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## **Burckhardt Compression Awarded an Order from Braskem Including a New Frame for a 30-year-old Hyper Compressor in Brazil**

**Braskem, Brazil, selected Burckhardt Compression to supply a new frame for their existing Hyper Compressor type F10 that has been for almost 30 years in operation.**

Burckhardt Compression recorded an order from Braskem in Porto Alegre, Brazil, to deliver a new frame for their existing F10 Hyper Compressor that was manufactured almost 30 years ago under license of Burckhardt Compression. The order includes the delivery of internals and auxiliaries, such as the crank gear lubrication, the main bearings and the crosshead guide plates.

The new frame will also enable the installation of a detecting system for real-time monitoring of bearing temperature on non-stationary moving parts, called Sentry, which is not possible to install on the existing frame. The delivery of the parts is scheduled to be in November 2009. The frame is made out of one-cast piece and weights 35 tons.

As an OEM (original equipment manufacturer) with over 160 years of experience in the design, manufacture and service of reciprocating compressors, Burckhardt Compression has a dedicated team of specialists and technical competence for revamps, overhauls, engineering services and repairs for other brand compressors. Burckhardt Compression is the market leader for Hyper Compressors with a discharge pressure up to 3500 bar.

Productivity and availability improvements of existing reciprocating compressors or changing compression requirements often call for revamps or up-ratings. With Burckhardt Compression's in-house state-of-the-art sizing and finite element analysis tools professional specialists can model and calculate any existing reciprocating compressor to improve compressor operation, increase load or re-engineer parts.

Hyper Compressors are high pressure reciprocating compressors for low density polyethylene plants and compress ethylene up to 3,500 bar (50,000 psi). They excel with a long lifetime and highest safety standards thanks to their unique design features and Burckhardt Compression's worldwide one-stop service.



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## **About Burckhardt Compression**

Burckhardt Compression is one of the worldwide market leaders in the field of reciprocating compressors and the only manufacturer that offers a complete range of Laby<sup>®</sup> (labyrinth piston), Process Gas, and Hyper Compressors. The compressors are used to compress, cool or liquefy gases. Burckhardt Compression's customers include multinational companies active in the chemical, petrochemical, refinery, industrial gas and gas transport and storage industries. With the leading compressor technology, the high-quality compressor components and the comprehensive range of services Burckhardt Compression supports its customers in their effort to minimize the life cycle costs of their reciprocating compressor systems.

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