12.66 psi		
Swing Mechanism			
Swing Performance: Max Swing Torque	228563 lbf·ft		
Swing Performance: Max Swing Speed (At Efficiency)	7.4 rpm		
Travel System/Drive Mechanism			
Travel performance: Traction Force (Highest Value)	511374 lbf·ft @ 100 %		
Travel performance: Traveling Speed - Low (XXX/)	1.86 mph		
Travel performance: Traveling Speed - High (/XXX)	3.04 mph		
Travel performance: Gradeability	35° @ 70 %		
Weights			
Operating Weight	181,000 lb	181,661 lb	179,897 lb
Standard Boom Length	25.26 ft	25.26 ft	21.82 ft
Standard Arm Length	11.65 ft	13.78 ft	9.51 ft

Standard Bucket Size			
Shoe Width	2' 11"		
Dimensions			
Shipping Height - Hose (With Attachment)	15' 11"	17' 2"	16' 9"
Shipping Length (Without Attachment)	43' 2"	43' 2"	40' 5"
Shipping Width (Standard)	12' 6"		
Overall Height Over Cab	11' 7"		
Working Range			
Max Digging Reach (Ground)	42' 5"	44' 6"	37' 0"
Max Digging Height	39' 4"	40' 11"	34' 4"
Max Digging Depth	27' 5"	29' 6"	23' 4"
Max Loading Height	27' 5"	28' 7"	22' 11"
Digging Force (ISO)			
Arm Digging Force - Pressure up			
Bucket Digging Force - Pressure up	85,098 lb		
Arm Digging Force - Normal	64,155 lb		74,075 lb
Refill Capacities			
Fuel Tank	232.47 gal		
Hydraulic System			
Engine Coolant	22.8 gal		
Engine Oil	15.85 gal		
Hydraulic Tank	114.91 gal		
Environment			
Noise Level: Guaranteed Sound Power Level	109 dBA		
Noise Level: Operator	71 dBA		
Lift Capacity			
Lifting Capacity over front @ Horizontal Distance - 10 ft Above Ground			
Lifting Capacity over front @ Horizontal Distance - Ground Level			
Lifting Capacity over front @ Horizontal Distance - 10 ft Below Ground			
Lifting Capacity over front @ Horizontal Distance - 3m Above Ground			
Lifting Capacity over front @ Horizontal Distance - 3m Below Ground			