

Specifications		
	DX235LCR-5	
Configuration	US20	US40
Engine		
Model	DX235LCR-5	
Rated Flywheel Power (Gross)	189.4 hp @ 1,900 rpm (SAE J1995)	
Rated Horse Power (Net)	180.5 hp @ 1,900 rpm (SAE J1349)	
Max. Torque (Net)	593 lbf·ft @ 1,400 rpm	
Engine Emissions Tier (EPA)	T4	
Engine After Treatment	CEGR+DOC+SCR with DEF	
Engine Make	Doosan	
Engine Name	Doosan DL06P	
Engine Number of Cylinders	6	
Engine Displacement	359 in³	
Hydraulic System		
Main Pump: Displacement	7.05 in³/rev	
Control Valve: Relief Valve Pressure (Normal)	4,978 psi	
Control Valve: Relief Valve Pressure (Boost)	5,263 psi	
Main Pump: Max. Flow Rate (each)	58.73 gal/min	
Main Pump: Quantity	1	
Main Pump: Main Relief Pressure		
Undercarriage		
Upper Rollers: Quantity Per Side	2	
Lower Rollers: Quantity Per Side	9	
Track Length	14' 7"	
Track Link: Track Gauge	7' 10"	
Ground Clearance	1' 6"	
Ground Pressure	5.69 psi	7.4 psi
Swing Mechanism		
Swing Performance: Max Swing Torque	71245 lbf·ft	
Swing Performance: Max Swing Speed (At Efficiency)	11.3 rpm	
Travel System/Drive Mechanism		
Travel performance: Traction Force (Highest Value)	64375 lbf·ft @ 100 %	
Travel performance: Traveling Speed - Low (XXX/)	1.99 mph	
Travel performance: Traveling Speed - High (/XXX)	3.6 mph	
Travel performance: Gradeability	70°	
Weights		
Operating Weight	56,019 lb	58,445 lb
Standard Boom Length	18.7 ft	18.7 ft
Standard Arm Length	9.51 ft	

Standard Bucket Size	1.2 yd <sup>3</sup>	1.2 yd <sup>3</sup>
Shoe Width	2' 7"	1' 11"
Dimensions		
Shipping Height - Hose (With Attachment)	9' 8"	
Shipping Length (Without Attachment)	29' 5"	
Shipping Width (Standard)	10' 5"	9' 9"
Overall Height Over Cab	10' 1"	
Working Range		
Max Digging Reach (Ground)	31' 7"	
Max Digging Height	35' 5"	
Max Digging Depth	21' 10"	
Max Loading Height	26' 0"	
Digging Force (ISO)		
Arm Digging Force - Pressure up	24,471 lb	
Bucket Digging Force - Pressure up	35,274 lb	
Arm Digging Force - Normal	23,149 lb	
Refill Capacities		
Fuel Tank	81.89 gal	
Hydraulic System	60.76 gal	
Engine Coolant	8.19 gal	
Engine Oil	7.13 gal	
Hydraulic Tank	50.19 gal	
Environment		
Noise Level: Guaranteed Sound Power Level	103 dBA	
Noise Level: Operator	74 dBA	
Lift Capacity		
Lifting Capacity over front @ Horizontal Distance - 10 ft Above Ground	16,830 lb @ 20 ft	17,030 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - Ground Level	15,740 lb @ 20 ft	17,250 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 10 ft Below Ground	15,720 lb @ 20 ft	17,230 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 3m Above Ground		
Lifting Capacity over front @ Horizontal Distance - 3m Below Ground		