

News of December 03, 2021

Burckhardt Compression signs contract to equip a mega-plant with three Hyper Compressors in China

Burckhardt Compression has signed a contract with Jiangsu Hongjing New Material Company Ltd. to equip three production lines for EVA (ethylene-vinyl acetate copolymers) and LDPE (low-density polyethylene) with three Booster-Primary and three Hyper Compressors. The petrochemical mega-plant that is currently being built in Lianyungang, China, will have an output of 600 kilotons per year of EVA/LDPE.

Highly demanding production

The production of EVA (ethylene-vinyl acetate copolymers) and LDPE (low-density polyethylene) is technically highly demanding and requires Booster-Primary and Hyper Compressors as key components. The Hyper Compressors are high-pressure reciprocating machines compressing ethylene with discharge pressure of up to 3,500 bar. Burckhardt Compression is the global leader for such a highly demanding application, with more than 55 years of experience in manufacturing Hyper Compressors.

Polymers for various demands

EVA and LDPE are raw materials for products such as foils, electric cables or floor coverings. Specifically, the three 200 kilotons per year photovoltaic class ethylene-vinyl acetate copolymers plants will help to satisfy the worldwide demand for EVA polymer, which, shaped as a film, is used in solar panels as an insulating and sealing agent around the solar cells.

Mega-plant in East China

Jiangsu Hongjing New Material Company Ltd., a subsidiary of Jiangsu Sailboat Petrochemical Co. Ltd. is a mostly privately-owned company in China that refines petroleum products and manufactures chemical products. The mega-plant will help to satisfy China's growing demand for EVA polymer, driven by the switch from traditional hydrocarbon-based energy production to renewable energy. Burckhardt Compression has already delivered Booster-Primary and Hyper compressors for the first phase of this project. The current stage of expansion is the second one of this mega-plant.

Fabrice Billard, President Systems Division, Burckhardt Compression: "We are proud to have been selected for this mega project and would like to thank Jiangsu Hongjing New Material Company for their trust in our compressor technology and service capabilities."

Hengjun Zhu, Deputy General Manager, Jiangsu Sailboat Petrochemical Co. Ltd. : "We are very glad to have selected Burckhardt Compression AG as the supplier of very critical equipment in this important project, which is supporting the transition of the Chinese economy towards renewable energy."

Further information:

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About Burckhardt Compression 关于布克哈德压缩机

Burckhardt Compression is the worldwide market leader for reciprocating compressor systems and the only manufacturer and service provider that covers a full range of reciprocating compressor technologies and services. Its customized compressor systems are used in the upstream oil & gas, gas transport and storage, refinery, chemical, petrochemical and industrial gas sectors. Burckhardt Compression's leading technology, high-quality compressor components and the full range of services help customers to minimize the life cycle costs of their reciprocating compressor systems around the world. Since 175 years its highly skilled workforce has crafted superior solutions and set the benchmark in the gas compression industry.

布克哈德压缩机是往复式压缩机系统在全球市场的领导者，也是唯一涵盖了全部往复式压缩机技术和服务的制造商和服务供应商。其定制的压缩机系统用于上游的油气、天然气运输和储存、炼油、化工、石化和工业气体等领域。布克哈德压缩机的领先技术，高质量的压缩机部件和全范围的服务帮助客户尽量减少他们的往复式压缩机系统在全世界范围内的生命周期成本。自 1844 年以来，Burckhardt 已经制定出了卓越的解决方案，并在气体压缩工业成为标杆。

SIX Swiss Exchange: BCHN

For further information please visit www.burckhardtcompression.com

About Jiangsu Sailboat Petrochemical Co. Ltd.

Jiangsu Sailboat Petrochemical Co.Ltd. belongs to Shenghong Petrochemical Group, which is a wholly owned subsidiary of Shenghong Holdings group. It covers an area of 350 hectares with total investment of about 30 billion yuan. The main products include ethylene-vinyl acetate copolymer resin (EVA), ethylene oxide and derivatives, acrylonitrile, methyl methacrylate (MMA), super absorbent polymer (SAP) and other products.

For further information please visit:

http://www.shenghongpec.com/en/Subsidiary_company/Sailboat_petrochemical/