

New P-10 axle-drives for aerial work platforms P-10 rigid & steering differential axles: multi- purpose transmission

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Comer Industries is strongly focused on product innovation as an essential competitive factor. The Comer Industries' powertrain products that will be introduced at ConExpo (South Hall 3 - Booth S-82831) are the result of the company's strategy for axles and transmissions. Cornerstones of these product ranges presented in the Las Vegas exhibition are the new-generation P-10 axle series, which delivers an integrated solution dedicated to Aerial Working Platform application. Developed from the same modular concept as the Comer Industries new axle generation, the P-10 axle range was designed and built to match the specific market segment requirements in terms of safety, performance and total cost of ownership (TCO).

Compact, for easy installation on the machine, the axle delivers the requested performance granting safety and reliability. The P-10 range will pair with multi-purpose transmissions: for traditional powertrain layout, in case of thermal power engine, a hydro motor is integrated in the axle itself.

The main purpose of the P-10 Hydroaxle is to deliver proper system efficiency within an ergonomic and compact solution at the most competitive TCO. Within the same drivetrain architecture and while keeping the front axle of the machine unaltered, the rear axle could mate with an electric motor for Full Electric or Diesel Electric powertrain systems. The electric drivetrain solution is progressing with the Electrification Step I Program already launched at Bauma Munich 2019.

In addition to drivetrain products, Comer Industries aims to provide a fully integrated solution also for the slew drive function: the PG-160 drive will be displayed as part of the planetary drive product range. It is combined with a hydraulic motor and counterbalance valve in single package.

Source: Comer Industries Spa