



MAN D3876 engine named 'Diesel of the Year 2016'

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Unveiled for the first time at bauma 2016 – an innovative concept for off-road applications, tried and tested in trucks

MAN's D3876 engine for trucks, construction machinery and agricultural engineering applications was crowned 'Diesel of the Year 2016' at bauma 2016, with the panel of judges citing its innovative concept as the grounds for their decision. The prize has been awarded by the Italian trade magazine DIESEL for the past 11 years.

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The panel, comprised of journalists from several motoring publications, was impressed by both the fundamental concept and the high-strength materials of the D3876, which brings together a new six cylinder in-line engine and tried-and-tested MAN D20/D26 engines. "This makes the D3876 a newly developed engine which at the same time still possesses experience garnered over millions of kilometres," enthused judge and editor of DIESEL and DIESEL International Fabio Butturi. Taking this concept as their starting point, MAN engineers have achieved numerous technical innovations in the development of the D3876. Top-down cooling, domed valves, steel pistons, fire rings and common rail injection of up to 2500 bar all contribute to making the D3876 an incredibly reliable and cost-effective, yet refined engine.

At IAA 2014, MAN Truck & Bus presented the then newly developed 15.2 litre, six-cylinder in-line D3876 LF0x diesel engine: a powerful, highly efficient and extremely reliable truck diesel engine for demanding transport tasks. At that time, the D3876 LF0x was the new top model in the MAN Euro 6 range of engines, thanks to its powerful torques of 2500 to 3000 newton metres and power outputs of 382 and 412 kW (520 and 560 hp) for long distance and towing vehicles, and 471 kW (640 hp) for heavy goods vehicles.

This was followed by the unveiling of the further development of the D3876 as an engine for installation in agricultural engineering and construction machinery at Agritechnica 2015 and bauma 2016. The D3876 LE12x offers a power spectrum of 415, 450 and 485 kW (565, 612 and 660 hp) for forage harvesters, crawler excavators and a huge range of other applications. Cutting edge exhaust gas recirculation and SCR technology

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ensures that the engine easily meets the Tier 4 final and CARB US emission standards, as well as EU Stage V.