

Product Specifications

⚠ CAUTION
· Use this product properly after understanding its specifications thoroughly.

Model and Type		S160		
		Swivel Dump		
Machine Mass		kg	1340 [1400]	
Maximum Payload		kN(kgf)	15.7(1600)	
Dimensions	Overall Length	mm	2850 [2940]	
	Overall Width	mm	1120 [1150]	
	Overall Height	mm	1575 [2385]	
	Track Contact Length	mm	1195	
	Track Gauge	mm	840	
	Ground Clearance	mm	160	
	Loading Deck Height	mm	630	
Loading Deck	Inside Dimensions	Length	mm	1475
		Width	mm	1010
		Height	mm	550
	Payload	Struck	m ³	0.6
		Heaped	m ³	0.74
Engine	Model		Kubota D1105-E4B	
	Type		Water-cooled 4-cycle Diesel, in-line 3 cylinder	
	Cylinder (Bore×Stroke)		mm	78X78.4
	Displacement		cm ³	1123
	Rated Output		kw(PS)	16.1(22)
	Maximum Torque		N·m(kgf·m)	70.3(7.2)
	Starter System			Electric
	Fuel			Diesel No.2-D (ASTM D975)
	Fuel Consumption		g/kW·h(g/PS·h)	255(190)
	Fuel Tank Capacity		L	22
	Oil Capacity		L	3.3
	Coolant Capacity		L	3.5 (excluding reservoir)
Electrical	Battery Type		95D31R	
	Battery Capacity		V/AH	12/65
	Working Lamp		V/W	12/18.4

*[] The figure in the brackets indicates when ROPS is installed.

Model and Type			S160	
			Swivel Dump	
Performance and Operating Range	Speed	km/h	0-7.0	
	Minimum Turning Radius	m	1.7	
	Gradability	Degrees	25(Empty)	
	Operating Temperature	°C	-15~40	
	Altitude	m	0~1,500	
HST Oil Capacity		L	32	
Drive Train	Main Transmission		Twin HST	
	Steering		Twin HST, 2 Lever	
	Brakes		Internally Expanding	
	Track Size		280×51×72	
	Transmission Oil Capacity		L	3.2
Dumping System	Dumping System		Swivel Dump	
	Hydraulic Pump	Type	Gear Pump	
		Max. Speed	rpm	2,100
		Max. Discharge	L/min	16.8
	Relief Pressure		MPa(kgf/cm ²)	14.0(145)
	Cylinder(Bore X Stroke)		mm	465X625
	Performance	Max. Angle	Degrees	90
		Lifting Time	Sec	approx. 7.4
		Lowering Time	Sec	approx. 5.0
	Hydraulic Fluid Capacity		L	Shared with HST System
Swivel System	Swivel System		Hydraulic (Twin cylinder)	
	Swiveling Angle		Degrees	90(Right) - 90 (Left)
	Swiveling Time		Sec	approx. 6.6/180°
	Cylinder(Bore X Stroke)		mm	50X160

These specifications are subject to change without notice.

Contents of the Tool Bag

Check	No.	Content	Quantity	Note
<input type="checkbox"/>	1	Operator's Manual	1	This Manual
<input type="checkbox"/>	2	Operator's Manual for the Engine	1	
<input type="checkbox"/>	3	Engine Service Tool	1	for Servicing the Engine