

Specifications		
	DX140LCR-5	
Configuration	US20	US40
Engine		
Model	DX140LCR-5	
Rated Flywheel Power (Gross)	115.2 hp @ 2,000 rpm	
Rated Horse Power (Net)	109.4 hp @ 2,000 rpm	
Max. Torque (Net)	369 lbf-ft @ 1,400 rpm	
Engine Emissions Tier (EPA)	T4	
Engine After Treatment	CEGR+DOC+SCR+ with DEF	
Engine Make	Perkins	
Engine Name	Perkins 1204F	
Engine Number of Cylinders	4	
Engine Displacement	269 in³	
Hydraulic System		
Main Pump: Displacement	3.48 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)	30.12 gal/min	
Main Pump: Quantity	2	
Main Pump: Main Relief Pressure		
Undercarriage		
Upper Rollers: Quantity Per Side	1	
Lower Rollers: Quantity Per Side	7	
Track Length	12' 3"	
Track Link: Track Gauge	6' 6"	
Ground Clearance	1' 4"	
Ground Pressure	5.5 psi	
Swing Mechanism		
Swing Performance: Max Swing Torque	34718 lbf-ft	
Swing Performance: Max Swing Speed (At Efficiency)	10.65 rpm	
Travel System/Drive Mechanism		
Travel performance: Traction Force (Highest Value)	29101 lbf-ft @ 100 %	
Travel performance: Traveling Speed - Low (XXX/)	1.74 mph	
Travel performance: Traveling Speed - High (/XXX)	2.92 mph	
Travel performance: Gradeability	70°	
Weights		
Operating Weight	34,987 lb	37,412 lb
Standard Boom Length	15.09 ft	
Standard Arm Length	9.84 ft	

Standard Bucket Size	0.51 yd ³	
Shoe Width	1' 11"	
Dimensions		
Shipping Height - Hose (With Attachment)	10' 3"	
Shipping Length (Without Attachment)	24' 0"	
Shipping Width (Standard)	8' 5"	
Overall Height Over Cab	9' 3"	
Working Range		
Max Digging Reach (Ground)	27' 11"	
Max Digging Height	31' 0"	
Max Digging Depth	19' 7"	
Max Loading Height	23' 2"	
Digging Force (ISO)		
Arm Digging Force - Pressure up	13,228 lb	
Bucket Digging Force - Pressure up	24,471 lb	
Arm Digging Force - Normal	12,346 lb	
Refill Capacities		
Fuel Tank	55.48 gal	
Hydraulic System	42.53 gal	
Engine Coolant	6.6 gal	
Engine Oil	2.11 gal	
Hydraulic Tank	34.34 gal	
Environment		
Noise Level: Guaranteed Sound Power Level	101 dBA	
Noise Level: Operator	73 dBA	
Lift Capacity		
Lifting Capacity over front @ Horizontal Distance - 10 ft Above Ground	10,320 lb @ 15 ft	10,320 lb @ 15 ft
Lifting Capacity over front @ Horizontal Distance - Ground Level	12,000 lb @ 15 ft	13,580 lb @ 15 ft
Lifting Capacity over front @ Horizontal Distance - 10 ft Below Ground	11,800 lb @ 15 ft	13,380 lb @ 15 ft
Lifting Capacity over front @ Horizontal Distance - 3m Above Ground		
Lifting Capacity over front @ Horizontal Distance - 3m Below Ground		