6114 SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Shangchai
Model	SC5D130G2B1
Rated Power	95 kW (130 hp) @ 2,050 rpm
Peak Torque	490 N · m
Number of Cylinders	4
Aspiration	Turbocharged
Cooling Type	Water

24 V	
	24 V

DRIVE TRAIN		
Theoretical Gradeability	30 %	
Transmission Type	Mechanical	
1st Maximum Speed, Fwd	2.7 km/h	
2nd Maximum Speed, Fwd	5.2 km/h	
3rd Maximum Speed, Fwd	11 km/h	
Min. Outside Turning Radius	6,500 mm	

AXLES		
Steering System	Hydraulic	
Steering Method	Articulation	
Steering Angle	35°	
Steering Relief Pressure	16 MPa	

BRAKES	
Service Brake Type	Caliper dry disc
Service Brake Actuation	Air over hydraulic
Parking Brake Actuation	Mechanical apply; Hydraulic release

OPTIONAL EQUIPMENT	
Padfoot Drum Segment Kit (PDH)	
Rotary Beacon	
Backup Alarm	

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D	(D) Live	G F A	0	

TIRES		
Tire Size	20.5-25-16PR	
Tire Pressure	200-220 kPa	

HYDRAULIC SYSTEM		
Main Pump Type	Gear Pump	
Main Relief Pressure	18 MPa	

PERFORMANCE	
Static Linear Front Drum Load	322 N/cm
Number of Vibrating Drums	1
Nominal Amplitude Range	1.7 / 0.9 mm
Vibration Frequency Range	35 Hz
Centrifugal Force Range	300 / 185 kN
Number of Amplitude Settings	1

OPERATING MASS		- 1
Operating Mass with Ballast	15,640 kg	
Mass on Vibrating Drum	7,000 kg	
Mass on Drive Axle	7,000 kg	

SERVICE CAPACITIES		
Fuel Tank	285 L	
Engine Oil	14 L	
Cooling System	32 L	

DIMENSIONS		
A Overall Length	6,180 ±50 mm	
B Overall Width	2,280 mm	
C Drum Width	2,130 mm	
D Drum Diameter	1,500 mm	
E Drum Thickness	30 mm	
F Wheelbase	3,100 mm	
G Min. Ground Clearance	470 mm	
H Overall Height	3,050±50mm	
P Pad Height	80 mm	

