

EU Stage V: Hatz engines from all series certified

Hatz offers machine manufacturers and partners a complete range of air- and liquid-cooled engines with EU Stage V certification.

Monday, 8 April 2019 — Hatz offers its EU Stage V-compliant engines for mobile machines with official certification from the German Federal Motor Transport Authority (KBA). The certification applies to air-cooled engines of the B-, D-, G-, L- and M-series with a power output of less than 19 kilowatts. Since 2013, these engines have fulfilled the EPA Tier 4 final emission stage and have now also been certified in accordance with EU Stage V regulations – without any technical modifications or additional exhaust gas aftertreatment.

In addition, the corresponding KBA certifications also exist for the liquid-cooled Hatz H-Series motors 3H50TICD and 4H50TICD in the power classes from 19 to 55 kilowatts.

For the environment: State-of-the-art technology in the Hatz H-series

The Hatz H-series engines are a consistent new development based on the downsizing principle. Selected materials, combined with components such as turbochargers or the Bosch common rail system (off-highway version), come together to form one of the industry's most modern powerhouses with low displacement. To meet the requirements of EU Stage V, the three- and four-cylinder engines are also equipped with a separable – and therefore very maintenance-friendly – combination of diesel oxidation catalytic converter and diesel particulate filter (DOC/DPF).

With optiHEAT (optimised Hatz Exhaust Aftertreatment Technology), the Hatz engineers ensured the best possible design of the DPF in terms of size, optimum adaptation to the possible load profiles in use and a regeneration strategy in line with requirements. In addition, combustion is perfected with iHACS (intelligent Hatz Advanced Combustion Strategy). iHACS ensures extremely low soot input from combustion as well as very low oil consumption and significantly reduced ash input into the filter. The result is a long filter service life with a comparatively small size. Hatz achieved another industry-wide innovation with diesel particulate filter regeneration. For the first time, an automatic cylinder deactivation during standstill regeneration was integrated in industrial diesel engines.

Thilo Christ *Senior PR consultant, reger's*

- thilo.christ@regers.eu
- [+49 8122 1775464](tel:+4981221775464)
- [+49 171 6220610](tel:+491716220610)
- www.regers.eu



Stephan Gritsch *Team Leader Marketing, Motorenfabrik Hatz GmbH & Co. KG*

- s.gritsch@hatz-diesel.de
- [+49 8531 319-607](tel:+498531319607)
- [+49 179 1009918](tel:+491791009918)
- hatz-diesel.com