



## When cooperation becomes partnership: ITH Bolting Technology joins CAS Cordless Alliance System

Multi-vendor battery system CAS

**ITH Bolting Technology develops bolting tool solutions for industrial bolt connections bigger than M16 (5/8"). Now the system supplier in bolting technology becomes part of CAS - and adds a high-performance cordless battery nut runner with power classes up to 6,000 Nm to the multi-manufacturer cordless system.**

**Nürtingen/Meschede, Germany, May 2021:** ITH develops precise bolting tools and system solutions for tightening and loosening bolt connections with thread diameters bigger than 16 millimeters (5/8"). The company from the Sauerland region in western Germany is a leading global system supplier in bolting technology - and now also part of the Cordless Alliance System (CAS). ITH is expanding the product portfolio of the cross-manufacturer cordless system initiated by Metabo to include the ADS battery torque wrench. "With ITH, we now have a strong partner on board who is a specialist for large bolt connections," says Metabo CEO Horst W. Garbrecht. "This shows that CAS is also the best choice in this industrial sector - when it comes to very high torques and bigger bolt connections." Cordless torque wrenches up to 6,000 Nm are used for example on steel construction, commercial vehicles, construction machinery, cranes, wind turbines, or in the rail industry: wherever large bolted connections are involved, precise bolting tools are needed. "It was not only the quality of the rechargeable battery technology that convinced us but also the previous, long-standing cooperation with Metabo in the development. We are an engineering company with a focus on innovation and customer focus – that is why cooperation in terms of engineering and development are important to us," says ITH president Frank Hohmann, who runs the global-acting family business in the second generation together with his brother Jörg Hohmann. Jörg Hohmann adds: "The cooperation has always been very productive. So, it was only a matter of time for us to join CAS as well. At ITH, the benefits for our customers have always been at the center of our strategy, which is reflected in the so-called "ITH customer focus strategy". When looking at CAS,





professional users recognize the advantages of a cross-brand battery system. They are adding many highly specialized manufacturers to their own toolset - all based on powerful battery technology."

**Battery torque wrench with optional rotation angle function and digital documentation of the bolting parameters**

The first CAS compatible machine from ITH Bolting Technology is the battery torque wrench type ADS. The small and lightweight battery nut runner with power classes up to 6,000 Nm has the best power-to-weight ratio in the market and turns off automatically as soon as the target parameters such as torque or rotation angle (ITH option "ALPHA") are reached. The ADS features a newly developed high-performance gearbox and a brushless motor, which is highly wear-reduced. "The ADS is the world's only cordless torque wrench in the segment for high torque values that can be optionally equipped with an external, digital control unit, the 'ADS Smart Control'," Frank Hohmann points out. "With one control unit, the bolting parameters such as torque or angle of rotation of several cordless torque wrenches can be set and documented centrally - ideal for series assemblies," explains Frank Hohmann. "Likewise, with the 'Docu' option, we offer a version for digital documentation, which, in addition to the cordless technology, is a decisive trend in the market." The ADS is available in three versions - Basic, Standard, and Digital. System components such as supports can be designed according to customer requirements. Existing power sockets (hexagonal, hexagonal, hexagonal or other) in the customer's inventory can be flexibly exchanged on the square drive of the cordless battery torque wrench - depending on the bolt connection.

**ITH – a leading driver of innovation in bolting technology for CAS**

The Hohmann brothers are the second generation of their family to run the company ITH (which stands for Industrie-Technische Konstruktion Hohmann, "Industrial-technical design Hohmann"). The world's leading system supplier in bolting technology with bolting tools, engineering, fasteners, and service is present in more than 40 countries worldwide - including 12 own ITH subsidiaries. With more than 200 international patents, ITH Bolting Technology is one of the major innovation drivers in the market. Leading global industry and branch leaders in the





fields of power generation, transport and material handling, and general engineering trust the expertise of ITH Bolting Technology. The ADS battery torque wrench is ITH's first product in the CAS network, with more to follow. With ITH Bolting Technology, CAS currently counts 23 manufacturers whose machines and devices are all one hundred percent compatible with a rechargeable battery and can be combined in any way.

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This press release including pictures can also be found on the Internet at

[www.metabo.com/de/de/info/aktuell/presse](http://www.metabo.com/de/de/info/aktuell/presse) and

[www.cc-stuttgart.de/presseportal](http://www.cc-stuttgart.de/presseportal)





New CAS Partner and specialized in bolted connections bigger than M16 (3/8"): ITH Bolting Technology. The world's leading system supplier in bolting technology from the Sauerland region in Germany is now adding a cordless high-performance torque wrench to the cross-brand cordless system CAS. **Photo: ITH Bolting Technology**





"With ITH Bolting Technology, we now have a strong partner on board that offers leading solutions for large bolted joints from M16 upwards," says Horst W. Garbrecht, CEO of Metabo, initiator of CAS. "This shows that CAS is also the best choice in this area." ITH's battery torque wrenches are used, for example, on bolted connections in steel construction. **Photo: ITH Bolting Technology**





The small and lightweight cordless torque wrench type ADS from ITH is suitable for high torques up to 6,000 Nm and switches off automatically after reaching the set target parameters - torque and / or angle of rotation. The ADS is available in three versions, shown here as "ADS Digital" with the mobile control unit "ITH Smart Control", which digitally controls the torque wrench via radio transmission. **Photo: ITH Bolting Technology**

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#### **About CAS**

The Cordless Alliance System (CAS) is a cross-manufacturer battery system initiated by the Nürtingen-based power tool manufacturer Metabo. CAS was launched in summer 2018 with nine power tool and machine manufacturers from different sectors. Currently, the companies Metabo, Rothenberger, Mafell, Eisenblätter, Collomix, Haaga, Electrostar (Starmix), Eibenstock, Steinel, Rokamat, Elried/edding, Birchmeier, fischer, Prebena,





Cembre, Pressfit, Jöst abrasives, Gesipa, Trumpf, Monti, Baier, Scangrip and ITH Bolting Technology are part of CAS. Within this battery system, which is unique in the industry, all machines of the CAS partners are one hundred percent compatible with one battery and can be combined in any way. Based on the powerful Metabo LiHD battery technology, CAS brings together the most diverse trades under one roof and thus offers professional users the freedom to work with standard and special products from various manufacturers in a mobile and flexible manner, far away from the power socket. More about CAS at [www.cordless-alliance-system.de](http://www.cordless-alliance-system.de).

### **About Metabo**

Metabowerke GmbH in Nürtingen is a long-established manufacturer of power tools for professional users from the core target groups of the metal trade and industry as well as the construction and renovation trades. Metabo stands for the most powerful cordless tools and is the leading supplier in the battery segment with its LiHD technology. Metabo has thus made its vision of the cordless construction site a reality. LiHD technology is also the basis of the CAS (Cordless Alliance System) battery system, which includes machines and power tools from various, industry-specific manufacturers. Under the Metabo brand name, the full-range supplier offers machines and accessories for all common applications, but also competence products and system solutions for special requirements. In addition to the extensive range of cordless tools, the Metabo program also includes corded mains machines and pneumatic tools. Founded in 1924 in the Swabian town of Nürtingen, Metabo is now a medium-sized company with production not only at its headquarters in Nürtingen but also in Shanghai, China. 25 sales companies and more than 100 importers ensure its international presence. Around 2,000 people work for Metabo worldwide. They generated sales of 594 million euros in the 2020/2021 fiscal year (April 2020 to March 2021). More about the Metabo company and its products at [www.metabo.com](http://www.metabo.com).

### **About ITH**

ITH Bolting Technology is the worldwide leading system supplier for tension and torque tools to tighten and loosen industrial bolt connections bigger than M16 (3/8"). As a whole system supplier, ITH combines quality tool solutions, comprehensive engineering knowledge, innovative fasteners, and qualified services for the best technical and economic solutions for business partners.

As a private-owned engineering company with a long-term business strategy, the global ITH network includes 12 ITH subsidiaries and more than 40 global representations.





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