

Specifications		
	DX490LC-5	
Configuration	US20	US30
Engine		
Model	DX490LC-5	
Rated Flywheel Power (Gross)	379.5 hp @ 1,800 rpm (ISO-9249)	
Rated Horse Power (Net)	372.8 hp @ 1,800 rpm	
Max. Torque (Net)	1298 lbf·ft @ 1,300 rpm	
Engine Emissions Tier (EPA)	T4	
Engine After Treatment	CEGR+DOC+SCR with DEF	
Engine Make	Scania	
Engine Name	Scania DC13	
Engine Number of Cylinders	6	
Engine Displacement	775 in³	
Hydraulic System		
Main Pump: Displacement	12.2 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)	93.78 gal/min	
Main Pump: Quantity	2	
Main Pump: Main Relief Pressure		
Undercarriage		
Upper Rollers: Quantity Per Side	3	
Lower Rollers: Quantity Per Side	9	
Track Length	17' 10"	17' 11"
Track Link: Track Gauge	9' 8" (Wide Variable Track)	9' 0" (Fixed Track)
Ground Clearance	2' 6"	
Ground Pressure	8.4 psi	
Swing Mechanism		
Swing Performance: Max Swing Torque	145601 lbf·ft	
Swing Performance: Max Swing Speed (At Efficiency)	8.6 rpm	
Travel System/Drive Mechanism		
Travel performance: Traction Force (Highest Value)	100531 lbf·ft	
Travel performance: Traveling Speed - Low (XXX/)	1.93 mph	
Travel performance: Traveling Speed - High (/XXX)	3.36 mph	
Travel performance: Gradeability	70°	
Weights		
Operating Weight	112,206 lb	108,900 lb
Standard Boom Length	23.29 ft	23.29 ft
Standard Arm Length	10.99 ft	10.99 ft

Standard Bucket Size	2.8 yd ³	2.8 yd ³
Shoe Width	2' 11"	
Dimensions		
Shipping Height - Hose (With Attachment)	12' 1"	11' 7"
Shipping Length (Without Attachment)	40' 1"	40' 3"
Shipping Width (Standard)	10' 9"	11' 11"
Overall Height Over Cab	10' 11"	10' 5"
Working Range		
Max Digging Reach (Ground)	38' 11"	39' 0"
Max Digging Height	36' 3"	35' 9"
Max Digging Depth	25' 6"	26' 0"
Max Loading Height	25' 9"	25' 3"
Digging Force (ISO)		
Arm Digging Force - Pressure up	50,045 lb	50,045 lb
Bucket Digging Force - Pressure up	67,902 lb	67,902 lb
Arm Digging Force - Normal	47,179 lb	47,179 lb
Refill Capacities		
Fuel Tank	180.96 gal	
Hydraulic System	132.09 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	37,910 lb @ 20 ft	37,910 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - Ground Level	43,110 lb @ 20 ft	43,110 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 10 ft Below Ground	39,690 lb @ 20 ft	39,690 lb @ 20 ft
Lifting Capacity over front @ Horizontal Distance - 3m Above Ground		
Lifting Capacity over front @ Horizontal Distance - 3m Below Ground		