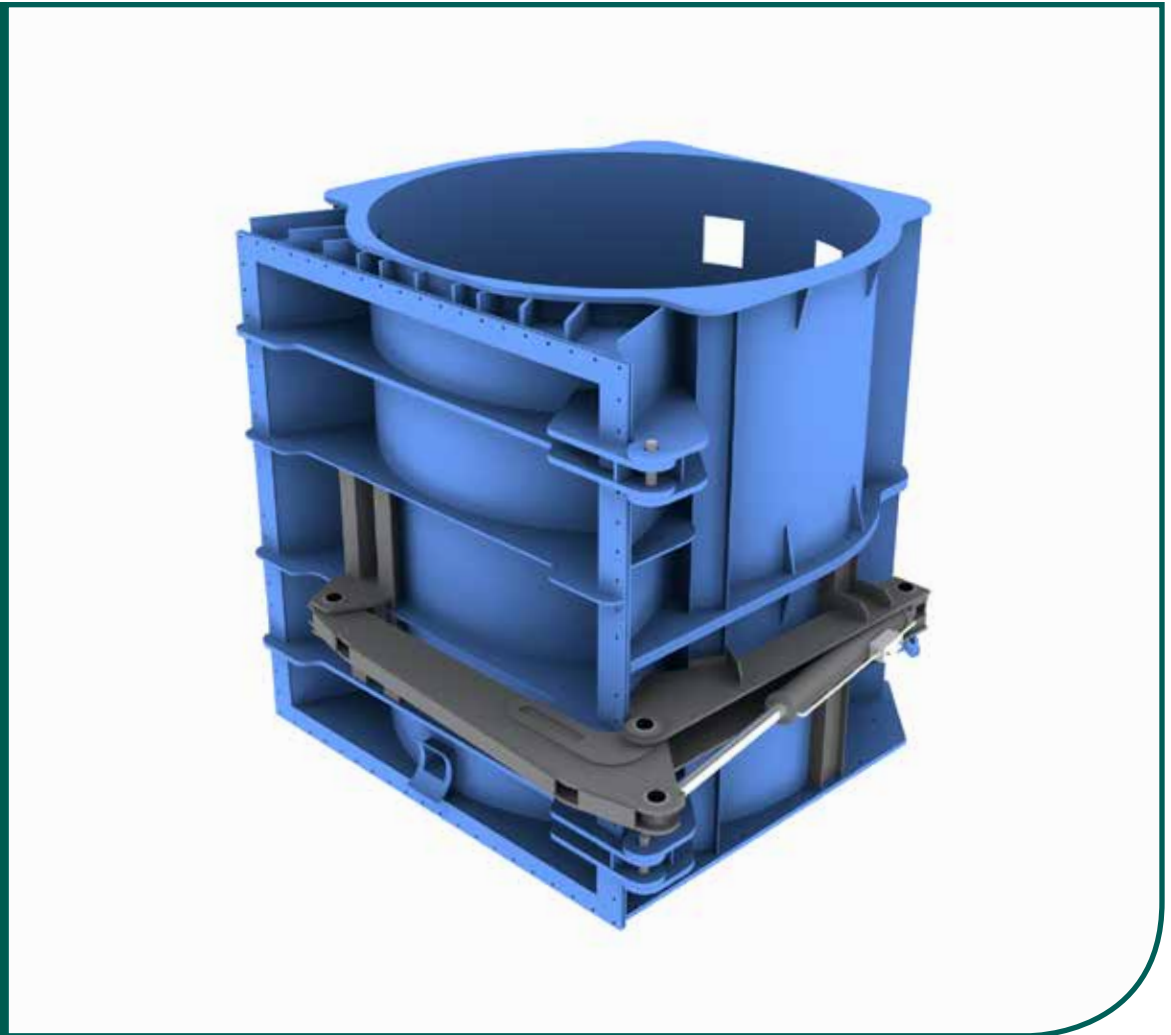


## Grinding retrofits

# Vertimill<sup>®</sup> door actuator

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



### Your challenge

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

### The Metso 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 0° to 125° 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

## Why Metso services?

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

 [metso.com/mining-services](https://www.metso.com/mining-services)



Actuator arm prior to installation



Door actuator installed on a Vertimill® 1500



Portable hydraulic power unit