

Specifications			
	DX300LC-5		
Configuration	US20	US30	US50
Engine			
Model	DX300LC-5		
Rated Flywheel Power (Gross)	270.9 hp @ 1,800 rpm (DIN-6271)		
Rated Horse Power (Net)	266.5 hp @ 1,800 rpm		
Max. Torque (Net)	938 lbf-ft @ 1,300 rpm		
Engine Emissions Tier (EPA)			
Engine After Treatment			
Engine Make			
Engine Name			
Engine Number of Cylinders			
Engine Displacement			
Hydraulic System			
Main Pump: Displacement	8.42 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)	65.51 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	16' 2"		
Track Link: Track Gauge	8' 6"		
Ground Clearance			
Ground Pressure	6.5 psi	6.1 psi	6.1 psi
Swing Mechanism			
Swing Performance: Max Swing Torque	87787 lbf-ft		
Swing Performance: Max Swing Speed (At Efficiency)	9.88 rpm		
Travel System/Drive Mechanism			
Travel performance: Traction Force (Highest Value)	77162 lbf-ft		
Travel performance: Traveling Speed - Low (XXX/)	1.86 mph		
Travel performance: Traveling Speed - High (/XXX)	3.29 mph		
Travel performance: Gradeability	35° @ 70 %		
Weights			
Operating Weight	68,764 lb	71,300 lb	72,462 lb
Standard Boom Length	20.49 ft	20.49 ft	32.81 ft
Standard Arm Length	10.17 ft	12.3 ft	22.97 ft

Standard Bucket Size	1.66 yd ³	1.35 yd ³	0.84 yd ³
Shoe Width	2' 7"	2' 9"	2' 9"
Dimensions			
Shipping Height - Hose (With Attachment)	11' 0"	11' 8"	11' 4"
Shipping Length (Without Attachment)	34' 8"	35' 0"	46' 11"
Shipping Width (Standard)	11' 1"	11' 3"	11' 3"
Overall Height Over Cab	10' 0"	10' 0"	10' 0"
Working Range			
Max Digging Reach (Ground)	34' 6"	36' 3"	57' 0"
Max Digging Height	33' 10"	34' 1"	46' 6"
Max Digging Depth	23' 11"	26' 0"	45' 2"
Max Loading Height	23' 10"	24' 3"	39' 3"
Digging Force (ISO)			
Arm Digging Force - Pressure up	30,644 lb	27,337 lb	16,535 lb
Bucket Digging Force - Pressure up	44,092 lb	44,092 lb	23,149 lb
Arm Digging Force - Normal	29,101 lb	25,794 lb	15,653 lb
Refill Capacities			
Fuel Tank	132.09 gal		
Hydraulic System	81.89 gal		
Engine Coolant	12.94 gal		
Engine Oil	9.51 gal		
Hydraulic Tank	73.97 gal		
Environment			
Noise Level: Guaranteed Sound Power Level	104 dBA		
Noise Level: Operator	71 dBA		
Lift Capacity			
Lifting Capacity over front @ Horizontal Distance - 10 ft Above Ground	20,500 lb @ 20 ft	18,670 lb @ 20 ft	14,000 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - Ground Level	25,710 lb @ 20 ft	24,650 lb @ 20 ft	19,290 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 10 ft Below Ground	25,680 lb @ 20 ft	26,000 lb @ 20 ft	21,680 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 3m Above Ground			
Lifting Capacity over front @ Horizontal Distance - 3m Below Ground			