Foundry and Heat Treatment

Hybel is one of the few companies in its sector in Brazil that has its own foundry, ensuring greater quality control throughout the manufacturing process, allowing more competitive prices. Hybel also has a heat treatment unit, updated with the latest equipment in high technology and automated systems providing a wide range of complex and diverse thermal cycling.

Quality Control

Hybel uses CNC machines arranged in robot cells, where each piece is inspected to a strict quality control process, ensuring the delivery of high performance and added value products.

Industry Focus

Through an extensive portfolio of products and services, Hybel operates in competitive and key segments for the economic development.
Agricultural | Roads | Mobile Construction | Industrial

Products

Hybel's hydraulic pumps and motors are synonymous of high quality and performance. All equipments are developed with noble materials, divided into several volumetric displacements, ranging from 1,2cm³/rev up to 201cm³/rev, with maximum continuous working pressure of up to 280bar. Hybel's products can be configured for single or multiple stages, including custom development for specific application.

Aluminibeta Series

The Aluminibeta series products are synonymous of high-performance and efficiency, with low noise levels and high operating pressures. With small size and low weight in relation to the strength transmitted, its construction is composed of a main body made of aluminum alloy and multiple gears rotor gears with sliding bearings, allowing hydrostatic compensation. The Aluminibeta project enables pumps to be assembled in single or multiple units, with or without auxiliary valves.

S03 S05 S11 S12 S17

Iron Pump Series

The "Iron Pump" Hydraulic Pumps Series are developed for the most diverse applications. They are robust equipment for accurate and efficient projects, designed for long lasting life. They are manufactured in single or multiple units, having a main body, mounting flange and back cover segmented parts. Produced from high resistance casted iron, this is a project which allows a wide range of combinations and assemblies.

S30 S50 S75

Bushing Pump Series

The hydraulic pumps and motors from the bushing motors series are specially designed for applications requiring larger pressures and rotations, providing better volumetric efficiency, higher pressures up to 280bar and low noise level. They are produced in single and multiple units, having a main body, mounting flanges and covers in segmented parts, allowing a diverse range of assembly combinations.

S33 S53 S63 S33X S53X

Gerotor Motors

Hybel's gerotor hydraulic oil motors are built with extreme precision ensuring high quality standards and performance. These equipment are developed with noble materials, divided into several volumetric displacements, ranging from 50 to 800 cm³/rev, maximum pressure of up to 310 bar and speed ranging from 10 to 1000 rpm at a maximum torque of up to 2110 Nm.

H-DS H-OMR H-OMP H-OMH

H-OMS H-OMT H-OMV

Interchangeable Parts for Different Brands

Pump Parts and Piston engines

Cartridges Series for VQ Vane Pumps

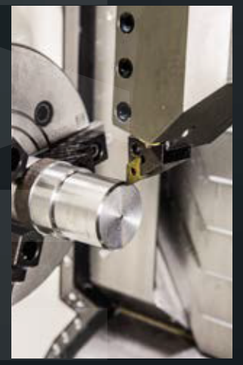
Special Series

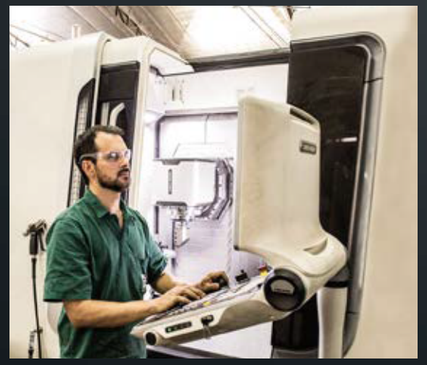
Pumps for dump trucks | Rotary flow dividers | Pumps for transmissions

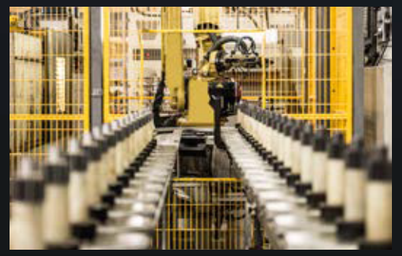
About us

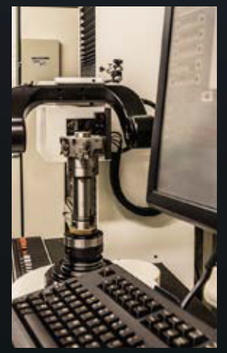
Hybel is one of the main Brazilian players in the metalworking industry, operating since 1981 in the segment of pumps and hydraulic motors. It is the company with the largest number of distribution and business units in the main market centers of the country, in its segment. The company also has a unit located in Chicago, U.S.

Hybel is located in Criciúma, Southern State of Santa Catarina, which is the one of the Brazilian States with the highest economic and social development indexes. The company currently count with highly trained team of professionals, also counting with its own foundry and heat treatment, as well as having the ISO 9001:2015 quality system, ensuring Hybel's quality products.









Hybel

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OIL MOTORS

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