

SPECIFICATIONS



Model and Type			S160
			Swivel Dump
Machine Mass			1400 [1310] kg
Maximum Payload			15.7kN(1600kgf)
Dimensions	Overall Length		2970 [2850] mm
	Overall Width		1130 [1120] mm
	Overall Height		2385 [1575] mm
	Track Contact Length		1195mm
	Track Gauge		840mm
	Ground Clearance		160mm
	Loading Deck Height		630mm
Loading Deck	Inside Dimension	Length	1475mm
		Width	1010mm
		Height	550mm
	Payload	Struck	0.6m³
		Heaped	0.74m³
Engine	Model		Kubota D1105-E3B
	Type		Water-cooled 4-cycle Diesel, in-line 3 cylinder
	Cylinder (Bore×Stroke)		78×78.4mm
	Displacement		1123cm³
	Rated Output		15.1kw(20.5PS)
	Maximum Torque		70.3N·m(7.2kgf·m)
	Starter System		Electric
	Fuel		Diesel No.2-D(ASTM D975)
	Fuel Consumption		255g/kW·h(190g/PS•h)
	Fuel Tank Capacity		22L
	Oil Capacity		3.3L
Electrical	Coolant Capacity		3.5L(excluding reservoir)
	Battery Type		95D31R
	Battery Capacity		12V/65AH
	Working Lamp		12V/18.4W
Performance and Operating Range	Speed		0-7.0km/h
	Minimum Turning Radius		1.7m
	Gradability		25(Unloaded)
	Operating Temperature		-15~40°C
	Altitude		0~1500m
HST Oil Capacity			32L
Drive Train	Main Transmission		Twin HST
	Steering		Twin HST, 2Lever
	Brakes		Internally Expanding
	Track Size		280×51×72mm
	Transmission Oil Capacity		3.2L
Dumping System	Dumping System		Swivel Dump
	Hydraulic Pump	Type	Gear Pump
		Max. Speed	2100rpm
		Max. Discharge	16.8L/min
	Relief Pressure		14.0MPa (145kgf/cm²)
	Cylinder(Bore×Stroke)		465×625mm
	Performance	Max. Angle	90°
		Lifting Time	approx. 7.4Sec
Lowering Time		approx. 5.0Sec	
Swivel System	Hydraulic Fluid Capacity		Shared with HST System
	Swivel System		Hydraulic (Twin cylinder)
	Swiveling Angle		90(Right/Left)
	Swiveling Time		approx. 6.6Sec / 180°
	Cylinder(Bore×Stroke)		50×160mm