

## Potash Diverting Transfer

### Industry

Potash Mining

### Application

1-on-2 inline or 90° diversion to storage for underground mine.

### Material

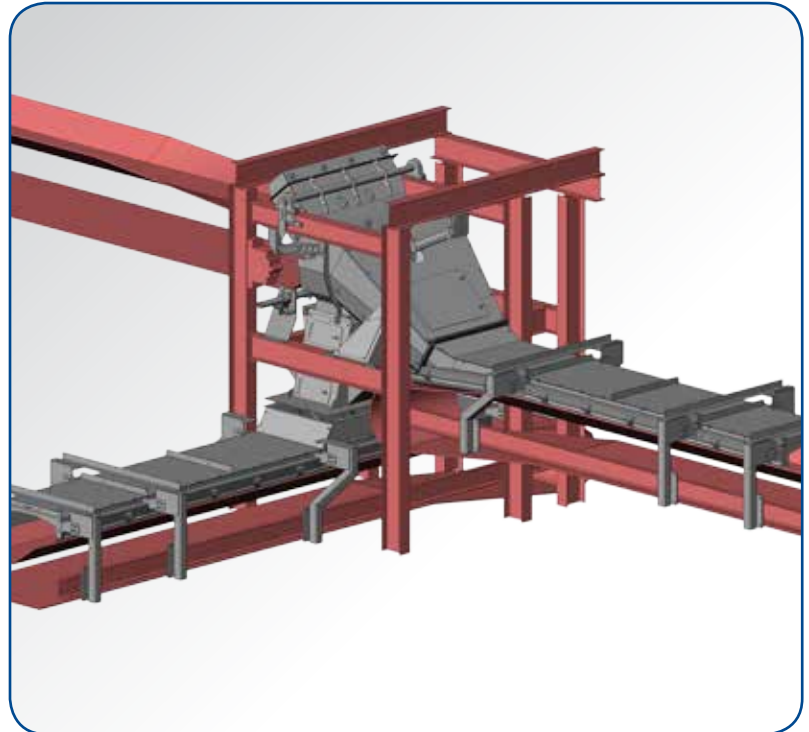
Potash Ore

### Objective

Eliminate mining shutdown during shift change

### Transfer Detail

The chute handles potash ore from 1,000 to 3,000 tph on 48" belts. The rotating hood design allows material to continue inline on the conveyor or divert 90° to an underground storage bin.



### Challenge

The potash mine was experiencing a dramatic drop in productivity every time a shift change occurred, with production curtailed while miners exited and entered the mine. This resulted in a loss of productivity for the mine operations.



### Flexco Solution

As a way to address the loss of production, the mine operators conceived a plan to allow them to continue mining through the shift change. A storage bin was created which acted as a buffer for the material handling system.

All they needed was a way to divert material to the bin. Flexco was called in to help solve their problem. Utilizing a Flexco Diverting Transfer provided the capability for the mine to switch material flow to the storage bin during shift change to keep the mining operation going continuously through the shift change.

### Result

The system has been installed and the mine has increased overall production. This has resulted in a greater overall profitability for the entire operation.