

# TURNING A CHALLENGE INTO AN OPPORTUNITY: THE JCB EU STAGE V ENGINE RANGE.

EU Stage V is the next step in European non-road emissions legislation. And, true to form, the new JCB engine range is an innovative solution to the challenge.

We've built on our award-winning EcoMAX low-particulate combustion technology, focusing on minimising in-cylinder emissions. The range incorporates a compact, highly efficient SCR system combined with Particulate Control Technology. This offers you a compact unit (negating the need for bulky alterations to machine bodywork and chassis) with none of the downsides traditionally associated with diesel particulate filters (DPFs).

We plan our ranges meticulously from the outset and we understand the unique requirements of both OEMs and end users. This means we've been able to maintain the engine footprint and key proven design architecture of our range, all the way from 3.0L to 7.2L, and from EU Stage II (Tier 2) to EU Stage V.

So you can be assured of quality, reliability, low ownership costs and maximum up-time - all without compromise.

## Key facts:

- Award-winning: no after-treatment needed across EPA Tier 4 55kW (74hp) and the complete EU StageIIIB/EPA Tier 4i range.
- Keeping it simple: compact SCR on EU StageIV/EPA Tier 4 units over 56kW.
- Innovative: compact SCR and Particulate Control Technology features on Stage V units are invisible to the end user.
- The long run: 'fit-for-life' after-treatment minimises cost and servicing.
- Efficient operation: ultra low fuel consumption and advanced in-cylinder emission control systems.
- Customers first: we put OEMs and end users at the centre of our product development to deliver real world benefits.
- Versatile design: identical engine footprint and many common components across different emission levels.
- Tried and tested: core engine architecture based on world-beating DIESELMAX design.
- Fully supported: over 2,000 dealer outlets and 16 parts warehouses worldwide put the customer at the heart of JCB support, wherever they are.

 **ecoMAX**

 **JCB DIESELMAX**

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EFFICIENT BY DESIGN



 **ecoMAX** 

**STAGE V**

**JCB exhaust emission control solutions.**

 **JCB**  
**POWER SYSTEMS**

# JCB EMISSIONS CONTROL SOLUTIONS

Emissions legislation is often challenging to meet, but it drives us to explore new and innovative technology. JCB solutions can excel at meeting the demands of the off-highway industry whilst making life easier for the customer.

