

# XFC Electromechanical Success Application

Innovative Electromechanical Solutions from Parker Industrial Cylinder Division



## Customer Dilemma:

A provider of limestone products for commercial and industrial applications utilizes actuators to open and close gates that regulate the flow of limestone onto a belt. Functioning in extreme weather proved too strenuous a task for their current third party electro-mechanical cylinders, causing performance problems in cold temperatures that froze air lines and disabled their pneumatic cylinders.

In such demanding environments without force/current limitation their cylinders were destroying themselves.

## Solution:

The XFC electromechanical cylinder with its heavy duty steel construction and integral seals, protects its internal components from dust and extreme weather conditions.

The Compax3 Servo drive provides position and force limits while supplying performance and flexibility, with adjustable parameters and a fully programmable IEC61131-3 motion controller.

Result – No more catastrophic failure.

## Contact Information:

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## Success Factors:

- The Servo Control Compax3 drive provides force and position limits to safeguard the application equipment – one key to solving the customer's past issues.
- The XFC and Compax3's compact size allows the system to be integrated in confined areas such as a tunnel application.
- Durable, all steel construction and completely sealed body make XFC a perfect fit for harsh surroundings.
- No maintenance is required for the life of the cylinder.

## Customer Values:

- The XFC provides protection to the cylinder and the application components, reducing downtime and maintenance, keeping the customer's production line running smoothly.
- The electromechanical properties make XFC resistant to severe temperature changes in tunnel surroundings.
- Fast 4-6 week delivery time.
- The XFC is a perfect fit in limited spaces.

ENGINEERING YOUR SUCCESS.

