

ROAD ROLLER

Model Name: EC180

POWER. PRECISION. PERFORMANCE THAT LASTS

The **EC140 Road Roller** is equipped with a hydraulic front and rear drum drive, offering two gears and infinitely variable speed for smooth performance and strong gradeability on all terrains. Its hydraulic vibration system with dual frequency and dual amplitude ensures powerful compaction and high efficiency. The electronically controlled delayed vibration start provides smooth operation and protects machine components for longer service life.

Implementation Details:

With a hydraulic steering system and articulated frame, the **EC180** offers easy maneuverability and reliable performance in any condition.

It comes with a comfortable cabin, optional air-conditioning, and a rear engine cover that opens for quick maintenance. The P7 variant includes padfoot rollers, making it ideal for multiple compaction applications.



Key Advantages:



Powerful hydraulic drive for superior traction and control.



Dual vibration system for maximum compaction efficiency.



Smooth electronic vibration start for operator comfort.



Easy and flexible steering with articulated design.



Comfortable cabin with optional AC for better working conditions.



Simple maintenance with a rear engine cover that lifts easily.

Key Specifications & Parameters :

The **EC180 Road Roller** is engineered with optimized parameters that ensure high compaction force, excellent maneuverability, reliable performance, and superior operator comfort across all working conditions.

Parameter	Value
Operating Weight	18000 KG
Rolling width	2130 mm
Vibration frequency	28/32 Hz
Theoretical amplitude of vibration	1.9/0.9 mm
Exciting force	360/240 KN
Travel speed	0~4.25,0~5.5,0~6.5,0~11.5 km/h
Engine model	EC180
Engine power/speed	140/2200 kW/r/min
Overall dimensions(L X W X H)	6240×2280×3080 mm

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Driven by engineering excellence, we empower industries to build smarter, safer, and more sustainable futures.

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