

SPECIFICATIONS

Model and Type		S100		
		One way	Swivel Dump	
Machine Mass		935 [880] kg	965 [910] kg	
Maximum Payload		9.8kN(1000kgf)		
Dimensions	Overall Length	2840 [2740] mm	2705 [2595] mm	
	Overall Width	1025 [980] mm		
	Overall Height	2345 [1465] mm		
	Track Contact Length	1160mm		
	Track Gauge	750mm		
	Track Width	230mm		
	Ground Clearance	145mm		
	Loading Deck Height	555mm	620mm	
Loading Deck	Length	1420mm	1340mm	
		870mm	890mm	
	Dimensio	Height	320mm	490mm
		Struck Heaped	0.43m ³	0.39m ³
Payload	0.55m ³	0.50m ³		
Engine	Model	Kubota D722		
	Type	Water-cooled 4-cycle Diesel, in-line 3 cylinder		
	Cylinder (Bore×Stroke)	67×68mm		
	Displacement	719cm ³		
	Rated Output	11.0kw(15.0PS)		
	Maximum Torque	37.0N·m(3.8kgf·m)		
	Starter System	Electric		
	Fuel	Diesel Fuel		
	Fuel Consumption	312.7g/kW·h		
	Fuel Tank Capacity	15L		
	Oil Capacity	3.8L		
	Coolant Capacity	3.1L excluding reservoir		
	Electical	Battery Type	75D23R	
Battery Capacity		12V/52AH		
Working Lamp		12V/18.4W		
Performance and Operating Range	Speed	0 - 5.4km/h		
	Minimum Turning Radius	1.7m	1.55m	
	Gradability	25(Unloaded) / 15(Loaded)		
	Stability Angle(Loaded)	25°		
	Operating Temperature	-15~40°C		
	Altitude	0~1500m		
HST Oil Capacity		20L	23.3L	
Drive Train	Main Transmission	Twin HST		
	Steering	Twin HST, 2 Lever		
	Brakes	Internally Expanding		
	Transmission Oil Capacity	2.0L		
Dumping System	Dumping System	Front Dump	Swivel Dump	
	Hydraulic Pump	Type	Gear Pump	
		Power Package		
	Max. Speed	2300rpm	2700rpm	
	Max. Discharge	12.2L/min	12L/min	
	Relief Pressure	13.7MPa(140kgf/cm ²)	14.7MPa(150kgf/cm ²)	
	Cylinder(Bore×Stroke)		60×300mm	60×400mm
		Max. Angle	67°	90°
Performance	Lifting Time	approx. 6.2Sec	approx. 6.3Sec	
	Lowering Time	approx. 3.8Sec	approx. 5.1Sec	
Hydraulic Fluid Capacity	1.6L	Shared with HST System		
Swivel System	Swivel System	-	Hydraulic (Twin cylinder)	
	Swiveling Angle	-	90(Right/Left)	
	Swiveling Time	-	approx. 3.0Sec / 90°	
	Cylinder(Bore×Stroke)	-	50×160mm	