

Specifications				
	DX42-5			
Configuration	DX42-5-US20	DX42-5-US21	DX42-5-US30	DX42-5-US31
Engine				
Model	DX42-5			
Rated Flywheel Power (Gross)	42.6 hp @ 2,200 rpm (SAE-J1995)			
Rated Horse Power (Net)	39.5 hp @ 2,200 rpm			
Max. Torque (Net)	112 lbf-ft @ 1,600 rpm			
Engine Emissions Tier (EPA)	Tier 4			
Engine After Treatment				
Engine Make	D24 Turbo			
Engine Name	Doosan D24			
Engine Number of Cylinders	4			
Engine Displacement	146 in <sup>3</sup>			
Hydraulic System				
Main Pump: Displacement				
Control Valve: Relief Valve Pressure (Normal)				
Control Valve: Relief Valve Pressure (Boost)				
Main Pump: Max. Flow Rate (each)	26.2 gal/min			
Main Pump: Quantity	1			
Main Pump: Main Relief Pressure	3,625 psi			
Undercarriage				
Upper Rollers: Quantity Per Side				
Lower Rollers: Quantity Per Side	5			
Track Length	7' 5"			
Track Link: Track Gauge				
Ground Clearance	8"			
Ground Pressure	4.33 psi			
Swing Mechanism				
Swing Performance: Max Swing Torque				
Swing Performance: Max Swing Speed (At Efficiency)	9 rpm			
Travel System/Drive Mechanism				
Travel performance: Traction Force (Highest Value)	8026 lbf-ft			
Travel performance: Traveling Speed - Low (XXX/)	1.6 mph			
Travel performance: Traveling Speed - High (/XXX)	2.9 mph			
Travel performance: Gradeability	30°			
Weights				
Operating Weight	9,555 lb	10,031 lb	9,246 lb	9,722 lb
Standard Boom Length	8.69 ft			
Standard Arm Length	4.59 ft	5.58 ft	4.59 ft	5.58 ft

Standard Bucket Size	0.19 yd <sup>3</sup>			
Shoe Width	1' 1"			
<b>Dimensions</b>				
Shipping Height - Hose (With Attachment)	8' 2"			
Shipping Length (Without Attachment)	16' 8"	16' 9"	16' 8"	16' 9"
Shipping Width (Standard)	5' 8"			
Overall Height Over Cab	8' 2"			
<b>Working Range</b>				
Max Digging Reach (Ground)	17' 2"	18' 2"	17' 2"	18' 2"
Max Digging Height				
Max Digging Depth	10' 6"	11' 5"	10' 6"	11' 5"
Max Loading Height	12' 4"	12' 11"	12' 4"	12' 11"
<b>Digging Force (ISO)</b>				
Arm Digging Force - Pressure up	5,672 lb	4,953 lb	5,672 lb	4,953 lb
Bucket Digging Force - Pressure up	9,183 lb			
Arm Digging Force - Normal				
<b>Refill Capacities</b>				
Fuel Tank				
Hydraulic System				
Engine Coolant				
Engine Oil				
Hydraulic Tank				
<b>Environment</b>				
Noise Level: Guaranteed Sound Power Level	96 dBA			
Noise Level: Operator	80 dBA			
<b>Lift Capacity</b>				
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				