

[ PUNDA ]

# S100

Swivel Dump

1-way Dump

Max. Output  
**15PS**

Max. Payload  
**1000kg**

## 1 ton type mini dumper for narrow construction job sites

With the swivel dumping system, you can dump in narrow job sites and in a variety of conditions. A highly popular feature for this type.



1-way Dump

Swivel Dump



### Starting safety functions

When the steering levers are in neutral, the machine will not start unless the brake pedal is engaged.



### Dumping Angle

For the swivel dump type 90°  
For the 3-way Opening Door Bucket type 67°



### Flat deck

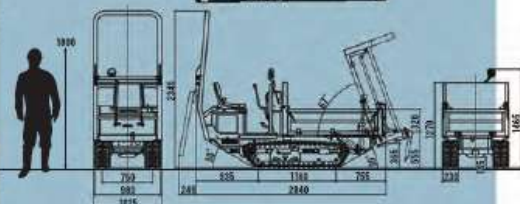
The driver's seat is a walk-through type that enables easy access to the operator platform from the left and right sides.

### Other

- HST allows smooth turning
- Maintenance is easy with full open hood

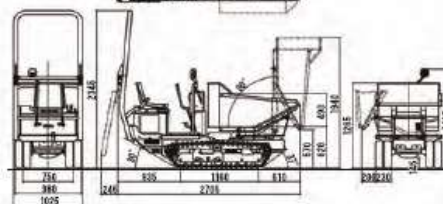
### Dimensions

1-way Dump



### Dimensions

Swivel Dump



### Specifications

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

\*1 ) indicates models without ROPS.

\*These specifications are subject to change without notice.