



XP163

PNEUMATIC ROLLER

XP163 pneumatic tire roller is self-propelled static roller, which is applicable to compacted asphalt pavement, foundation layer, secondary foundation layer and filling engineering and is the indispensable compaction equipment of road construction and water conservancy construction. In particular, compaction of asphalt surface course of highways can obtain compaction effect that other compaction machinery cannot reach.

Performance Characteristics

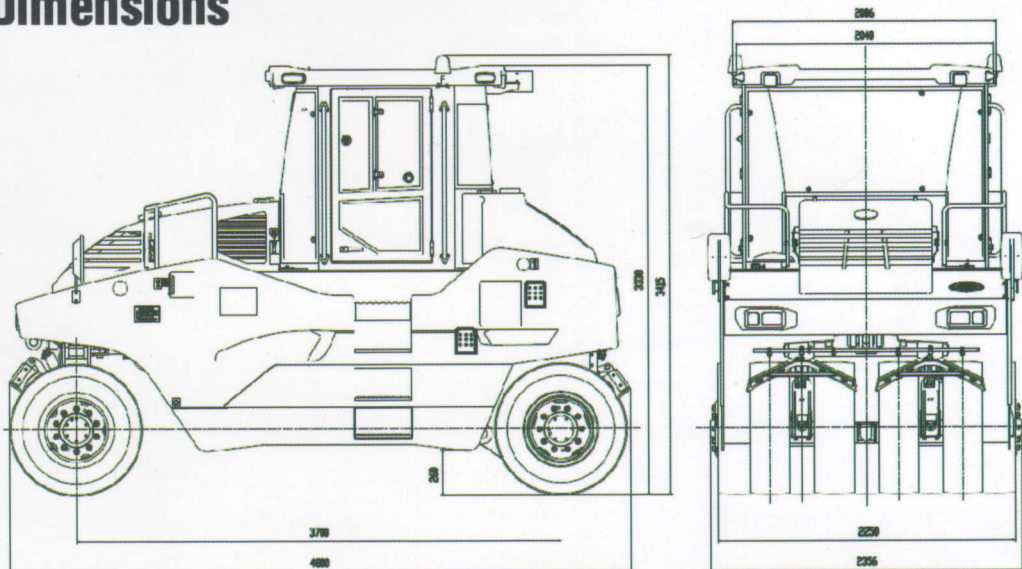
- Shanghai SC4H type diesel engine with power of 86KW, speed of 1800r/min, in compliance with China's non road Stage-II emission regulations, greatly improved the fuel economy.
- Pavement layer will be compacted by special pneumatic tire. It will not damage compaction materials. Flexible compacting function of tire can make compaction material obtain dense pavement surface course.
- Ground pressure of the tire can be regulated by decreasing or increasing balance weight and changing inflation pressure of tire to enhance compaction performance and enlarge the scope of application; compacted sandy soil, composite soil and clay soil can obtain good compaction effect to avoid false compaction phenomenon.
- Full hydraulic steering, air-assist hydraulic brake and multi-gear shifting transmission system are utilized, fast and flexible. It is more convenient for transfer between construction sites.
- Front wheel swing mechanism will be adopted. When the roller is working on unlevelled ground, the uniform wheel pressure grounding can be guaranteed and unlevelled part of compacted materials can be compacted uniformly.
- Clutch operation mechanism adopts oil-gas boosting system so that operation is simple and labor-saving; air-pushing oil pressure amplification system makes the brake system safe and reliable.
- The equipment has water spray system as standard that can spray water to the tire surface to effectively prevent asphalt adhesion. Optional intermittent spraying function is available.

Engine	: Shanghai
Operating Weight(Kg)	: 16000
Ground Pressure (Kpa)	: 150~300
Compaction Width (mm)	: 2250
Rated Power (hp)	: 115

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Main Dimensions



Dimension(mm)	A	B	H	K	L	W
XP163	3700	260	3330	2250	4800	2356

Main Specifications

Item	Unit	XP163	
Maximum operating mass	kg	16000	
Ground pressure	kPa	150 ~ 300	
Travel speed	Gear I	km/h	4
	Gear II	km/h	8.3
	Gear III	km/h	17.5
Theoretical gradeability	%	20	
Minimum turning radius	mm	7330	
Minimum ground clearance	mm	260	
Compaction width	mm	2250	
Overlapped volume of roller	mm	45	
Tires	Specification	11.00-20	
	Quantity	Front 4 rear 5	
Engine	Type	SC4H115.4G2B	
	Rated power	hp	115
	Fuel consumption	g/kw.h	≤205 (1 ± 5%)
Total length	mm	4800	
Total width	mm	2356	
Total height	mm	3330	
Diesel tank volume L	L	150	
Water tank volume L	L	650	



**UNITED HEAVY EQUIPMENT
AND EARTH MOVERS PVT. LTD.**

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