

## **TYPICAL SPECIFICATION**

### **MARTIN® Tailgate Sealing Box**

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To protect against material escaping down the belt and out the entry area of the conveyor, a tail sealing system shall be installed in the transition area between the tail pulley and the first fully troughed idler. This tail sealing system shall be a steel box fastened securely on the back side of the steel loading chute.

Installed on the inside of the box on the tail pulley-end will be a sealing strip that is deflected by, and in the direction of, belt motion. This strip shall provide an effective seal against material rollback without acting as a belt wiper.

On its sides, the box will be fitted with a low-maintenance, multiple-layer skirtboard seal to prevent spillage over the edges of the belt. The top of the box shall include an easily removable access door to allow the return of fugitive material to the conveyor.

The supplier of the tail sealing system will be ISO 9001 quality system certified.

The tail seal shall be a MARTIN® Tailgate Sealing Box, as supplied by Martin Engineering, Neponset, Illinois.

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