

Let the show

bauma

In our third and final preview of the upcoming Bauma 2022 trade fair, we take a closer look at some more of the machines and hardware which will be on display at Messe München.

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HENGST, HALL A4.103

With headquarters in Münster, Germany, Hengst is a leading manufacturer of filtration solutions used across a series of industries, including off-highway machines and commercial vehicles.

At Bauma 2022, the company is planning to demonstrate how filtration technologies and intelligent fluid management can help to improve machine reliability and improve overall operating efficiency, even under adverse conditions.

In 2021, Hengst acquired Bosch Rexroth's hydraulic filter business. This supported an expanded product portfolio which now includes a complete filter and filter element portfolio. Following on from this, Hengst will show its range of hydraulic filters which feature the patented Cyclonic Effect. These are said to optimise filtration performance while also reducing operating costs.

In addition, the filtration specialist will also show a series of components for use with fuel cells. These include an ion exchanger for safe and reliable coolant circuits, a cathode filter for protecting the sensitive elements of the fuel cell from harmful gases and particles, plus a novel separator module to reduce liquid deposits.

HYDRECO (DIPLOMATIC GROUP), HALL A4.418

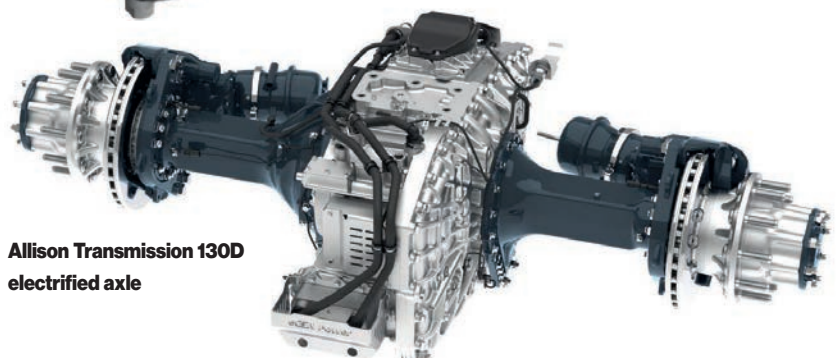
Founded in 1952 by Angelo Girola, Diplomatic was originally a manufacturer of hydraulic copy devices for lathes and milling machines. Since 2000, the Italian company, now known as the Diplomatic Group, has been expanding its reach in the machinery market. This has included the purchase of Continental in the US in 2011; Hydreco, in the UK, in 2019; and Germany-based Till Hydraulik in 2021. Earlier this year, the company was acquired by the Japan's Daikin Industries for €220 million (\$220 million).



Hengst ion exchanger



MHC joystick from Hydreco



Allison Transmission 130D electrified axle



On its 70th anniversary, Diplomatic will present the MS Series directional control valves at Bauma 2022. These include a series of central bypass, six-way, open centre valves for off-highway applications. Key features include a compact and modular construction: a single pump can supply between 1 and 12 services. Three versions of the valves are available: MS 60, MS 90 and MS 120, where the numeral refers to litre-per-minute flow rate.

Also at Bauma, Hydreco is planning to show its new multifunction handle control (MHC). This customisable solution is made from PA6 polyamide impregnated with glass fibre. The handle can mount all controls from the Hydreco range, such as rocker switches, HYRP proportional roller, mini joystick and others.

ALLISON TRANSMISSION, HALL A3.414

Headquartered in Indianapolis, Indiana, Allison Transmission is a leading supplier of conventional and electrified vehicle propulsion solutions for medium- and heavy-duty commercial vehicles.

At the Messe München, the company will be showing versions of its new eGen Power electric axles. These are designed for construction applications such as tipper trucks, concrete mixers and heavy-duty tractors.

The twin-motor eGen Power 130D is designed