



Hannover Messe
April 25-29, 2016

Visit us:
Hall 27, Booth J50/9

We look forward to meeting you!

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A family enterprise in its 3rd generation

MOTORTECH opens new competence center:

Expansion of the technology hub in Celle

MOTORTECH stands for more than 25 years of innovative development that goes hand in hand with continuous growth. In 2015, MOTORTECH expanded its technology hub in Celle with another new building to provide its Research & Development department with additional space. The company is defining its global strategy by continuously expanding its development activities.

“In the new building, the Electronics and Software Development departments, along with Mechatronics and Mechanical Design, received additional space and better equipment to be able to offer our customers more efficient, more cost-effective and environmentally compatible solutions for their gas engines. The Research & Development department ensures our excellent reputation among international competitors by providing compelling product innovations,” says Rainer Völz, head of the



Research & Development department. In addition to office space for more than 30 department employees, the new building also houses a combined electronics and mechatronics laboratory. Furthermore, a separate ignition laboratory was also set up. “This means we now have an excellent set-up for development projects with engine manufacturers from all over the world,” explains Rainer Völz.



ITB – Integrated Throttle Body

New series available beginning Q3/2016

In future, MOTORTECH will use a new housing concept in the production of its throttle bodies. It is characterized by significantly reduced weight as well as an integrated flange for attaching the stepper motors. The most important dimensions for assembling the throttle bodies will remain unchanged to guarantee

integration into existing designs. MOTORTECH throttle bodies with integrated stepper motors are available in the sizes 50, 100, 140, 150 and 200 and, depending on the size, with throttle diameters of 42 mm to 125 mm. In addition to the standard variants, all throttle bodies are also available in a high temperature

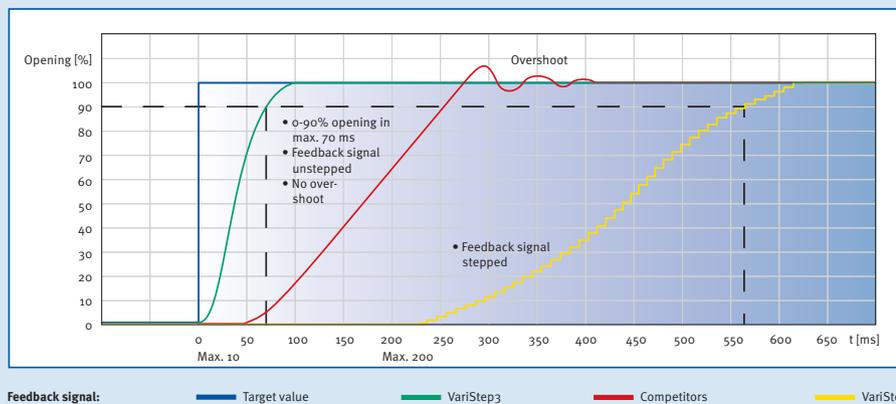
resistant design for use in turbocharged engines. The series is being expanded at this time with special variants for certain MAN® and WAUKESHA® engines.

MOTORTECH is presenting its newest development in the form of the VariStep3 stepper motor driver (P/N 31.01.960).

VariStep3 Stepper Motor Driver

The module, produced in-house, provides optimal control of various MOTORTECH Vari-Fuel2 air/gas mixers and throttle bodies with integrated stepper motor. In the future, it will replace the VariStep stepper motor card (P/N 31.01.955).

The sales flyer containing detailed information is available for download at www.motortech.de/sales.html.



VariStep3
MOTORTECH STEPPER MOTOR DRIVER

Portrait – 1 year at MOTORTECH

A year full of challenges, experiences, opportunities and great collaboration!



Melanie Wille
Finance manager at MOTORTECH
since March 4, 2015

“For me personally, my first year at MOTORTECH was a big success because I was actively involved in the company’s decisions, thereby allowing me to make my own contribution to successfully realizing the company’s goals. I have to admit, the rapid introduction into the company’s product line was a challenge. For the future, I hope that MOTORTECH will continue to expand its market leadership and that we will be able to further strengthen the foreign subsidiaries and the headquarter at Celle.”



Gunnar Woecht
Quality manager at MOTORTECH
since January 1, 2015

“Looking back, my first year at MOTORTECH was very exciting, with many challenges and just as many opportunities. The first challenge was to become familiar with and understand all of the company’s existing processes. I also had the chance to develop myself further in the field of QM, and successfully obtained the qualifications to become a Quality Manager. For the future, I hope that the great cooperation and the confidence placed in me will continue at the same high level.”

NEWS

Expo overview 2016

We look forward to seeing you at the following fairs in 2016:

Hannover Messe

April 25-29, 2016
Hannover Expo Grounds

GPower China

May 24-27, 2016
Shanghai (China)

CIMAC Helsinki

June 06–10, 2016
Helsinki (Finland)

Energy Decentral

November 15-18, 2016
Hannover Expo Grounds

HANNOVER MESSE

The theme of the Hannover Expo 2016 is the networked industry. Over a period of 5 days, 5000 exhibitors will be presenting technologies for factories and the energy systems of the present and the future.

The United States, the Expo's partner country, will be presenting high-tech that is "Made in America." Furthermore, US President Barack Obama will be using the most important industrial expo worldwide to promote the transatlantic trade agreement (TTIP). Come visit us!

We look forward to meeting you!

(www.hannovermesse.de)

Hall 27, Booth J50/9

MOTORTECH on the path toward success in China

MOTORTECH is opening another subsidiary in Shanghai, the second-largest city in China.

For this, a business license was required, which was issued quickly with no problems via the delegation office of the German Chamber of Commerce (AHK) in Shanghai. In addition, MOTORTECH also received its own stamp bearing its complete, registered company name. In China, a company's business stamp is accorded more importance than a signature. The company seal is the most powerful and most important seal a company possesses. Obtaining it is like having a blank check.

Karen Chao provided invaluable support in the setup phase of the new subsidiary. She did outstanding work in cooperation with the AHK and Chinese authorities. Starting in May 2015, MOTORTECH now offers local service in the country, which



above all makes it possible to bring the products closer to domestic customers. Well-established in the center of Shanghai, it provides technical services, but also operates a spare parts market. The Chinese market offers many opportunities for MOTORTECH, as the government has introduced new regulations for exhaust emissions to reduce air pollution. According to the new regulations, all diesel engines will need to fulfill the new emission standards starting on October 2015.

MIC4-ZS Ignition Controller

For MWM®/DEUTZ® gas engines with TEM-ZS1 and TEM-ZS3 ignition systems

MOTORTECH is producing a new device version based on the MIC4 series to replace the TEM-ZS1 and TEM-ZS3 ignition systems on MWM®/ DEUTZ® gas engines. Designed as an exchange unit, the MIC4-ZS makes retrofits easy and inexpensive.

Overview of some of the technical advantages:

- Plug-&-play solution for easy retrofits
- No wiring or mechanical modifications necessary
- Communication with the TEM controller makes full system integration possible
- All important components are retained, as is the ease of use and all TEM system functions (incl. diagnosis)



MIC4-ZS
MOTORTECH IGNITION CONTROLLER

The sales flyer containing detailed information is available for download at www.motortech.de/sales.html.

INSIDE



MOTORTECH is growing
Louis Robert Virchow

Employee anniversaries 2016

This year, too, MOTORTECH celebrates anniversaries with a total of eleven employees. We extend our warm congratulations and look forward to continuing to work with all of you.

10 years

April 1: Jens Rabe
April 1: Rainer Völz
April 22: Ulrike Hinz
June 15: Michaela Laube
June 26: Stephan Schnelle
July 3: Jens Wickboldt
July 17: Marcin Magdon
Nov. 15: Stefan Dönne

15 years

Aug. 1: Eike Mach
Oct. 1: Ralf Ohlendorf

20 years

Feb. 1: Michael Stern

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MOTORTECH Sales Partner Conference 2016

Productive days and exciting discussions

Qualified customers and engine operators are the cornerstone for the smooth and efficient operation of drive units and the associated MOTORTECH components. To a great extent, they determine the availability, reliability and lifetime of engine systems.

For this reason, the exchange of know-how and personal communication were of the highest priority between February 21-25, 2016 when a large number of international sales partners visited the MOTORTECH main office in Celle. In addition, representatives of the MOTORTECH global sites were also in attendance.

One of the highlights was the presentation of new and proven MOTORTECH products and technologies, such as the new ignition controller MIC4-ZS, along with other interesting presentations on the MOTORTECH product range.



Productive discussions about new sales strategies in the newly outfitted MOTORTECH Training Center with practical demonstration equipment were capped off with evening events in the beautiful historical town center of Celle.

New MOTORTECH PRODUCT GUIDE



The most recent developments from MOTORTECH are also presented, of course. The high-performance ignition controller MIC4-ZS for use on MWM® / DEUTZ® engines with TEM-ZS1 and TEM-ZS3 ignition systems as well as the VariStep3 stepper motor driver and the TempScan20 temperature scanner with 20 channels, are additional highlights.

If there are updates, the affected chapters will be reissued and can easily be swapped out. That means you will always be up to date with the newest products!

The new MOTORTECH Product Guide consists of a presentation folder containing twelve chapters with color pages. In these chapters, MOTORTECH presents its broad range of more than 1000 products. These include ignition controllers, ignition coils, spark plugs and cables as well as accessories for ignition systems for use with industrial gas engines.

