

- Reach the **PINNACLE** of **Performance** and **Reliability**

FRENIC-Mini and FRENIC-Ace Drives offer the Right Mix of Features and Reliability for Pugmills

From 3D printing and battery material to ceramics and clay for pottery, multiple materials need to be quickly combined together into a homogenous mixture. That's where a mixing extruder, known as a pugmill, comes into play. Peter Pugger is a leader in this space – helping to ensure volume production in these industries and solving material challenges.

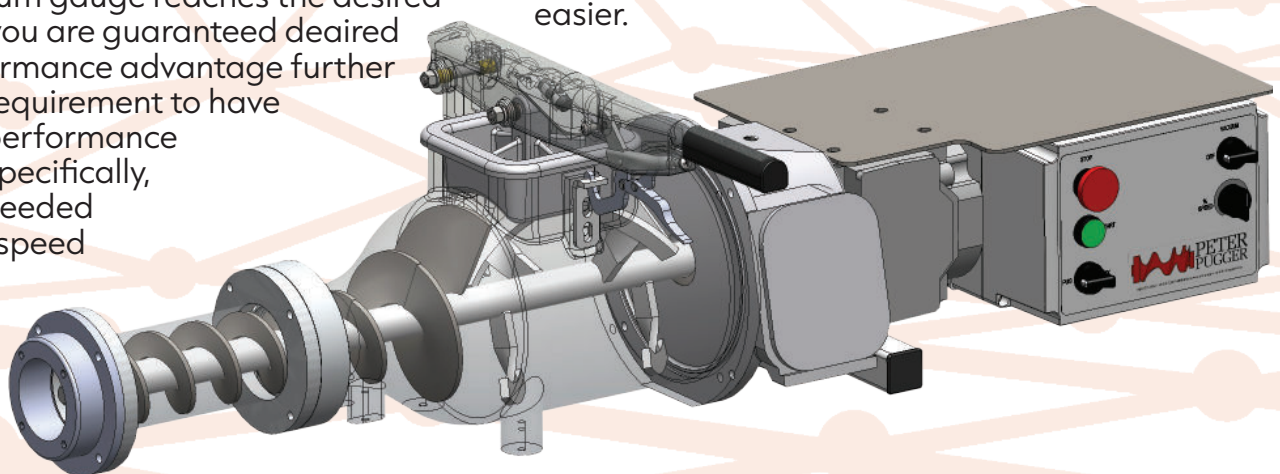
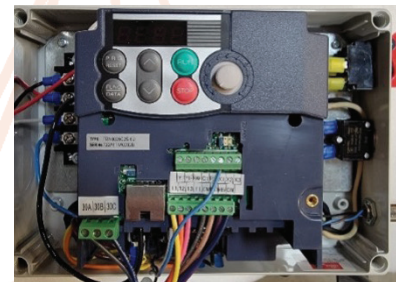
Stringent Requirements for Pugger Drives

Puggers are used to homogenize various forms of materials, remove air (deair) the entire batch, and add moisture back to the material to extrude the product in a wide array of shapes and sizes. With the growing demand to mix and extrude new and innovative products, Peter Pugger required AC drives that provide versatility and efficiency.

Peter Pugger also has a patented vacuum technology to evacuate the complete processing chamber during the mixing cycle. Once the vacuum gauge reaches the desired vacuum level, you are guaranteed deaired clay. This performance advantage further increases the requirement to have reliable, high-performance components. Specifically, the company needed motor control, speed control, soft start/stop, and remote capability.

Working Together to Delivery Features and Reliability

Fuji Electric FRENIC-Mini and FRENIC-Ace drives met or exceeded all of Peter Pugger's requirements. This has allowed them to maintain product quality, durability, and performance. As a company known to "bullet-proof" its equipment, the key criteria for Peter Pugger is reliability. With thousands of machines deployed worldwide, selecting Fuji Electric's FRENIC AC drives backed by three-year warranties made the decision even easier.





About Fuji Electric Corp. of America

Fuji Electric Corp. of America is a wholly owned subsidiary of Fuji Electric Co., Ltd., and has been responsible for sales and distribution of the company's products since 1970. Fuji Electric Co., Ltd. Began developing power electronics equipment in 1923, and is a global leader

About Peter Pugger

Peter Pugger is the world's leading manufacturer of pugmills and the only pugmill manufacturer with fully integrated capabilities. The company can provide custom die and tile shapes with precision tolerances for the ceramic industry, plasma cutting, on-site welding, and custom powder coating capabilities provide unlimited resources in equipment design and production. All Peter Pugger equipment is engineered, manufactured, and assembled in Northern California, USA.