

ROAD ROLLER

Model Name: EC140

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 **EC140** delivers easy maneuverability and precise control on every job site.

Its reliable drive axle enhances traction and performance across various working conditions. Designed for operator comfort, the EC140 includes a standard cabin with optional air-conditioning, while the rear engine cover allows quick and easy maintenance. The P7 variant also features padfoot rollers, making it ideal for multiple compaction applications.



Key Advantages:



Strong hydraulic drive system for better traction and control.



Dual vibration settings for higher compaction efficiency.



Smooth and safe electronic vibration start.



Easy and flexible steering with articulated design.



Comfortable cabin with optional AC for operator convenience.



Quick maintenance with an easily liftable engine cover.



P7 model option with padfoot rollers for diverse applications.

Key Specifications & Parameters :

The **EC140 Road Roller** is designed with optimized technical parameters that ensure powerful compaction, reliable performance, easy operation, and maximum efficiency on all types of terrains.

Parameter	Value
Operating Weight	14000 KG
Rolling width	2130 mm
Vibration frequency	30 Hz
Theoretical amplitude of vibration	1.8/0.9 mm
Exciting force	295/145 KN
Travel speed	2.5/5.0/10.5 km/h
Engine model	WP6G160E
Engine power/speed	118 /2000 kW/r/min
Overall dimensions(L X W X H)	6140X2280X3080 mm

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

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✉ info@engirise.world | 🌐 engirise.world

