

Bonfiglioli launches A New Range of High Torque Parallel Shaft and Helical Bevel Gear Units

Bonfiglioli, the global pioneer of high torque planetary gearboxes, announces the launch of the HDP/HDO Series. This series features a complete range of Parallel Shaft and Helical Bevel Reducers for the North American Market. These High Performance, High Torque Reducers were introduced in

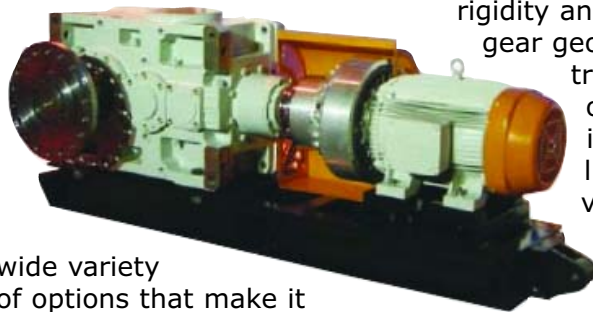
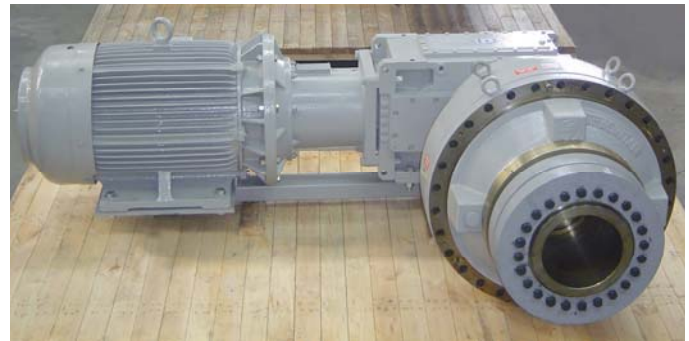
Las Vegas earlier this month at CON-EXPO, North America's largest construction equipment show. This new series is the culmination of a three year in-house development program and a two year history of successful sales experience in Europe, Australia and South Africa.

New High Power, High Torque Reducer Range

The HDP/HDO Series allows Bonfiglioli to now offer solutions for high torque industrial applications; satisfying power and torque requirements ranging from 10-1500 HP / 100,000 to 640,000 in-lbs, with plans to expand the range even larger by the end of 2008. The Series is targeted at the mining, conveying, paper, wood, steel manufacturing and many other processing industries. It's designed as a standard product line with a

shaft market. These heavy duty units were created with extensive use of FEA (Finite Element Analysis) and MBS (Multi-Body Simulations) to identify the dynamic effects of stress transmitted between the various components of the gearbox. The result is enhanced structural rigidity and gear geometry for

trial users to experience maximum performance and quality, while satisfying the most advanced standards in industry. The result is a range of products that even the most experi-



wide variety of options that make it flexible enough to meet most applications

The HDP/HDO's use of high performance materials, carefully controlled heat treatment and state of the art design techniques provide unrivalled performance in the parallel

optimized load capacity and gear/bearing life. Noise levels and vibrations have also been kept to an absolute minimum by using structural simulations based on BEM (Boundary Element Method) analysis. The application of these very stringent engineering and manufacturing specifications meet both ISO and AGMA Standards. It provides a design ready for the world market, allowing indus-

enced manufacturers will find hard to beat. Quite simply, **HDP/HDO sets a new benchmark for the power transmission industry.**

Bonfiglioli is one of the world's leading designers and manufacturers of Power Transmission & Control products for a wide variety of industrial and mobile applications. Bonfiglioli Canada supports and assembles these and other Industrial Transmissions at their Concord Drive Service Center.

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Power & Control Solutions

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