



# SPECIFICATIONS SHEET FOR S120



Machine Mass	kg	1080	
Maximum Payload	kN(kgf)	11.8 (1200)	
HST Oil Capacity	L	20	
Operating Temperature	°C	between -15°C and +40°C	
Operating Elevation	m	below 1500 *1	
<b>Dimensions</b>			
Overall Length	mm	2670	
Overall Width	mm	990	
Overall Height	mm	2330	
Tumbler Length	mm	1160	
Track Tread	mm	760	
Minimum Ground Clearance	mm	145	
Floor Height	mm	620	
<b>Loading Deck</b>			
Inside Dimensions	Length	mm	1340
	Width	mm	890
	Height	mm	490
Payload	Struck	m <sup>3</sup> (kg)	0.39 (860)
	Heaped	m <sup>3</sup> (kg)	0.59 (1180)
<b>Engine</b>			
Model		Kubota D 722	
Type		4-cycle, Water-cooled Diesel	
Cylinder (Bore X Stroke)	mm	67 X 68	
Total Displacement	cm <sup>3</sup>	719	
Rated Output	kW(PS)/rpm	10.9 (14.8) / 2800 *net	
Maximum Torque	N·m(kgf·m)	42.1 (4.3) / 2200 *net	
Starting		Electric	
Fuel used		Diesel Fuel	
Fuel Consumption	g/kW·h(g/PS·h)	295 (208)	
Fuel Tank Capacity	L	15.0	
Lubricating Oil Capacity	L	3.8	
Battery Capacity	V/AH	12/52	
<b>Performance</b>			
Travel Speed	km/h	0 to 5.1	
Minimum Turning Radius	m	1.55	
Gradability	Degrees	25 (unloaded)	
<b>Drive Train</b>			
Main Transmission		Twin HST	
Steering System		Twin HST - 2 Lever	
Brakes		Internally Expanding	
<b>Dumping System</b>			
Dump System		Swivel Dump	
Hydraulic Pump	Type	Gear Pump	
	Max. Discharge	L/min	10.0
Relief Pressure	MPa(kgf/cm <sup>2</sup> )	14.78 (150)	
Dumping Max. Angle	Degrees	90	
<b>Swivel System</b>			
Swivel System		Hydraulic (Twin cylinder)	
Swiveling Angle	°	90(Right) - 90 (Left)	

\*1 Engine performance is reduced when used above 1500m of elevation. These specifications are subject to change without notice.

CANYCOM S120