

[ PUNDA ]

# S160 Swivel Dump

Max. Output  
**20.5PS**

Max. Payload  
**1600kg**

**Compact and outstanding for indoor applications**  
**The S160 enables speed and efficiency on the job**

This is a compact machine for indoor or outdoor applications and carrying large loads gravel, stones, etc.



### Twin HST

With the twin HST drive system, you can make a pivot turn on one side of the machine, while the other side of the crawler is locked. Left and right movements are possible while moving forward or backward. You can even make a smooth counter rotation.



### Easy maintenance

Easy access engine hood opens fully for quicker maintenance and inspections.



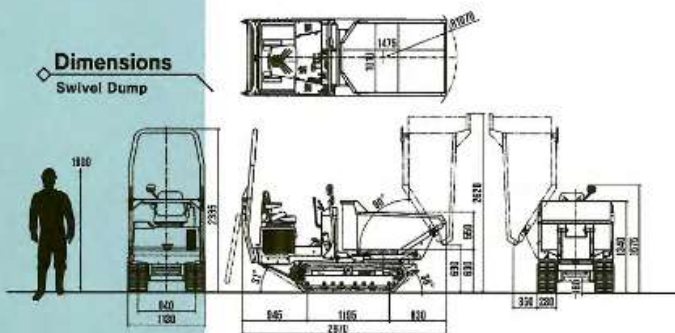
### Smooth travel

The HST enables easy and smooth travel. The length of the track on the ground and the swing track roller allows smooth travel.

### Other

- Due to the rotating seat, you can get off and get on the machine from both sides (left & right).
- Safety function switch to prevent against brake crags.

Dimensions  
Swivel Dump



### Specifications

		S160		
<b>Model and Type</b>		<b>Swivel Dump</b>		
		Scoop Bucket		
<b>Machine Mass</b>		1400(1310)kg		
<b>Maximum Payload</b>		15.7kN(1600kgf)		
<b>Dimensions</b>	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 Bucket Height	630mm		
<b>Loading Bucket</b>	Inside Dimensions	Length	1475mm	
		Width	1010mm	
		Height	550mm	
	Payload	Struck	0.6m <sup>3</sup>	
		Heaped	0.74m <sup>3</sup>	
<b>Engine</b>	Model	Kubota D1105-E3B		
	Type	Water-cooled 4-cycle Diesel, in-line 3 cylinder		
	Cylinder (Bore×Stroke)	78×78.4mm		
	Displacement	1123cm <sup>3</sup>		
	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			
Coolant Capacity	3.5L(excluding reservoir)			
<b>Electrical</b>	Battery Type	95D31R		
	Battery Capacity	12V/65AH		
	Working Lamp	12V/8.4W		
<b>Performance and Operating Range</b>	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		
<b>Drive Train</b>	Main Transmission	Twin HST		
	Steering	Twin HST, 2Lever		
	Brakes	Internally Expanding		
	Track Size	280×51×72mm		
	Transmission Oil Capacity	3.2L		
<b>Dumping System</b>	Dumping System		Hydraulic Dump	
	Hydraulic Pump	Type	Gear Pump	
		Max. Speed	2100rpm	
		Max. Discharge	18.8L/min	
	Relief Pressure	14.0MPa (145kgf/cm <sup>2</sup> )		
	Performance	Cylinder(Bore×Stroke)	465×625mm	
		Max. Angle	90°	
		Lifting Time	approx. 7.4Sec	
Lowering Time	approx. 5.0Sec			
Hydraulic Fluid Capacity		Shared with HST System		
Swivel System		Hydraulic (Twin cylinder)		
<b>Swivel System</b>	Swiveling Angle		90° (Right/Left)	
	Swiveling Time		approx. 6.6Sec / 180°	
	Cylinder(Bore×Stroke)		50×160mm	

\* [ ] Indicates models without ROPS.

\*These specifications are subject to change without notice.

