

Press Release

Custom-made replacement motor for two extruders

Berlin – Menzel Elektromotoren have constructed a special motor for a customer from the plastics industry which can be used as a flexible replacement for two differently designed extruders. The operators turned to Menzel, because no "off the rack" motor was suitable for this particular task. With 90 years of tradition and experience in motor construction, the company specializes in the manufacture of customized motor solutions and can implement versatile adaptations and special designs in its workshop in Berlin.

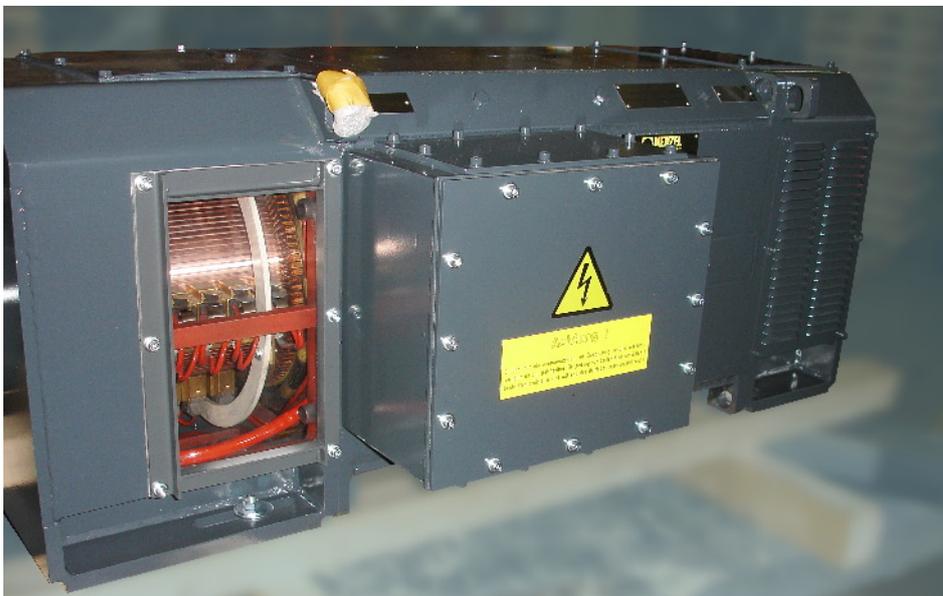


Illustration: Two in one: this specially modified, cost-saving reserve solution by Menzel Elektromotoren can replace two different extruder drives if needed

The motor specialist's service also includes modifications for DC motors as in this case. The DC motor supplied by Menzel features a performance of 472 kW and nominal speeds of 1,400 or 1,710 min⁻¹ respectively, to replace each of the two extruders if necessary. "The customer was able to avoid the costly implementation of a second spare motor, because this two-in-one replacement motor has been adapted to the on-site limitations and two different installation conditions by us," explains René Gaebel, Head of DC & Special Drives for Menzel. His team constructed the motor with an active terminal box on both sides and installed a custom shaft for an adjustable connection to either extruder. To accommodate the different lengths of the two motors, a flexible foot mounting with long slots at the front and back was installed as well.

Illustrations: sonderbau_gleichstrom Char.s: 1,338
File name: 201702031_pm_sonderbau_gleichstrom_en Date: 2017-02-20

About Menzel Elektromotoren

Based in Berlin, Menzel Elektromotoren GmbH has been manufacturing and distributing electric motors for more than 90 years. The medium-sized company specializes in the delivery of large electric motors, including special models, within the shortest possible time. The product range comprises high and low voltage motors, DC motors, transformers, and frequency inverters. Services include motor production and short-term adaptation of stocked motors to application-specific requirements. In order to ensure fast deliveries to the customer at all times, the company maintains a very extensive inventory including more than 20,000 motors with a maximum performance of up to 15,000 kW. Qualified engineering, experienced staff, and state-of-the-art production and testing facilities help Menzel provide excellent reliability. Menzel operates subsidiaries in the UK, France, Italy, Spain, and Sweden, and cooperates with numerous partners worldwide.

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