

# Engines for agricultural machinery



The engine company.



# Facts

It all started with **1** great idea. Nicolaus August Otto invented the **4**-stroke engine principle, thus laying the foundations for the global motorised society. Today,

we look after our customers with over **800** sales and service partners in

**130** countries worldwide supported by **4,300** highly-trained and

motivated DEUTZ employees. The increase in productivity required in the agricultural

sector is enormous. At the start of the last century one farmer would feed **4** people

with his work. Today, that number has risen to over **150** people due to the

higher level of mechanisation. In Germany alone, **47** percent of the country's

total area is used for agricultural purposes. DEUTZ powered machinery with a market

share of **35** percent, cultivates an area of **6,000,000**

hectares **growing each and every day.**

# Engines

EU Stage II / US EPA Tier 2 | EU Stage III A / US EPA Tier 3

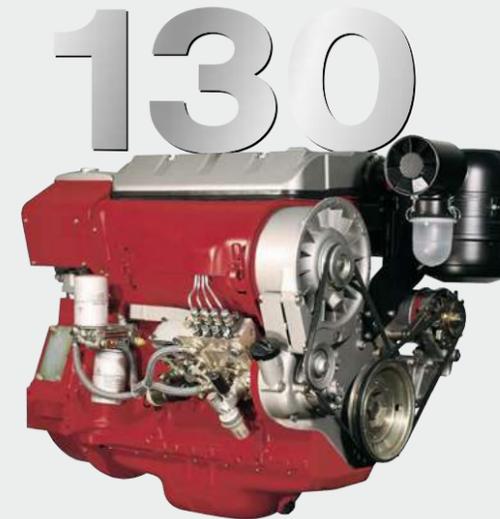
The above data is given for the purpose of information only and does not represent binding values.

DEUTZ engines have had a legendary reputation all around the world for more than 150 years. Above all, it's their reliability and long service life that have been the foundations of this popularity. This is as true today as it has always been. From a 4-cylinder aspirated engine right up to an 8-cylinder turbocharged engine – DEUTZ guarantees robust drives.

We offer our diesel engines in all the emission stages required to meet the needs of our customers around the world.



**D/TD/TCD 2011** 23–75 kW | 31–102 hp



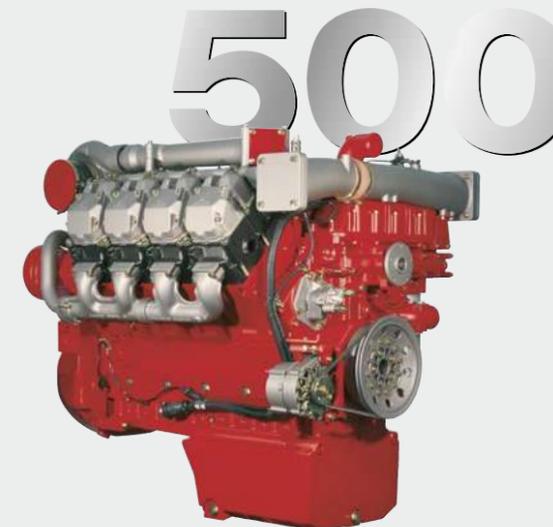
**FL 912/913** 32–128 kW | 43–173 hp  
**D/TCD 914** 43–130 kW | 58–175 hp



**TCD 2012** 67–176 kW | 91–282 hp



**BFM 1013** 90–186 kW | 121–249 hp  
**TCD 2013** 83–261 kW | 111–350 hp



**BFM 1015** 187–440 kW | 251–590 hp  
**TCD 2015** 240–500 kW | 322–670 hp

# Engines

STAGE  
ready **V**

EU Stage III B | EU Stage IV / US EPA Tier 4

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As an engine system supplier, we take pride in being specialists at solving complex drive requirements. Our job is to meet and exceed current and future exhaust regulations safely and effectively. With DVERT®, the variable emission reduction technology, we have developed a high standard of customized solutions for all engines to meet the latest emissions regulations in an efficient and economical way.

DEUTZ has a comprehensive product portfolio available for the emission stage EU Stage III B and IV/US EPA Tier 4. With the Diesel particulate filter, our engines already meet the requirements of the EU Stage V Emission Standard, which is scheduled to take effect in 2019.\*



TCD 2.9 L4 45-77 kW | 60-103 hp



TCD 3.6 L4 69,5-100 kW | 93-134 hp



TCD 4.1 L4 84-120 kW | 113-160 hp



TCD/TTCD 6.1 L6 120-211 kW | 160-283 hp



TCD/TTCD 7.8 L6 190-291 kW | 255-390 hp



TCD 12.0 V6\*\* 240-390 kW | 322-524 hp



TCD 16.0 V8\*\* 350-520 kW | 470-700 hp

\* Based on a suggestion by the EU Commission COM (2014) 581 final, dated 25/09/2014

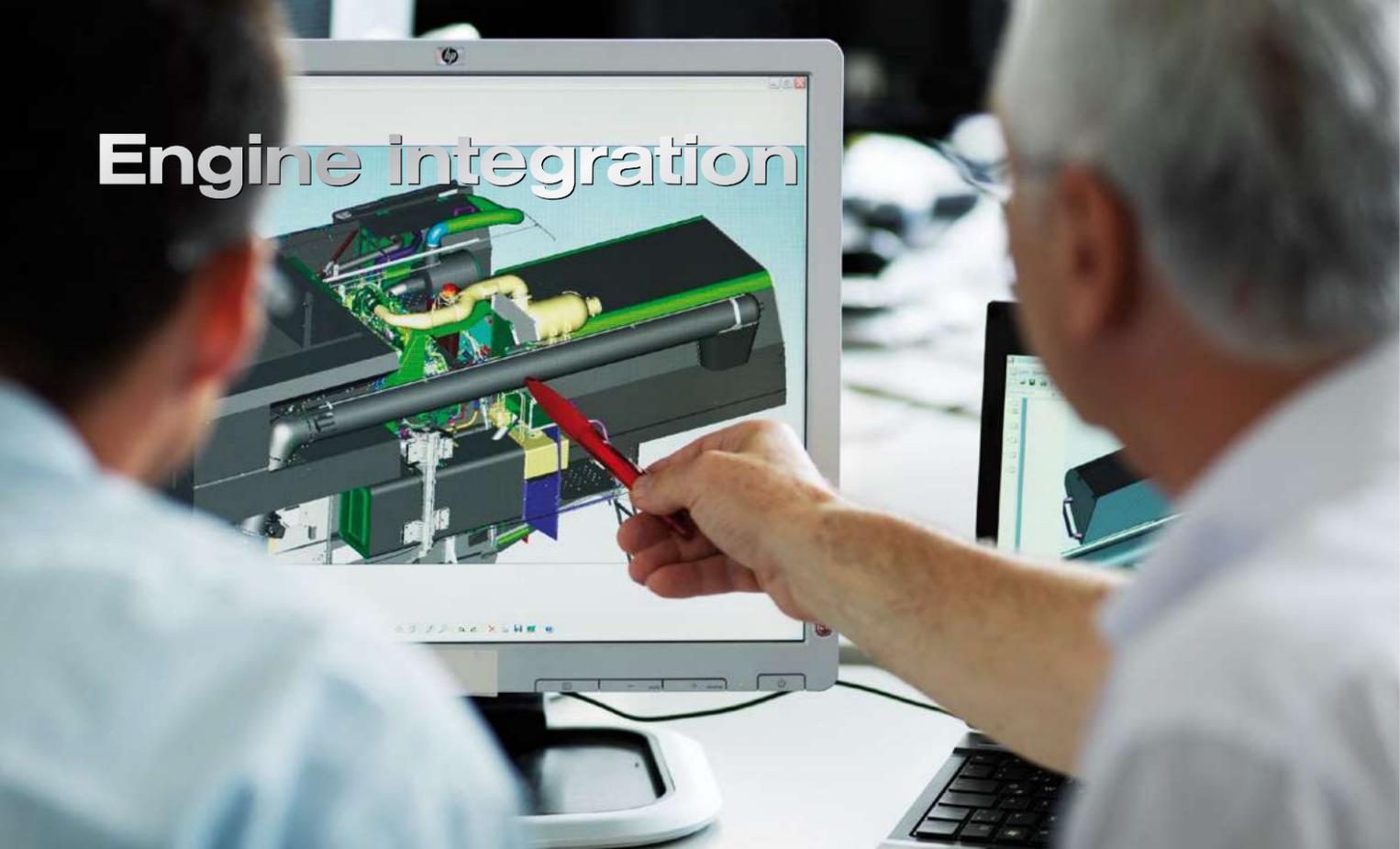
\*\* Stage V requires additional aftertreatment

Less **Energy,**

more **Efficiency.**



**Engine integration**



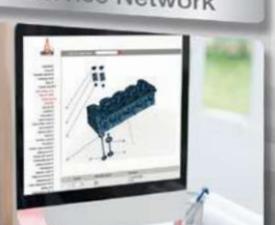
**Performance**



**90% of all DEUTZ customers remain loyal to their brand; here are some of the reasons why:**

**Reliability**



 Spare Parts	 Maintenance	 Xchange	
<b>DEUTZ SERVICE</b> Life Time Support			 Service Network
 Emission Management	 Engine Plus	 e-Services	

# Leading manufacturers

Each agricultural machine is only as good as its engine. That's why leading manufacturers choose DEUTZ. From installation and throughout the working life of the engine we are there for our customers.

With a complete portfolio of products and services we guarantee that "performed by DEUTZ" means one thing in particular – satisfaction.

- DEUTZ is one of the world's largest independent engine manufacturers offering a complete performance range from 25 to 520 kW.
- Sensitive customer data is secured with documented confidentiality.
- DEUTZ Service guarantees reliability and minimum operational down time.
- DEUTZ is expert in providing individually tailored programmes for self-servicing partners.

**performed by DEUTZ**





Not every engine can cope with so many applications - but every DEUTZ can.

Our customers demand a lot from our engines and the people who design and build them. More than 150 years of experience have taught us to listen and has given us the knowledge to have the right solutions ready to undertake the next challenge our customers may meet. Anytime and anywhere because we are: The engine company.



Union, Belgium, Flax harvesting equipment

VERMEER, USA, stump grinder



Delvano, Belgium, self-propelled sprayer

SAME DEUTZ-FAHR, Germany, combine harvester

Merlo, Italy, telescopic handler



URSUS, Poland, tractor



Energren, Italy, Road network



Matrot, France, self-propelled sprayer



MTZ, Belarus, tractor



BELL, South Africa, cane loader



PRONAR, Poland, tractor



HARDI-EVRARD, France, self-propelled sprayer

CLAAS, Germany, telescopic handler



STORTI, Italy, feeder



VREDO, Netherlands, self-propelled sprayer



FARESIN, Italy, telescopic handler



GREGROIRE, France, grape harvester

## international:

### **DEUTZ AG**

Ottostr. 1  
51149 Cologne, Germany  
Phone: +49 (0) 221 822-0  
Telefax: +49 (0) 221 822-3525  
E-mail: [info@deutz.com](mailto:info@deutz.com)  
[www.deutz.com](http://www.deutz.com)

### **DEUTZ Corporation**

3883 Steve Reynolds Blvd.  
Norcross, GA 30093, USA  
Phone: +1 770 564 7100  
Telefax: +1 770 564 7222  
E-mail: [engines@deutzusa.com](mailto:engines@deutzusa.com)  
[www.deutzamericas.com](http://www.deutzamericas.com)

### **DEUTZ (Beijing) Engine Co., Ltd.**

1102 CITIC Building  
19, Jian Wai Dajie  
Beijing 100004, China  
Phone: +86 10 65 25 41 86  
Telefax: +86 10 65 12 00 42  
E-Mail: [dbj@deutz.com.cn](mailto:dbj@deutz.com.cn)  
[www.deutz.com](http://www.deutz.com)

### **DEUTZ Asia-Pacific (Pte) Ltd.**

10 Gul Crescent  
Singapore 629523  
Phone: +65 66 72 7800  
Telefax: +65 62 64 1779 / 62 65 3007  
E-mail: [dap@deutz.com](mailto:dap@deutz.com)  
[www.deutz.com.sg](http://www.deutz.com.sg)

### **DEUTZ Australia Pty. Ltd**

Unit 4, 13-15 Brough Street  
Springvale, Victoria 3171, Australia  
Phone: +61 3 9549 8400  
Telefax: +61 3 9549 8490  
E-Mail: [deutzoz@deutz.com](mailto:deutzoz@deutz.com)  
[www.deutz.com.au](http://www.deutz.com.au)

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