



**AGRI
TECHNICA**[®]
THE WORLD'S NO. 1



Hall 16 Stand C13

12-18 November 2023 Hannover, Germany

Diplomatic Group

HYDRECO
a member of **DAIKIN** group

**Press Kit
2023
English**

**Stand C13
Hall 16** **AGRI
TECHNICA**[®]
THE WORLD'S NO. 1

Press Kit Index

- [Press Release English, German, Italian](#)
- [Product News](#)
- [Hydreco Hydraulics Worldwide](#)
- [Diplomatic MS Group at a glance](#)
- [Hydreco Hydraulics at a glance](#)
- [Till Hydraulik at a glance](#)

**HYDRECO HYDRAULICS – NOW PART OF DAIKIN –
EXHIBITS AT THE AGRITECHNICA FAIR IN HANOVER**

Hydreco - a Diplomatic Group company - now part of Daikin Industries, specialized in the design and production of motion control solutions for mobile operating machines, will present its new products at the Agritechnica fair that will take place in Hanover, Germany, from 12 to 18 November 2023 (stand C13, hall 16).

Vignola (MO), Italy 5 October 2023 – Hydreco Hydraulics, a Diplomatic Group company and part of Daikin Industries, specialized in the design and manufacture of motion control solutions for mobile operating machines, is pleased to announce its participation as an exhibitor at Agritechnica, which will be held in Hanover, Germany, from 12 to 18 November 2023 (stand C13 - Hall 16).

As a preview at Agritechnica Hydreco Hydraulics will present the MHDC proportional electric mini-joystick, which is characterized by extreme compactness, reliability, ergonomic handle, reduced installation dimensions and wide flexibility of the output signals.

At the show visitors will have the opportunity to discover the latest Hydreco innovations in the field of hydraulics and motion control such as:

- the MS series of six-way, central bypass open-center directional control valves, designed in a wide range of configurations and options;
- the ergonomic multifunction handle MHC (*Multifunction Handle Control*) with robust design suitable for harsh environments and for all applications where long life and reliable components are required.

At the stand, other solutions for motion control will also be exhibited, such as the hydraulic and electrical/electronic range of remote controls, machine control systems based on the CANbus protocol, bankable valves and hydraulic cylinders. In addition, the latest developments of external gear pumps and motors, made at the Parma production site, together with the cartridge valve series, will be on display.

Katie McColl, CEO of Hydreco Hydraulics and Continental Hydraulics, said: *"Hydreco, as part of Daikin Industries, is strengthening its presence in the German market, thanks to the synergistic collaboration with Till Hydraulik, a company from Helmstedt (Lower Saxony) specialized in the production of hydraulic cylinders for mobile applications. This represents a tremendous opportunity to combine the expertise and strengths of Diplomatic, Continental, Hydreco and Till."*

Hydreco Hydraulics - based in Poole, Great Britain, is a company acquired in 2019 by the Diplomatic MS Group of Parabiago (Milan, Italy) - now Daikin Industries- which has a turnover of 163 million euros and over 600 employees. Hydreco Hydraulics has a long and significant heritage in hydraulic components: for over a hundred years it has been designing, manufacturing and distributing products for the transport and hydraulics sector for the mobile sector: with sites in Italy, Norway, Germany, USA, India and Australia, Hydreco has a worldwide production and sales network. www.hydreco.com

Press info: Sara Bernardelli, s.bernardelli@diplomatic.com

PRESS RELEASE 1/2023

Hydreco Hydraulics Italia S.r.l. a socio unico

Via Dell'Artigianato, 580 - 41058 VIGNOLA, Italy
Tel: +39 059 7700411 - Fax: +39 059 7700425
E-mail: sales-it@hydreco.com - Web: www.hydreco.com



**HYDRECO HYDRAULICS - JETZT TEIL VON DAIKIN -
STELLT AUF DER MESSE AGRITECHNICA IN HANNOVER AUS**

Hydreco - ein Unternehmen der Diplomatic-Gruppe, das jetzt zu Daikin Industries gehört und auf die Entwicklung und Herstellung von Bewegungssteuerungslösungen für mobile Arbeitsmaschinen spezialisiert ist - wird seine neuen Produkte auf der Agritechnica vorstellen, die vom 12. bis 18. November 2023 in Hannover stattfindet (Stand C13, Halle 16).

Vignola (MO), Italien 5. Oktober 2023 - Hydreco Hydraulics, ein Unternehmen der Diplomatic-Gruppe und Teil von Daikin Industries, spezialisiert auf die Entwicklung und Herstellung von Bewegungssteuerungslösungen für mobile Arbeitsmaschinen, freut sich, seine Teilnahme als Aussteller an der Agritechnica anzukündigen, die vom 12. bis 18. November 2023 in Hannover stattfindet (Stand C13 - Halle 16).

Als Vorschau auf die Agritechnica wird Hydreco Hydraulics den proportionalen elektrischen Mini-Joystick MHDC vorstellen, der sich durch extreme Kompaktheit, Zuverlässigkeit, ergonomischen Griff, geringe Einbaumaße und große Flexibilität der Ausgangssignale auszeichnet.

Auf der Messe haben die Besucher die Möglichkeit, die neuesten Hydreco-Innovationen im Bereich der Hydraulik und Bewegungssteuerung zu entdecken, wie z. B.:

- die Sechsweg-Wegeventile der Baureihe MS mit zentralem Bypass und offener Mitte, die in einer Vielzahl von Konfigurationen und Optionen erhältlich sind;
- der ergonomische Multifunktionsgriff MHC (Multifunction Handle Control) mit robustem Design, geeignet für raue Umgebungen und für alle Anwendungen, bei denen eine lange Lebensdauer und zuverlässige Komponenten erforderlich sind.

Auf dem Stand werden auch andere Lösungen für die Bewegungssteuerung ausgestellt, wie z.B. die hydraulischen und elektrischen/elektronischen Fernsteuerungen, die auf dem CANbus-Protokoll basierenden Maschinensteuerungssysteme, Ventile und Hydraulikzylinder. Außerdem werden die neuesten Entwicklungen von Außenzahnradschlepppumpen und -motoren, die am Produktionsstandort Parma hergestellt werden, sowie die Cartridge-Ventilserie zu sehen sein.

Katie McColl, CEO von Hydreco Hydraulics und Continental Hydraulics, sagte: *"Hydreco, als Teil von Daikin Industries, verstärkt seine Präsenz auf dem deutschen Markt dank der synergetischen Zusammenarbeit mit Till Hydraulik, einem Unternehmen aus Helmstedt (Niedersachsen), das auf die Herstellung von Hydraulikzylindern für mobile Anwendungen spezialisiert ist. Dies ist eine großartige Gelegenheit, das Know-how und die Stärken von Diplomatic, Continental, Hydreco und Till zu bündeln."*

Hydreco Hydraulics mit Sitz in Poole, Großbritannien, ist ein Unternehmen, das 2019 von der Diplomatic MS Group of Parabiago (Mailand, Italien) - jetzt Daikin Industries - übernommen wurde, die einen Umsatz von 163 Millionen Euro und über 600 Mitarbeiter hat. Hydreco Hydraulics kann auf eine lange und bedeutende Tradition im Bereich der Hydraulikkomponenten zurückblicken: Seit über hundert Jahren entwickelt, produziert und vertreibt das Unternehmen Produkte für den Transport- und Hydrauliksektor für den mobilen Bereich: Mit Standorten in Italien, Norwegen, Deutschland, den USA, Indien und Australien verfügt Hydreco über ein weltweites Produktions- und Vertriebsnetz. www.hydreco.com

Presse Info: Sara Bernardelli, s.bernardelli@diplomatic.com

**HYDRECO HYDRAULICS – ORA PARTE DI DAIKIN –
ESPONE ALLA FIERA AGRITECHNICA DI HANNOVER**

L'azienda del Gruppo Duplomatic, ora parte di Daikin Industries, specializzata nella progettazione e produzione di soluzioni per il controllo del movimento per macchine operatrici mobili, presenterà le novità alla fiera Agritechnica che si svolgerà a Hannover, in Germania, dal 12 al 18 novembre 2023 (stand C13, pad. 16).

Vignola (MO), 5 ottobre 2023 – Hydreco Hydraulics, azienda del Gruppo Duplomatic e parte di Daikin Industries, specializzata nella progettazione e produzione di soluzioni per il controllo di movimento per macchine operatrici mobili, è lieta di annunciare la sua partecipazione come espositore alla fiera Agritechnica, che si terrà a Hannover, in Germania, dal 12 al 18 novembre 2023 (stand C13 del padiglione 16).

La novità che Hydreco Hydraulics presenterà in anteprima ad Agritechnica è il mini-joystick elettrico proporzionale MHDC, che si caratterizza per estrema compattezza, affidabilità, impugnatura ergonomica, ridotti ingombri di installazione e ampia flessibilità dei segnali di uscita.

In mostra i visitatori avranno l'opportunità di scoprire le ultime innovazioni dell'azienda nel campo dell'oleodinamica e del controllo di movimento come:

- la serie MS di valvole di controllo direzionali a centro aperto a bypass centrale, a sei vie, progettate in un'ampia gamma di configurazioni e opzioni;
- l'impugnatura ergonomica multifunzione MHC (*Multifunction Handle Control*) dal robusto design adatto per ambienti gravosi e per tutte le applicazioni dove sono necessari lunga durata e componenti affidabili.

Presso lo stand, saranno esposte anche altre soluzioni per il controllo del movimento, come la gamma oleodinamica ed elettrica/elettronica dei controlli remoti, sistemi di controllo macchina basati sul protocollo CANbus, valvole bancabili e cilindri oleodinamici. Inoltre, saranno in mostra i più recenti sviluppi delle pompe e motori a ingranaggi esterni, realizzati nel sito produttivo di Parma, insieme alla serie di valvole a cartuccia.

Katie McColl, CEO di Hydreco Hydraulics e di Continental Hydraulics, ha affermato: "*Hydreco come parte di Daikin Industries, sta potenziando la propria presenza sul mercato tedesco, grazie alla collaborazione sinergica con Till Hydraulik, azienda di Helmstedt (Bassa Sassonia) specializzata nella produzione di cilindri oleodinamici per applicazioni mobili. Questo rappresenta una straordinaria opportunità per unire le competenze e i punti di forza di Duplomatic, Continental, Hydreco e Till.*"

Hydreco Hydraulics - con sede a Poole, in Gran Bretagna, è una realtà acquisita nel 2019 dal Gruppo Duplomatic MS di Parabiago (MI) - ora Daikin - che ha un giro d'affari di 163 milioni di euro e oltre 600 dipendenti. Hydreco Hydraulics ha una lunga e significativa tradizione nella componentistica oleodinamica: da oltre cento anni progetta, produce e distribuisce prodotti per il settore dei trasporti e dell'oleodinamica per il settore mobile: con sedi in Italia, Norvegia, Germania, USA, India e Australia, Hydreco dispone di una rete mondiale di produzione e vendita. www.hydreco.com

Press info: Sara Bernardelli, s.bernardelli@duplomatic.com

PRODUCT INFORMATION

HYDRECO HY GEAR PUMPS AND MOTORS

The HY new range of gear pumps and motors is the result of the experience and knowledge acquired over many years of engineering and manufacturing that made Hydreco very well known for the performance and the reliability of its gear pumps series.

The HY series is provided with an aluminium alloy housing, two gear wheels supported by sleeve bearings and cast iron flange and cover. Available as pumps and motors, offers high efficiency and can be applied in standard and heavy duty application, thanks to the high reliability and the accuracy of design and production.

The pumps can be supplied as single, or as multiple units with a huge variety of options on flanges, shafts and ports, providing the right setup on each application. Feel free to contact your Hydreco representative to find out more and to get the proper support in your selection.



Press info: Sara Bernardelli
communications@diplomatic.com

Features:

Single and multiple pump options from 1.2 to 61 cc/rev (0.07 to 3.72 cu in/rev) per pump section. Helical from 4.5 to 48 cc/rev (0.27 to 2.93 cu in/rev). 310 bar (4.500 psi) peak pressure.

- 310 bar (3500 psi) peak pressure
- Up to 4000 RPM
- High efficiency
- Integral relief valves
- Multiple pumps on one shaft
- Popular drives and ports

For an overview of Hydreco Hydraulics product ranges, download our new brochure.



**ON SHOW AT
STAND C13 – HALL 16**

**AGRI
TECHNICA**[®]
THE WORLD'S NO. 1

2023

12 – 18 NOVEMBER | HANOVER, GERMANY
PREVIEW DAYS 12/13 NOVEMBER

PRODUCT INFORMATION

HYDRECO MHC HANDLE

MHC (Multifunction Handle Control) is the most recent outcome of the Hydreco range. Its strong and robust design in Polyamide PA6 enriched with glass fiber makes it suitable for harsh and heavy duty environment and for all that applications where long life and reliable components are needed. Its ergonomic shape, tilted 15° forward, has been designed to fit operators hands, making their job more comfortable due to its smart grip along the handle length.

It can be customized mounting the all the controls belonging to the Hydreco range, such as rocker switch, HYRP proportional roller, mini-joystick, switches and so on. It can be left hand or right hand, with tilting options to improve the ergonomic feeling of operators; also, it can be equipped with a capacitive sensor to detect the presence of the operator and with the new reliable electronic architecture that make it suitable for standalone CAN bus application.



Press info: Sara Bernardelli
communications@duplomatic.com

Ergonomic multi function handles for both safe and accurate man/machine interface.

- Knobs and levers with or without electrical switches and range of buttons
- Stylish, ergonomic designs for modern cabs
- Multifunction handles with extended button area
- Operator presence with capacitive sensor.

For an overview of Hydreco Hydraulics product ranges, download our new brochure.



**ON SHOW AT
STAND C13 – HALL 16**

**AGRI
TECHNICA**[®]
THE WORLD'S NO. 1

2023

12 – 18 NOVEMBER | HANOVER, GERMANY
PREVIEW DAYS 12/13 NOVEMBER

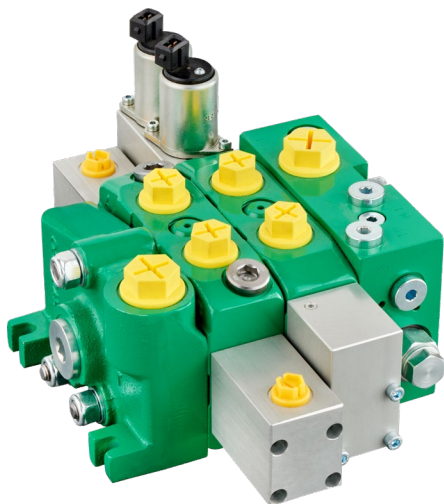
PRODUCT INFORMATION

HYDRECO MS SERIES

MS series are central bypass, 6-way, open-center directional control valves for mobile application. The range is designed to provide uncompromising performance with a wide range of configurations and options to meet all the customers' needs.

TECHNICAL FEATURES MS 100/130

- Compact and Modular construction: a single pump can supply from 1 to 12 services.
- Max Pressure: 350 bar.
- Max Flow Rate: 60 l/min (MS 60), 90 l/min (MS 90) and 120 l/min (MS 120).
- Spools: (single/double-acting, working ports locked or open in neutral, 4th floating pos.)
- Spool controls: electrohydraulic proportional, hydraulic proportional, lever controls



Press info: Sara Bernardelli
communications@diplomatic.com

Directional Control Valves for mobile, material handling and other applications.:

- 60 to 250 l/min (15.9 to 66 gal/min) and up to 350 bar (5076 psi) system pressure
- Parallel, tandem and mixed circuits available depending on model
- Sectional high grade iron housings
- Wide range of spool types and metering characteristics
- Operating systems include manual, hydraulic and electrohydraulic
- Integral system relief valve together with individual port relief and make up options available

For an overview of Hydreco Hydraulics product ranges, download our new brochure.



**ON SHOW AT
STAND C13 – HALL 16**

**AGRI
TECHNICA**[®]
THE WORLD'S NO. 1

2023

12 – 18 NOVEMBER | HANOVER, GERMANY
PREVIEW DAYS 12/13 NOVEMBER

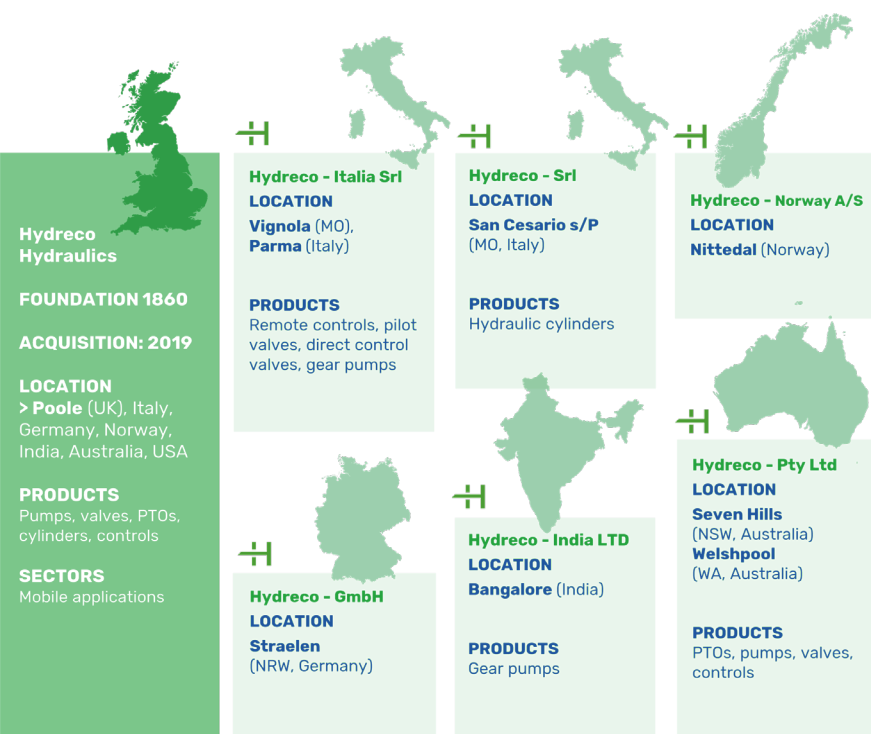
HYDRECO WORLDWIDE

Hydreco Hydraulics - a member of Duplomatic Group, now part of Daikin Industries - is the designer, manufacturer and distributor of products servicing the transport and mobile hydraulics sector. Hydreco has a combined history of 100+ years in developing solutions through a rich heritage of legacy companies.

The joining of David Brown Hydraulics, Powauto and Hydreco in 1997 brought together some of the most respected products, people and heritage brands in the business. Engineering excellence is at the core of Hydreco's organization, the product range is geared towards offering the best possible solution for many applications within Construction, Earth Moving, Transport, Industrial, Materials handling, and many more.

Outstanding performance on a global scale

Hydreco's entry into Duplomatic Group in 2019 has resulted in a strong synergy between the two organizations, strengthening the Group's ability to provide tailored solutions for a wide range of applications in the mobile and industrial sectors.



**ON SHOW AT
STAND C13 - HALL 16**

**AGRI
TECHNICA**[®]
THE WORLD'S NO. 1

2023

12 - 18 NOVEMBER | HANOVER, GERMANY
PREVIEW DAYS 12/13 NOVEMBER

Press info: Sara Bernardelli
communications@duplomatic.com





DIPLOMATIC MS GROUP AT A GLANCE

The **Diplomatic Group** is a global engineering and technology organization, specialized in the design and production of components and products for hydraulics, mechatronics and electromechanics (valves, pumps, hydraulic cylinders, microhydraulics, electric actuators ...), as well as advanced systems for motion control.

The **solutions** of the Diplomatic Group find application in every industrial and mobile sector and are developed for the main world manufacturers of operating machines, even with customization needs, for system integrators and distributors.

From July 1st, 2022, Diplomatic Group is part of Daikin Industries Ltd.

BRANDS

 <p>a member of DAIKIN group</p> <p>Diplomatic Industrial applications</p>	 <p>a member of DAIKIN group</p> <p>Hydreco Hydraulics Mobile applications</p>
 <p>a member of DAIKIN group</p> <p>Continental Hydraulics Industrial applications for North America</p>	 <p>a member of DAIKIN group</p> <p>Till Hydraulik Mobile applications for the German market</p>



REVENUES
162MI €
Group full year



WORKFORCE
+650



HEADQUARTER
Italy
Parabiago (MI)



TURNOVER BY GEOGRAPHIC AREA
69% Europe
18% Asia Pacific
13% America



CUSTOMERS
+5,000
Between distributors, system integrators and OEMs



FACTORIES
15 all over the world



COMPANIES

- ✔ **Hydreco Hydraulics** - Headquarter in Poole (UK) and sites spread in Italy, Germany, Norway, USA, India and Australia – Motion control solutions for mobile applications
- ✔ **Continental Hydraulics** - Shakopee, MN (USA) – Motion control solutions for North America
- ✔ **Till Hydraulik** - Helmstedt (Germany) – for the German market
- ✔ **Diplomatic Hydraulics Shanghai** - Shanghai (China) – Production of valves for the Asian area
- ✔ **Diplomatic Middle East** - Dubai (UAE) – for the project EXPO 2020 Dubai project and other special projects

BUSINESS UNITS

Within Diplomatic MS, next to the Headquarters in Parabiago (Milan - IT) – where valves are designed and manufactured – operate:

- ✔ The **BU Hydraulic Systems** - Lainate (Milan -IT) and Padova (IT) – for the production of complex systems
 - ✔ The **BU Turnkey Projects** - Parabiago (Milan - IT) – for special and innovative turnkey projects
 - ✔ The **BU Mechatronics**, with sites in Sulbiate (Monza Brianza – IT) for the development and production of electronic products focused on 4.0 Industry, and Rosta (Turin - IT) for the development and production of electric actuators
- Press info:** Sara Bernardelli
communications@duplomatic.com

SMART MANUFACTURING

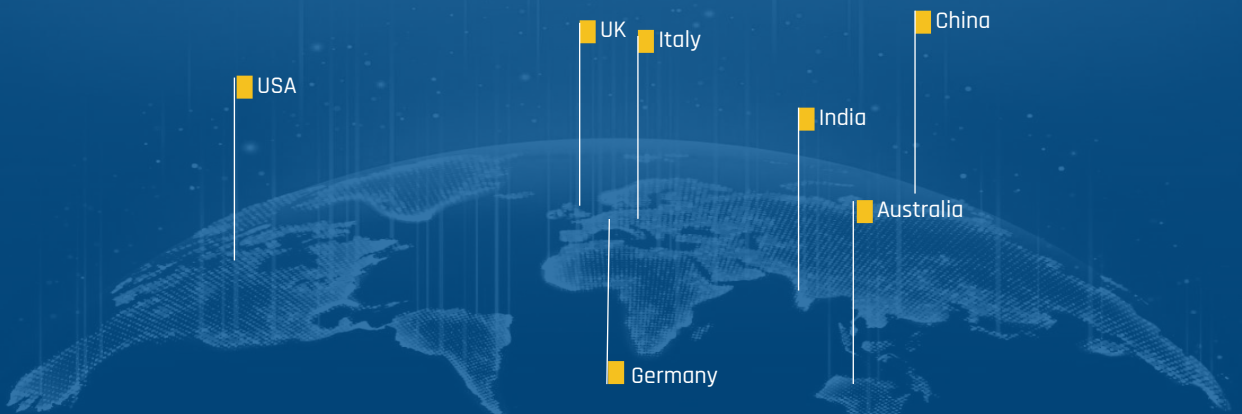
Diplomatic has structured its production in order to directly control all the steps, both in the Italian sites and abroad.

The production sites are organized according to the same standards and strategically relocated to quickly serve the various international markets.

Furthermore, all production sites are organized according to Lean Manufacturing processes to guarantee a competitive and quality service to Italian and international customers.



15 PRODUCTION SITES AND COMMERCIAL OFFICES AROUND THE WORLD



HYDRECO HYDRAULICS AT A GLANCE

Hydreco Hydraulics – a member of the Diplomatic Group – now part of Daikin Industries, is the designer, manufacturer and distributor of products servicing the transport and mobile hydraulics sector. Hydreco has a combined history of 100+ years in developing solutions through a rich heritage of legacy companies.

The joining of David Brown Hydraulics, Powauto and Hydreco in 1997 brought together some of the most respected products, people and heritage brands in the business. Engineering excellence is at the core of Hydreco's organization, the product range is geared towards offering the best possible solution for many more.

Advanced Hydraulics Technologies

Hydreco hydraulics has an extensive range of low noise helical gear, aluminium and cast iron gear pumps, as well as standard spur gear models. Its valve range covers the complete portfolio of Diplomatic Motion Solutions products, multi-spool sectional and monoblock models with electro-hydraulic, hydraulic and lever control and manifold system solutions.

Dual axis, stackable and single axis hydraulic pilot valves are also available with an extensive range of handle options, including ergonomic handles with many switches and button options. Hydreco is also capable to produce tailor made hydraulic cylinders, for the complete control of mobile vehicles.



REVENUES
33 MI €



WORKFORCE
+130

UK, Italy, Germany, Norway,
India, Australia



FOUNDATION YEAR
1860



HEADQUARTERS
Poole (UK)
1,900 sqm

Data as of 31-12-2022

TILL HYDRAULIK AT A GLANCE

Till Hydraulik – a member of the Duplomatic Group – now part of Daikin Industries, has more than 60 year history in mobile hydraulics.

Based in Helmstedt, Germany, they develop the most efficient products, innovative components, and sophisticated system solutions to cover everything from the prototype to readiness for series production to servicing throughout the entire working life.

The company assigns great importance to excellent training and involvement of their employees.

Product range

Till Hydraulik is the specialist for the implementation of special requirements in small and large series. Our hydraulics solutions can be found in applications for medical technology, agriculture, construction machinery, work platforms and much more.

They are also able to apply their experience to special requirements, such as the hydraulic rear wing adjustment of a sport car.

The portfolio includes:

- Cylinders
- Valves/Controls
- Microhydraulics
- Manual Compact Drives
- Systems
- Service & Spare Parts



REVENUES
34 MI €



WORKFORCE
+200

Helmstedt, Niedersachsen



FOUNDATION YEAR
1962



HEADQUARTERS
Helmstedt (Ger)
17,000 sqm

Data as of 31-12-2022

