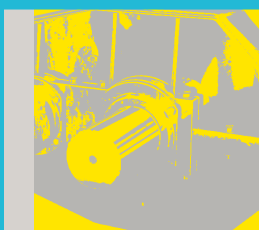




SION > FLUID POWER > POWER TRANSMISSION > FLUID POWER



> **Brevini Group**

The Brevini industrial Group is a market leader in two strategic business areas: mechanical drives and hydraulic systems.

Operating for 40 years in both sectors, the Brevini Group now has a consolidated turnover of 240 million Euro, with 1.300 employees.

Present with a direct network in the main world markets, the Brevini Group is a global firm whose strong points include: design and after-sales advice, geographic coverage; experience in all possible applications, both on self-propelled machines and on industrial systems.

Brevini Group controls more than 30 commercial branches and is formed of 9 important industrial manufacturing concerns: Brevini Riduttori - Brevini Winches - PIV Drives - Hydrapp - Aron - Oleodinamica Reggiana - SamHydraulik - Brevini Hydraulics - VPS Brevini.



**PIV**



Division of Brevini Group

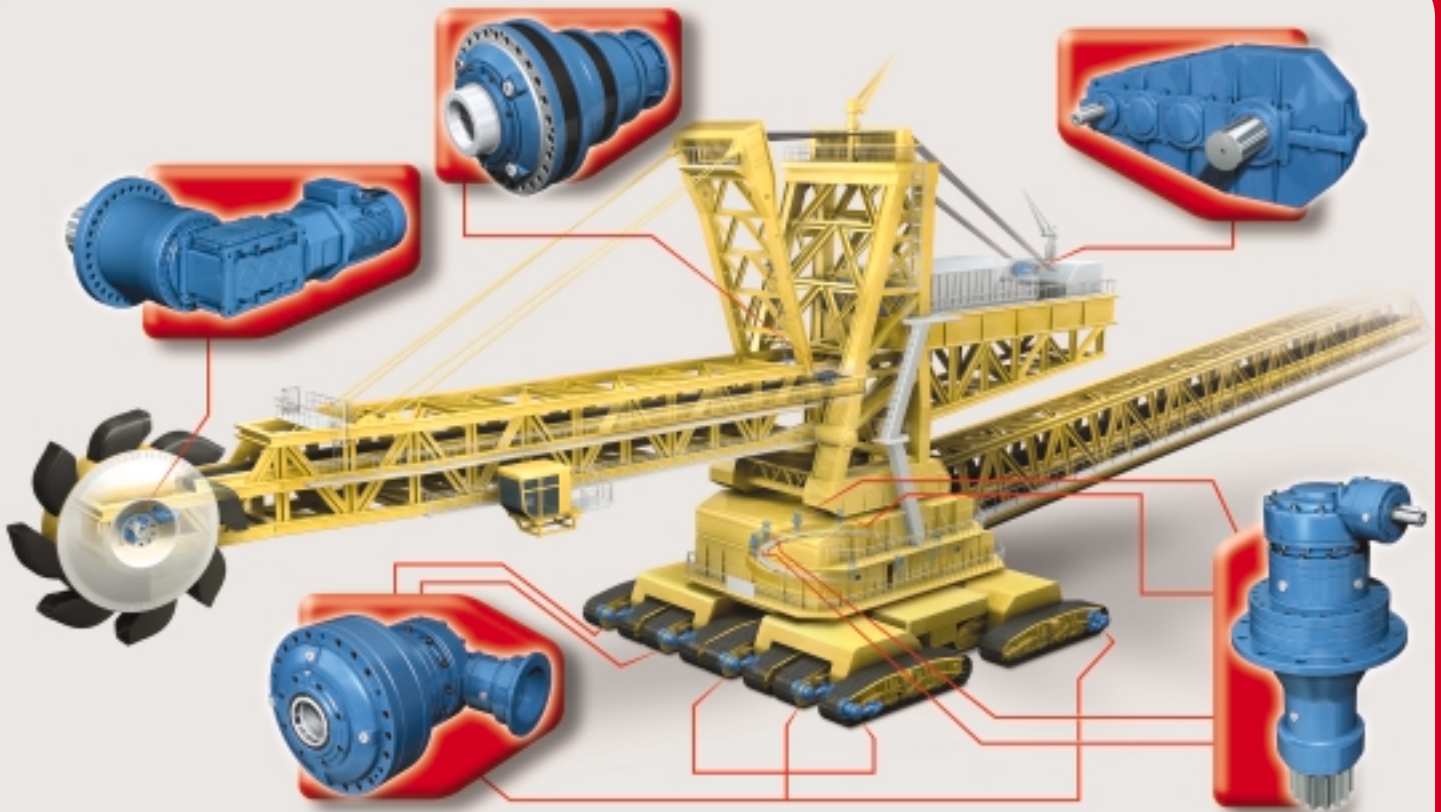
The companies manufacturing planetary gearboxes, helical and bevel helical gearboxes, winches, are managed together in the business unit: Brevini Power Transmission.





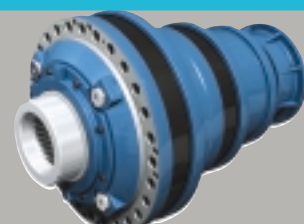
In the area of excavation Brevini can provide several products, including its recently launched “S” Series planetary gearboxes. These units feature a new planetary gear design that increases the power available without affecting the overall weight of the gear unit. Available in 8 sizes, with up to 4 reduction stages and offering maximum nominal torques outputs up to 370.000 Nm, the low-weight “S” series offers all the high torque performance, robustness and reliability required in extraction and mining industries.

Brevini’s planetary technology is also on display in a range of slewing drives that are widely used on excavators and cranes. These RPR slewing drives are an essential component in ensuring



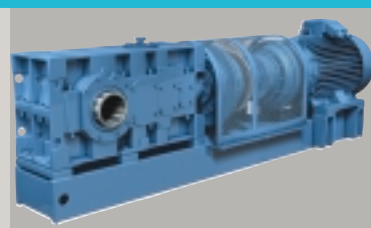
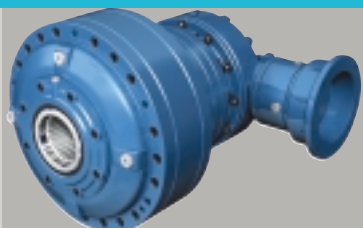
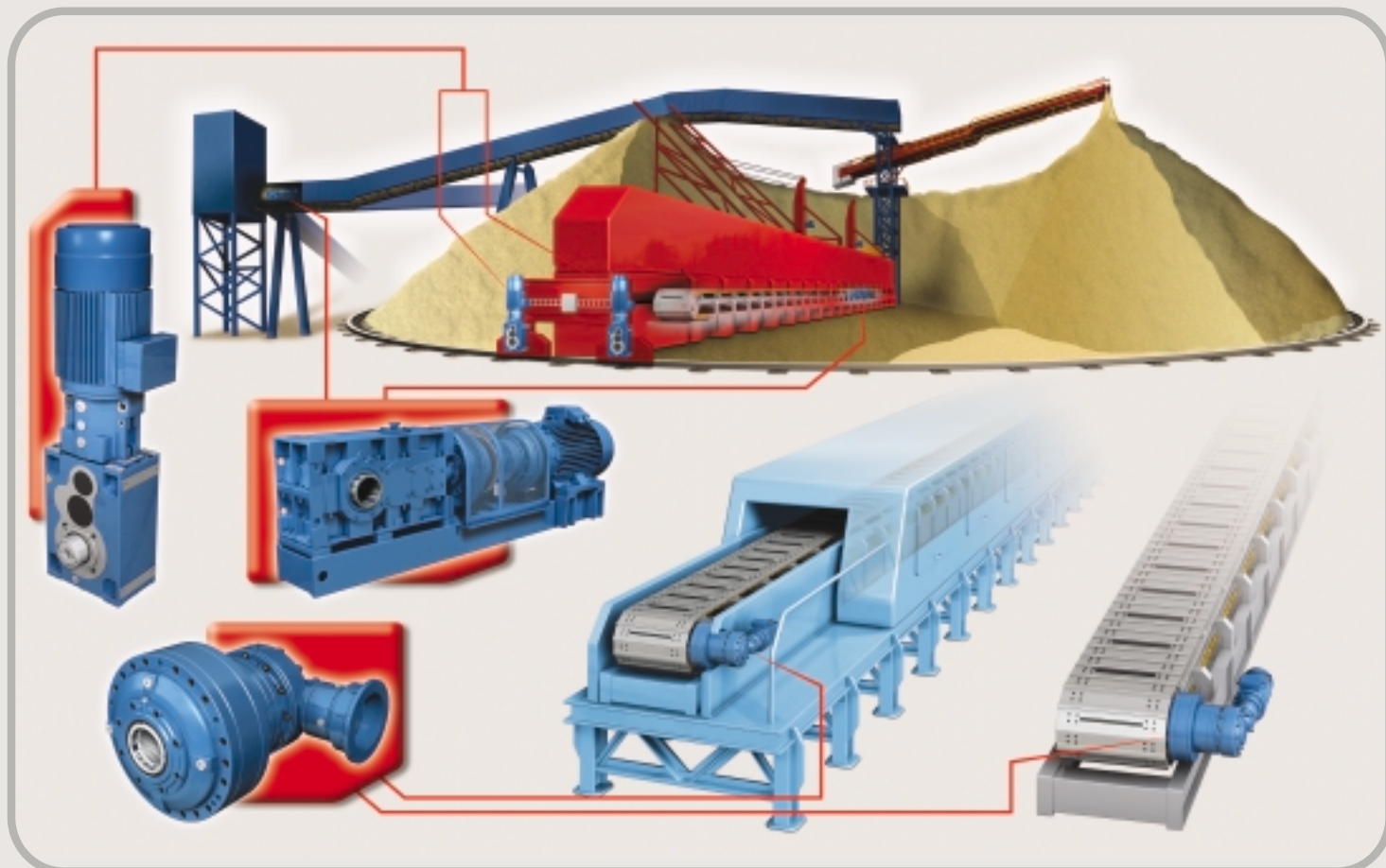
reliable operation and in keeping weight and size to a minimum on excavation and construction equipment.

PIV’s modular range of POSIRED gearboxes is perfect for use in main drives, travel drives, conveyor drives and lifting gears. This series of precision helical and bevel-helical gear units enables even the most complex excavator drive problems to be solved “off-the shelf” with substantial savings in time and cost. Offering output torques up to 800.00Nm, POSIRED is a highly versatile modular system embracing a small nucleus of parts which can be assembled in a myriad of combinations to provide optimized power transmission solutions.



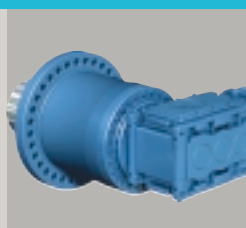
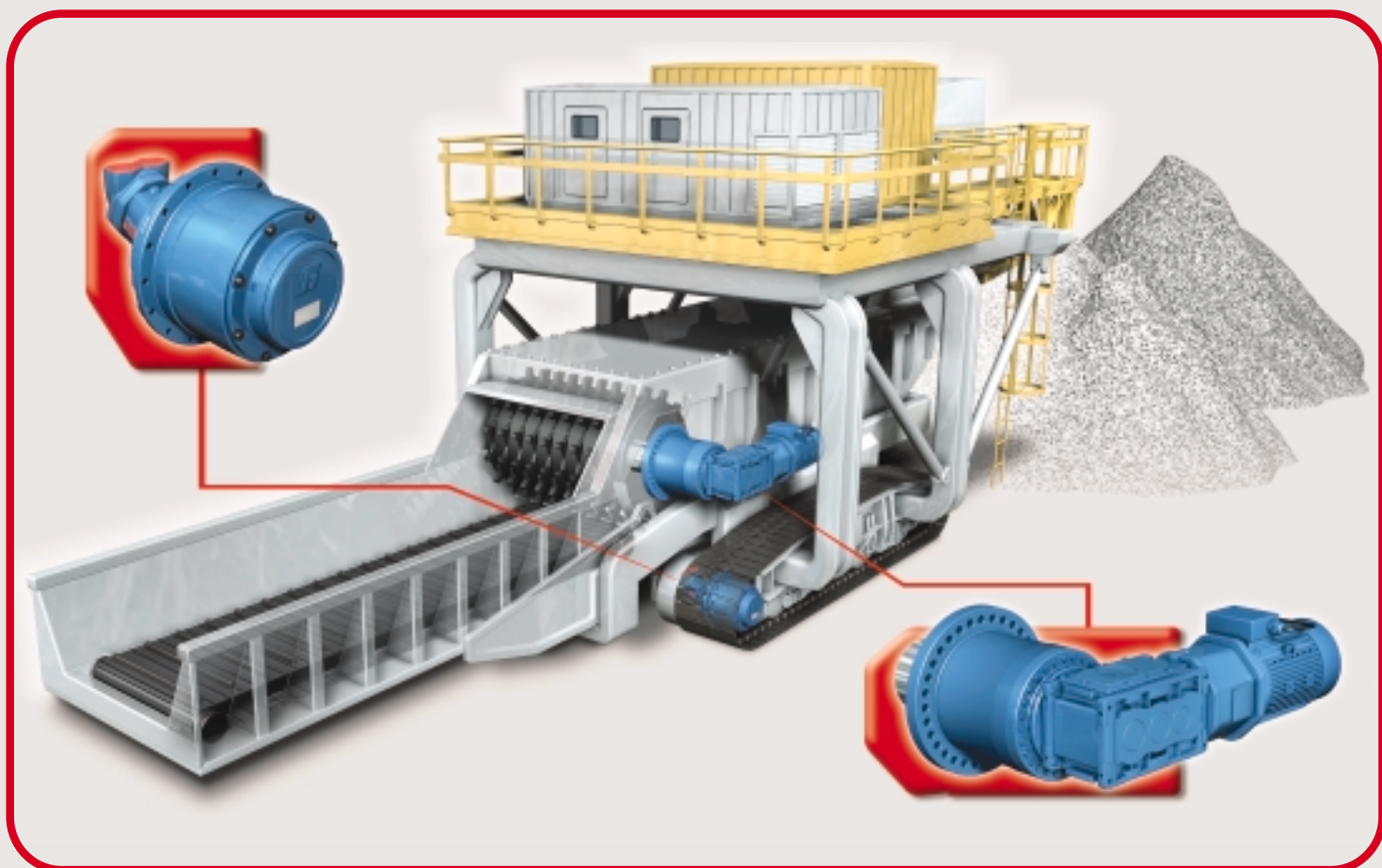
The flexibility and modularity of POSIRED system is highlighted as the main travel drive systems for large outdoor bulk materials handling conveyors.

Complementing the Posired as a main drive for bulk materials handling conveyors is Brevini's multi-stage SC series of right angle planetary gearboxes. These units employ a planetary gear train enabling them to deliver high reduction ratios in small packages. This compact design transmits several times the torque of similarly sized conventional gear units. Therefore, they can be half the size of conventional gear units, yet transmit the same levels of torque. They also fit where others will not, which translates into easier installation and neater design solutions.

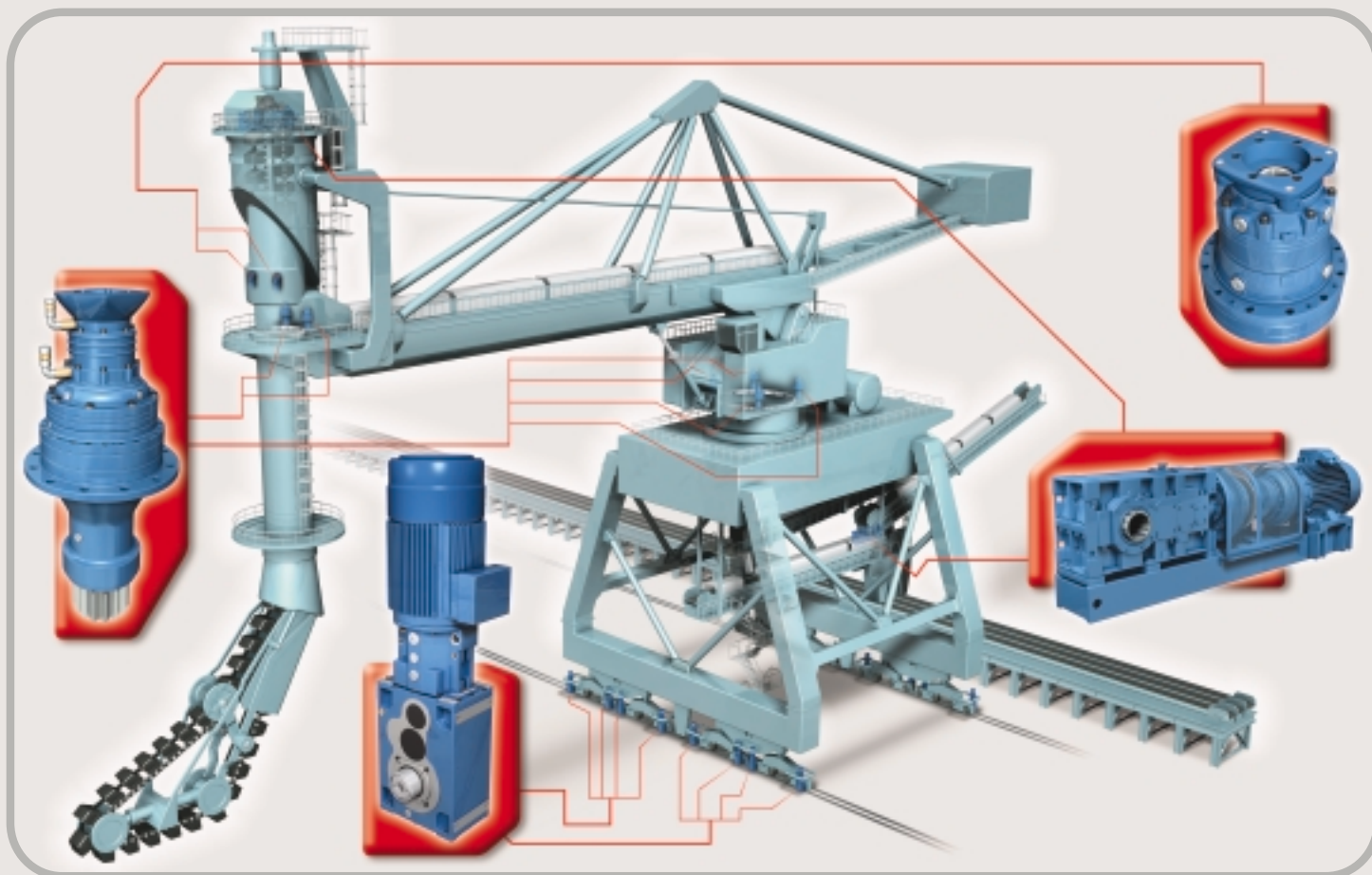




The ability to reduce size and weight on mobile crusher plant is being displayed by Brevini with its CTU range of compact track drives. Designed for use on mobile plant weighing from 1.5 to 40 tonnes, these drives are compact units that mount inside the track sprockets of vehicles. They are rotary case type planetary units that utilise multiple gear stages to reduce size. CTU drives are available with integrated hydraulic motors, with either axial or orbital pistons, and can be fitted with options such as brakes and a disconnect device to aid towing.



Completing the Brevini offer to the mining industry is a range of power transmission equipment for use on shiploaders up to 3.000 tons. Here you can see Brevini and PIV units that are used on bucket elevators, right angle gearboxes which are used for bucket elevator slew drives and in-line planetary gearboxes that are used on rotary feeders and boom slewing applications respectively.



### The latest power transmission equipment for improving performance and reliability in mining operations

The power transmission products manufactured by Brevini Riduttori and PIV Drives are proven in all areas of mining operations: excavation, bulk materials handling, crushing and ship unloading. Either singularly or in combination, they provide the user with the most powerful and flexible size / performance packages available in the mining market.



Brevini Riduttori is the one of the major worldwide producers of planetary gearbox technology with subsidiaries in over 25 countries. Founded in Italy in 1960, Brevini has used the higher torque, smaller size and improved efficiency advantages of its planetary gearboxes to revolutionise the transmission of torque in all areas of industry, transport, construction, mining, processing, agriculture, utilities, machine tools and many more.

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PIV Drives, founded in 1928 and now part of Brevini Riduttori, is a pioneer in developing modular concepts for its comprehensive Posired 2 range of helical, bevel helical and spiral bevel gearboxes. This was a far sighted initiative that is benefiting customers across all industries, providing the flexibility to deliver optimized power transmission solutions, both standard and bespoke, quickly with high levels of quality and at competitive cost.

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Brevini Winches manufactures hydraulic and electric hoisting and pulling winches for mobile machines and for industrial equipment.

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