



## **Berco launches Platinum Line products offering increased undercarriage lifetime and reduced cost per hour**

Berco is pleased to announce the launch of its Platinum Line of products for the aftermarket at Bauma 2019. The Platinum Line consists of products focused on improving undercarriage lifetime and reducing the cost per hour of operation for the mining, large construction and oil and gas markets.

“Our Platinum Line consists of products that are the state of art technology in the market. The idea is to position Berco as the ‘top of mind’ product provider for the global market for large machinery,” says Piero Bruno, Berco CEO.

Reliability is key for Apron Feeders used in sand treatment in the oil and gas markets, since a feeder failure means the loss of millions of dollars for each day of stopped work. Low temperature and high load spectrum common on these applications are a huge challenge for a system designer. To improve feeder reliability, Berco developed a unique high strength track link. Made of a new material, via a newly-dedicated manufacturing and treatment process, this link offers double the fatigue life compared to similar products on the market. Berco’s high strength track links also reduce the need for maintenance stops.

As an example of Berco engineering’s knowledge, the company has developed a solution for bucket wheel excavator teeth. Using its forging technology, and material and heat treatment expertise, Berco created a more resistant, light weight and higher performance Ground Engaging Tool. By using high quality steel and advanced mechanical superficial heat treatment, Berco provides an extended life of this product. Additionally, Berco designed a solution for faster connection to the bucket to reduce needed replacement work in the field. As the wear of forged bucket teeth can precisely be predicted (compared to casted solutions), preventive maintenance can be much more efficient and accurate.

“Berco Platinum Line products are aimed at customers who are looking for high quality solutions that can provide a great value/benefit ratio to their business,” says Bruno.

For the large mining dozer market, Berco is releasing the 800 HP track chain, a tailor-made solution for heavy duty application. This new product is applicable in all weather conditions, extends wet joint life up to 30%, and reduces maintenance stops. The Berco 800 HP track chain is designed with a reinforced link and uses bigger pins and bushings with a compatible sprocket and a higher link, offering major resistance to the large amount of load on the undercarriage. This chain also uses a new generation seal and incorporates our BPR2 solution.

## **ROBUSTUS**

Aimed at the construction dozer market, Berco launched Robustus, a new – patented - technology track chain that increases undercarriage lifetime by 35%, offering up to 6,000 maintenance-free hours and reducing cost by 25% compared to other track chains on the market. Robustus allows the bushing to rotate separately from the linkage system, dramatically decreasing wear on both the bushing and sprocket. With reduced friction between the sprocket and bushing, wear life is extended, and higher durability and lower operating costs are realized.

### ***About thyssenkrupp Forged Technologies***

*The Forged Technologies business unit is part of the thyssenkrupp Group's component business area, which generated sales of 7.9 billion euros with around 35,000 employees worldwide in the last fiscal year. Forged Technologies' product portfolio includes forged and machined engines, transmission and suspension components, such as crankshafts, rotor shafts and connecting rods, as well as undercarriage systems and components like track chains, rollers, carrier rollers, idlers, drive sprockets and track shoes. This machinery and undercarriage equipment are mainly used in the raw materials, construction and agricultural sectors. In the course of the planned separation of the thyssenkrupp Group, Forged Technologies will, in the future, be part of the thyssenkrupp Materials division, which combines steel and stainless steel production, materials trading and steel-related processing.*

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