
NEW FC08-HD RIGID DIFFERENTIAL AXLES AND I-S428 ELECTRIC DRIVES

Comer Industries is strongly focused on product innovation as an essential factor for being competitive. Comer Industries' powertrain products that will be introduced at Bauma (**Hall A3 – Booth 225**) are the result of the company strategy covering axles as well as transmissions.

Cornerstones of these product ranges presented at the Munich exhibition are the series of **new-generation compact axles**, which delivers **increased efficiency, compact size** and **enhanced power density**. Main application purpose of these axles are wheel loaders.

Being developed from the same modular pattern as the Comer Industries axle generation 128-228-238-258-328, the **FC08** "compact" range was designed and built to match the requirements of equipment from earthmoving machines to agricultural applications, with features that meet the increasingly advanced needs of the current and future market.

More compact, for **easy installation inside the machine**, the axle boasts higher performance for the same total weight. With a reliably solid and scalable supply chain, its improved efficiency meets the growing needs of manufacturers in terms of energy savings and power density, making it a **flexible solution** in line with customer demands for ergonomic design and productivity.

The FC08 range will be available in two axle sizes, the FC08 and the **HD version for heavier machines**. The FC08 range is suitable for equipping a wheel loader with an empty vehicle weight of up to 5.4 tons. The range of application is not limited to wheel loaders and covers all off-highway vehicles within a compact range. The FC08 model is available with a dynamic load of 5.3 ton and maximum torque to the wheels of 1,800 daNm.

The FC08-HD model will have maximum torque to the wheels of 2,000 daNm.

Comer Industries is introducing a **new transmission range for electric driven vehicle**; this type of transmission is in combination with the FC08 axle product range.

This new development is a first step for Comer Industries into **electric drive transmission for off-highway applications** and is a clear sign of the commitment the company is taking with the aim to be an innovative partner for the customer in this market segment.

The design of the transmission is made to **host electric motors** and is suitable for **high input speed** providing **very low noise emissions** in compliance with full electric vehicle design needs.

I-S428 product range is featuring input speed up to 9,000 rpm and max. power up to 25 kw.

The I-S428 will be available in two versions: **S (single drop)** and **D (dual drop)**. Both solutions can be stand-alone as well as flanged to the axle.