

## **TYPICAL SPECIFICATION**

### **MARTIN® Standard V-Plow**

---

To protect against material being carried back on the inside of the belt to become pinched between the belt and the tail pulley to damage the conveyor, the conveyor will be provided with a tail plow belt cleaning device.

The V-shaped plow shall be suspended on pivot arms attached to hanger bars on the belt, which allow it to float on the belt surface, self-adjusting to provide consistent cleaning pressure.

The plow shall be fitted with a durable 80-durometer SBR rubber blade that provides a two-inch (50-mm) wear life. (*Urethane blade is available*)

This tail plow will be equipped with a safety cable to prevent it from breaking loose and being carried into the conveyor to damage the pulley.

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

This tail protection plow shall be a MARTIN® Standard V-Plow, as supplied by Martin Engineering, Neponset, Illinois.

##

## **TYPICAL SPECIFICATION**

### MARTIN® Torsion Arm Tail Protection V-Plow

---

To protect against material being carried back on the inside of the belt and becoming trapped between the belt and pulleys, the tail pulley and take-ups will be provided with a belt plow cleaning device.

This plow shall be tensioned against the belt to provide adequate and stable cleaning pressure. The plow will be suspended on shock-absorbing arms that maintain effective cleaning despite blade wear and fluctuations

The blade of 80-durometer SBR rubber shall provide a 2-inch (50-mm) wear life. (*Blade of 90-durometer urethane can be substituted.*)

The tail protection plow must be securely restrained to prevent it from breaking loose and being carried back into the conveyor to damage the pulley.

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

The tail protection plow will be a MARTIN® TORSION ARM Tail Protection V-Plow as supplied by Martin Engineering, Neponset, Illinois.

##

## **TYPICAL SPECIFICATION**

### **MARTIN® Tail Protection Diagonal Plow**

---

To protect against material being carried back on the inside of the belt and becoming trapped between the belt and pulleys, the tail pulley will be provided with a plow cleaning device.

The plow shall be installed across the belt at a 45° angle to remove material regardless of the direction of belt travel.

Hung from brackets on either side of the conveyor, the plow will float on the belt's surface with the weight of the plow providing all necessary tension for cleaning.

The tail protection plow will be securely restrained to prevent it from breaking loose and being carried into the pulley. The plow shall be designed so it is impossible for metal components of the plow to contact the belt.

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

The tail protection plow will be a MARTIN® Diagonal Tail Protection Plow as supplied by Martin Engineering, Neponset, Illinois. .

##