

## **New diesel engine D9812 by Liebherr at MINExpo 2016**

- Liebherr presents the new D98 diesel engine series
- Launch of the first cylinder configuration, the D9812, with a power output of up to 2,700 hp (2,013 kW) in mining applications

**Las Vegas (NV / USA), September 2016 – Liebherr presents its highly productive and efficient diesel engine series D98 for toughest working conditions in the mining industry. The first cylinder configuration – the D9812 – has already been launched and will be presented to the American market at MINExpo 2016 in Las Vegas.**

Decades of experience and expertise in the mining industry and engine manufacturing enabled Liebherr to develop the D98, a brand new diesel engine series. With the D98, Liebherr offers its customers an engine that is able to face even the most demanding needs of the mining industry. The new product range will include three different cylinder variants – a V12, a V16 and a V20. At this year's MINExpo in Las Vegas, the first cylinder configuration, a V12 engine with the power output rating up to 2,700 hp (2,013 kW), will be introduced.

Liebherr designs and develops the new D9812 diesel engines in Colmar (France). The engine is characterised by its outstanding performance and ensures high productivity at lower costs. Its architecture and high system integration with all key components developed by Liebherr allow the D9812 to achieve a very high efficiency. The intelligent engine control unit (ECU) as well as the common rail 11.5 fuel injection system match each other perfectly. Therefore, the new engine also provides an outstandingly low fuel consumption.

Moreover, this efficient engine is easy to maintain, which maximizes its availability while keeping operating costs low. To do so, the engineers at Liebherr have developed an engine design with superior ergonomics and components within easy reach. Accordingly, parts can be easily exchanged.

In addition, the D9812 benefits from an intelligent modular system. Depending on customers' and application requirements, the engine consists of specially-adapted components to ensure the machine's optimum performance at the right time. This guarantees flexible fulfilment of mining requirements and customers' expectations.

Following this path, an additional SCR System has been developed, making the D9812 compliant with the latest and most stringent emissions regulations.

With its high efficiency, the new Liebherr engine is ideally suited for all mining machines where high productivity without compromise is demanded – be it mining trucks, wheel loaders, excavators or other crawler type vehicles.

### **Captions**

liebherr-new-D9812-diesel-engine.jpg

The first available cylinder configuration of the D98 series: the D9812 diesel engine

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