

Metso:Outotec

Grinding retrofits

Vertimill® door actuator

Open your stirred mill door in a controlled way for safer and more efficient maintenance



Your challenge:

Removing charge from your Vertimill® can be a slow dangerous process, even when using a ball bin and unbolting the door.

Metso Outotec solution:

A door actuator retrofit featuring:

- Hydraulically operated actuator
- Installation package

Hydraulically operated actuator

To better control your Vertimill® door during maintenance

- Allows you to safely open and close your Vertimill® within minutes, while preventing damage to your machine and its surroundings
- Designed to control door movement from 0o to 125o degrees using a variable speed joystick and/or wireless control. This allows the operator to stay out of harms way while opening the door
- Actuator is the best option when charge cannot be emptied by normal means using the media discharge valve
- Eliminates the need for connecting additional external opening equipment

Installation package

For simple setup with everything you need

- All actuators are sized for your mill and feature a symmetrical design allowing it to be mounted according to door orientation
- The door actuator system consists of an actuator arm, hydraulic cylinder, cylinder mounting beam, attaching bracket, and a hydraulic power unit with operating controls
- Components are installed onto the mill with minimal modifications



Actuator arm prior to installation



Door actuator installed on a Vertimill® 1500

Why Metso Outotec services?

- As the OEM of your mill, Metso Outotec has the expert knowledge to maximize its life
- With detailed drawings, design expertise and field service personnel, Metso Outotec's services are reliable, accurate and timely



Portable hydraulic power unit