



PROCESS

This 54" (1.4m) wide [belt tripper](#) travels along a belt conveyor and discharges coal into a series of storage bunkers along the path or at the end of the conveyor.

Direct Bunker Loading: As the tripper moves along the conveyor, a position switch will stop it directly over a bunker. The tripper fills the bunker evenly on both sides until a level indicator inside the bunker tells the tripper the bunker is full. When the bunker is filled, the tripper moves on to the next bunker.

Continuous Handling: As the tripper is moving and aligning over the bunkers, it does not stop moving coal on the conveyor. While in transit, the tripper feeds coal through its center to a bunker at the end of the belt conveyor.

PLC Controlled: All movements of the tripper are automatically controlled. However, manual control is available. Level indicators signal when the bunkers are empty or full.

PROJECT SPECS

Customer:



Wisconsin Public Service Corporation

Equipment Supplied:

- Belt Tripper 54" (1.4m) width
- Stacking Conveyor - 135' 0" (41m) length
- Belt Conveyors up to 505' (154m) in length and 60" (1.5m) in width

Project Location:

Green Bay, WI, USA

Industry:

Power Generation

Material:

Coal

Project Engineer:

Stone & Webster