

PRESS RELEASE

Shanghai, 27 November 2018

2018 Bauma China: DEUTZ presents superior 'China 4 ready' engine technology

- **DEUTZ diesel and gas engines ready for the new China 4 emissions standard**
- **New emissions requirements in China provide growth potential for DEUTZ**
- **Powerful E-DEUTZ drives in live testing**

From 27 to 30 November, DEUTZ will present its innovative diesel and gas engines – meeting the China 4 emissions standard set to come into force in 2020 – and its latest developments in electric drives at the 2018 Bauma China in Shanghai. In an outdoor area, DEUTZ will also offer its customers the opportunity to test two operational telescopic handlers, one with a hybrid and the other with a fully electric prototype drive.

Effective exhaust aftertreatment for its engines is one of DEUTZ's core competencies. The Company is the first manufacturer in the world to be certified for the EU Stage V emissions standard which will come into force in Europe in 2019. DEUTZ already successfully uses the necessary technology, including SCR catalytic converters and diesel particulate filters, in its series models and is therefore ready for the pending and comparable China 4 emissions standard. Marketed as 'China 4 ready', DEUTZ delivers safe and proven solutions for the effective reduction of nitrogen oxide and particulate emissions.

For the first time in Asia the Company will also present its E-DEUTZ solutions for hybrid and fully electric off-highway drives at Bauma China. E-DEUTZ is a modular system that allows customers to put together the optimal combination of conventional and electric drive

components to suit their applications. To showcase the system, DEUTZ has equipped two functional prototype telescopic handlers, which are usually powered by a DEUTZ TCD 3.6 diesel engine, with a hybrid drive and a fully electric drive.

Customers can test these prototype machines in Shanghai and experience for themselves the impressive power that is typical of electric drives. The E-DEUTZ hybrid on show achieves fuel savings of around 15 per cent, which means that the cost of investment is typically recouped after just one year.

Dr Frank Hiller, Chairman of the DEUTZ Board of Management: "Our sophisticated diesel and gas engines are mature technologies that enable us to serve the Chinese market in the best possible way. With these and our E-DEUTZ solutions, we already meet China's new emissions standards. As a result, we have excellent opportunities for growth over the coming years."

DEUTZ will be present at the 2018 Bauma China in hall N5 (stand 130) and the F50 outdoor area

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Caption: 'China 4 ready' DEUTZ engines feature sophisticated exhaust aftertreatment that effectively reduces nitrogen oxide and particulate emissions



Caption: DEUTZ presents two telescopic handler prototypes, one with a hybrid drive and the other fully electric, at Bauma China in 2018