

Ficha Técnica XS80



Mass (kg)(With allowance of ±3%)	Smooth Dri,	
Operating Weight	8000	
Load on front drum	3870	
Load on rear wheels	4130	
Traction Performance		
Speed Range (km/h)	Gear I : 0~5.5 Gear II : 0~10	
Gradeability in Theory (%)	40	
Compaction Performance		
Static Linear Load (N/cm)	225	
Nominal Amplitude (mm)	High Amplitude	1.70
	Low Amplitude	0.80
Vibrating Frequency (Hz)	High Amplitude	30
	Low Amplitude	40
Centrifugal Force (kN)	High Amplitude	107
	Low Amplitude	94
Power System		
Model	4BT3.9-C110	
Type	Water cool, diesel engine	
Fuel Consumption (g/h.kW)	255	

Rated Power (kW)	82	
Rated Speed (r/min)	2400	
Tyre		
Tyre Model	16/70-24	
Tyre inflation Pressure (kg/cm ²)	2.5~3.5	
Electrical System		
Battery (V)	12	
Working Voltage (V)	12	
Generator (V)	12	
Highest Pressure Setting of Hydraulic System (MPa)		
Driving System	35	
Vibrating system	34	
Steering System	14	
Oil Feeding pressure	2	
Min. brake starting Pressure	1.4	
Max. brake starting Pressure	3	
Liquid Volume (L)		
Driving Axle	Lubricating oil for differential	6
	Lubricating oil for rim reducer	2×0.75
Lubricating Oil for Vibrating drum	Approx. 35	
Hydraulic Oil Tank	100	
Engine oil	Approx. 10	
Fuel Tank	210	
Lubricating oil for front wheel rim reducer	2.4	
Cooling Liquid for Engine	Approx. 26	
Environment Condition		
Environment Temperature (°C)	-10~+42	
Sea-elevation (m)	≤2438	
Braking Performance		
Braking Distance (m)	≤4	