

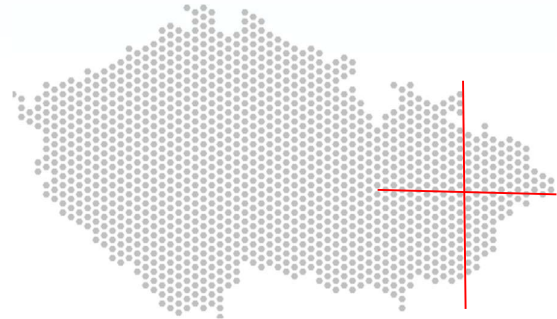
Installation of Schneider-Electric frequency inverter - APM 900 product line - 315kW

Investor

Cement Hranice, joint-stock company

www.cement.cz

Hranice, Czech republic



Date of implementation: 2021

Volume of implementation: 21 000,- EUR

Cement Hranice, a joint-stock company, is part of the Italian Buzzi Unicem concern, which operates plants in 14 countries with more than 10,000 employees worldwide. The Hranice plant began operations in April 1954. The daily production capacity of clinker is 3,000 tons, from which a wide range of cements are milled. The plant pays attention to the economy and environmental friendliness of production and therefore works on constant innovation and modernization of equipment.

Schneider-Electric Altivar Process Modular Drive

Altivar Process Modular Drive is a modular and scalable solution from 110 kW to 2600 kW. This series was developed to fit even the most demanding applications.

Thanks to their compact dimensions, the drives are designed for integration into cabinets with a height of 2 m and a reduced height of 1.6 m, with IP 21 and IP54 protection. Water-cooled modules can then be installed in cabinets with protection up to IP66. The overall solution consists of individual identical modules for all power ranges. Service technicians can thus have unified sets of spare parts for easy repairs in the field. This is why customers mainly appreciate the ease of maintenance and service. Possibility of implementation also in a low-harmonic design (THDi < 3%).

Scope of delivery:

Our task was to replace the original pDRIVE 315kW box-type frequency converter with a new, modular frequency converter from the ALTIVAR PROCESS MODULAR 900 product line. The entire converter was pre-assembled and assembled before the actual replacement in our production and then transported to the installation site in parts. The advantage is the possibility of transporting it in smaller parts even to hard-to-reach areas, as was the case in this case. The actual replacement was also very fast, as was the registration of the converter and the display of the production label directly at the installation site.

Gallery:

