

XCMG For Your Success

XP263

Operating Weight (Kg)	15000~26300
Rolling Width (mm)	2360
Ground pressure (kPa)	200~470
Engine Model	SC8D156.2G2B1
Engine Rated Output (Kw/r/min)	115/1800

XP263

TYRED ROLLER

XP263

Tyred Roller

Performance Characteristics

Comfortable operation

The wide and brightly lighted cab (with an air-conditioning option) provides a good field of vision and operational comfort. The bilateral control prevents dead corners on press edges, bends and turning points.



Full view of cab



Air conditioning

Convenient operation

The vehicle features two steering wheels, seats and separate control systems. The gearbox with synchroniser provides three forward and two reverse gears that will fulfil all compaction requirements. Gear changes can be performed easily with the ergonomically designed handle that offers flexible control and reduces operational fatigue.



Unique structure

The transmission system uses an hydraulic power transmission with continuous variable transmission performance to transfer power. The torque converter can start and adjust speed without causing any impact, reducing the shear force on the compact surface and improving overall work quality.



Excellent performance

Pneumatic tyres are used to compact layers without damaging the materials. Counterweight can be added or removed by inflating the pneumatic tyres. The kneading forces created by the elastic tyres spread the material in all directions to form a uniform, dense and gap free surface that can ensure long pavement service life.

The front roller uses a swing mechanism to ensure even ground pressure even on uneven ground surfaces to achieve even compaction.

The optional oil sprinker can remove any asphalt that is stuck on the tyres, ensuring high work quality.



5-wheel tyre



Oil injecting device



Counterweight block of tyred roller



Compaction Schematic Diagram

Energy efficient and green

The vehicle uses a high performance, low noise supercharged diesel engine that is robust and offers great economic value. In addition, it also adheres to National Level II emission standards.



Engine

Safe and reliable

The braking system features both emergency and manual braking. The emergency brake uses an air-oil cylinder design to ensure safety and durability. Manual braking is done through a diaphragm spring which complements the foot brake to ensure safe and reliable operation.

An air cylinder with double the volume is used to provide a larger reserve coefficient, ensuring performance even on terrains that require frequent braking, such as mountains. For the first time in China, a dual circuit full roller braking system is used to provide great braking efficiency, fast response, short braking distance and enhanced reliability.



Leading function

The XP263 sprinkler system can satisfy different operational requirements. It extends the service life of the water pump, while preventing downtime due to water channel issues.

The optional oil sprinker provides further customisation and can remove any asphalt that is stuck on the tyres, ensuring high work quality.



Spray nozzle



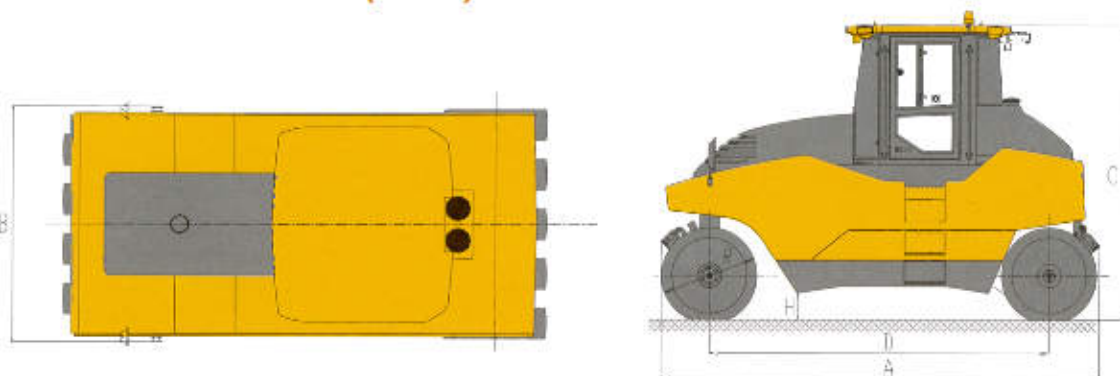
Water filter

Easy maintenance

The engine hood can be opened easily and a detachable cover plate is installed at the back of the machine. The space can be opened up by tilting the water tank to facilitate easy inspection, adjustment and maintenance of the battery, pump system and chain.



Overall Dimensions (mm)



Model	A	B	C	D	R	H
XP263	5100	2420	3380	3840	1048	290

Main Technical Parameters

XP263

Item		Unit
Weights	Min. operating weight	15000 kg
	Max. operating weight	26300 kg
	Counterweight water weight	650 kg
	Counterweight weight	10550 kg
Driving Characteristics	Theoretical gradeability	20 %
	Min. outer turning radius	7620 mm
	Min. ground clearance	300 mm
	Travel speed	Gear I(F/R) 0-8 km/h Gear II 0-20 km/h
Compaction Characteristics	Overlapping of front & rear tyre	65 mm
	Swing height of front wheel	±45 mm
	Compacting width	2360 mm
	Ground pressure	200-470 kPa
	Tire specification	13/80-20
	Tires pattern	Smooth
Dimensions	Numbers of tyres	4-front and 5-rear
	Wheelbase	3840 mm
Engine	Model	SC8D156.2G2B1
	Rated speed	1800 r/min
	Rated power	115 kW
	Engine oil consumption	205 g/kW-h
Service Refill Capacities	Water tank capacity	650 L
	Hydraulic oil tank capacity	100 L
	Fuel tank capacity	180 L