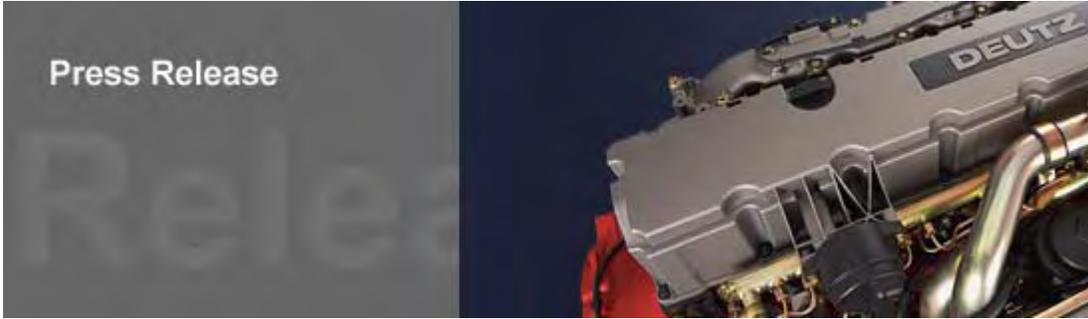


Press Release



23.03.2011

DEUTZ at CONEXPO

- DEUTZ presents solutions to meet the EU Stage III B / Tier 4 interim emissions standard
- Engines with a broad range of capacities from 28 to 520kW
- Introducing the new TCD 2.9 L4 and TCD 3.6 L4 industrial engines

DEUTZ is presenting its range of engines to meet future emissions standards at CONEXPO; the world's largest trade fair for the construction and construction materials industries, held in Las Vegas, Nevada. Between 22 and 26 March 2011, in the 195,000 square metre Las Vegas Convention Center, DEUTZ AG will be displaying its engine portfolio for meeting the current EU Non-Road 2004/26 Directive, EU Stage III B and US EPA Tier 4 Interim emissions standard in the 28-520 kW/31-697 hp power range.

Naturally-aspirated or turbocharged, with or without charge air cooling, equipped with cooled external exhaust gas recirculation and a 1,800 bar common-rail high pressure injection system, the ultra compact, recently developed TCD 2.9 L4 covers the 25 to 55.4kW power range. This compact 4-cylinder in-line engine, specially developed for very tight and narrow installations, offers high specific power and torque combined with very smooth running characteristics. Its modular exhaust gas after treatment system is designed to meet the requirements of industrial machines as regards compact construction and cost efficiency. The maintenance-free and inexpensive diesel oxidizing catalytic converter and the particulate oxidizing catalytic converter cover most applications; a sealed DPF option is also available.

DEUTZ covers the 50 to 90kW power range with the TCD 3.6 L4 which achieves maximum torque of up to 480 Nm at engine speeds of 1,400 – 1,600 rpm, thus generating a level of power comparable with that of a 4.5 litre, turbocharged Tier 3 engine. This water-cooled, turbocharged 4-cylinder engine, with or without charge air cooling and cooled external exhaust gas recirculation, is fitted with a 1,600 bar common-rail system. A particulate oxidizing catalytic converter, or a DOC for the charge air cooled variant, is available for exhaust after treatment. There is also a DPF option and a maintenance-free DVERT® exhaust gas after treatment system.

For the 70 to 115kW power range, DEUTZ offers its customers the water-cooled TCD 4.1 L4 engine which generates maximum torque of 610 Nm at engine speeds of 1,400 to 1,600 rpm. The turbocharged and charge air cooled 4-cylinder in-line engine is fitted with a 1,600 bar DEUTZ common rail system (DCR®) and cooled external exhaust gas recirculation. The modular exhaust gas after treatment system includes a sealed diesel particulate filter solution in which regeneration is assisted by controlled air throttling.

For the 120 to 180kW power range, DEUTZ offers the water-cooled TCD 6.1 L6 engine which achieves maximum torque of 1,000 Nm at engine speeds of 1,400 to 1,600 rpm. This sturdy 6-cylinder in-line engine, with its turbocharger and charge air cooler, its cooled external exhaust gas recirculation and electronically controlled DEUTZ common-rail (DCR®) high pressure injection system operating at 1,600 bar up to 160kW and at 2,000 bar at the top performance level, boasts outstanding economic efficiency, long engine life and extended servicing intervals. The TCD 6.1 L6 easily meets the requirements of the new emissions standards due to its sealed diesel particulate filter with air-throttled regeneration for engines up to 130kW and to its diesel burner regeneration for engines over 130kW.

The 160 to 250kW power output of the water-cooled 6-cylinder TCD 7.8 L6 engine makes it the most powerful engine in the medium power category. It generates maximum torque of 1,400 Nm at engine speeds of 1,400 to 1,600 rpm. Equipped with a turbocharger plus charge air cooling, cooled external exhaust gas recirculation and the 2,000 bar DEUTZ common-rail (DCR®) high pressure injection system, the engine is designed for high-stress applications. Impressive features of this high-performance engine are excellent power density and outstanding reliability with long servicing intervals. The TCD 7.8 uses an exhaust gas after treatment system which is designed to satisfy the requirements of industrial machines which operate under high loads. A sealed diesel particulate filter solution including active diesel burner regeneration ensures maximum machine availability under all conditions.

The 240 to 390kW power range is covered by the TCD 12.0 V6. This compact V-configuration water-cooled engine is fitted with a common-rail high pressure injection system operating at an injection pressure of 2,000 bar. The electronically controlled waste gate turbocharger ensures optimum equipment performance. Designed for high loads, the TCD 12.0 features outstanding ruggedness and long servicing intervals. The well-proven high-performance SCR technology employed in the TCD 12.0 makes it ideally suited to satisfy the requirements of large industrial machines operating at high loads and where fuel consumption is a top priority.

Visitors to CONEXPO can also find out about DVERT®, the modular exhaust gas after treatment system developed by DEUTZ. The modular DVERT® platform prepares all new DEUTZ engines which meet the current EU 97/68 Stage III B / US EPA Tier 4 interim to satisfy the EU Stage IV and the US EPA Tier 4 emissions standards. The DVERT® system's engineering modules, which are compatible with each individual engine configuration, produce integrated system solutions which combine engine and exhaust gas technologies. The various DVERT® elements, the external exhaust gas after treatment technologies such as oxidizing catalytic converters, open and sealed design particulate filters, regeneration burners and NOx reduction agent injection systems, e.g. selective catalytic reduction (SCR), employed in different combinations, can produce the desired result as regards engine performance, compliance with emissions limits and cost and installation optimization. DVERT® represents the modular engineering system for the new generation of engines.

"We are strongly positioned with our tier 4 interim and final product range. With a well established US and international customer base, supplying the contractor and rental segments. We are well positioned beneath the demands of the expanding US market place", according to Bob Mann, head of Sales and Service at DEUTZ. DEUTZ AG is represented in the USA by its subsidiary, the Deutz Corporation of Atlanta.

For further information on this DEUTZ press release, please contact:

Frank Wesolowski
Tel.: +49 (0)221 822-5553
Fax: +49 (0)221 822-15-5553
E-Mail: wesolowski.f@deutz.com