

ROAD ROLLER

Model Name: EC160

POWER. PRECISION. PERFORMANCE THAT LASTS

The **EC160 Road Roller** is built to deliver uncompromising compaction performance across a variety of job sites. Equipped with a **hydraulic front and rear drum drive**, it ensures powerful traction and smooth operation on all terrains. With **two working gears** and **infinitely variable speed control**, the EC160 adapts effortlessly to changing ground conditions — providing consistent results every time.

Features Provided:



Superior Compaction Technology:

At the heart of the EC160 is a **hydraulic vibration system** featuring **dual frequency and dual amplitude functions**. This advanced setup allows operators to select the ideal compaction intensity for different materials and soil types. The **electronically controlled delayed vibration start** ensures smooth engagement, preventing surface damage while delivering a **high exciting force and exceptional compaction efficiency**.



Smooth Steering. Confident Control :

The **hydraulic steering system**, combined with an **articulated frame design**, gives the EC160 excellent maneuverability and control. Whether working on tight urban roads or large infrastructure projects, operators experience precise, responsive handling with minimal effort ensuring accuracy and productivity in every pass.



Engineered for Reliability :

A **specialized heavy-duty drive axle** provides excellent traction and drive performance, making the EC160 dependable in tough conditions and demanding applications. From granular soil to asphalt surfaces, it maintains stability and balance throughout the compaction process.



Operator Comfort Meets Smart Design :

The EC160 is equipped with a **spacious, ergonomically designed cabin**, offering clear visibility and reduced operator fatigue. For added comfort, **air conditioning is available as an option**, making long working hours more manageable in any climate. Maintenance is made simple with a **rear engine cover that swings open**, providing full access for inspection and servicing.



Versatility That Works for You :

For applications requiring deeper penetration and more aggressive compaction, the **EC160P variant** comes with a **padfoot drum**, making it ideal for cohesive soils and sub-base preparation.



Key Specifications & Parameters :

- 01 **Operating Weight :** 16000 kg
- 02 **Overall Dimensions (L×W×H) :** 6140 X 2280 X 3080
- 03 **Vibration Frequency (High/Low) :** 130 HZ
- 04 **Amplitude (High/Low) :** 1.8 / 0.9 mm
- 05 **Exciting force :** 325/165KN
- 06 **Travel Speed :** 2.5/5.0/10.5 km/h
- 07 **Rolling width :** 2130
- 08 **Engine power/speed :** 118/2000 kW/r/min

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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

