

## **Typical Specification**

### **MARTIN<sup>®</sup> DT2S Secondary Belt Cleaner**

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The conveyor's belt cleaning system will include one (or more) secondary belt cleaners. The secondary belt cleaner will be installed to clean two to four inches (51 to 102 mm) from the point where the belt leaves the head pulley (or further back along the conveyor return at an accessible point where the belt is supported against a roller to allow effective cleaning pressure without raising the belt).

Each secondary belt cleaner will be composed of individual 6 inch- (150 mm-) wide blade segments of tungsten carbide, assembled into a unitary cleaning edge in a track on a (mild steel or stainless steel) mainframe.

For easy blade inspection or service, each individual blade segment can slide into position on the mainframe track; the entire track will slide into cleaning position on a mandrel-style framework. The track will also offer a "split construction" allowing either side of the track to be loosened or removed for easier blade service.

The cleaner will be designed to allow installation on single-direction or reversing conveyors simply by supplying the appropriate blade type.

The assembly will be held in cleaning position and maintain cleaning pressure by dual tensioners. These tensioners will allow simple vertical adjustment of blade-to-belt pressure to maintain cleaning efficiency regardless of blade wear.

The belt cleaning system shall be supplied by a manufacturer certified to ISO 9001-2000 quality standards.

The secondary belt cleaner will be the MARTIN<sup>®</sup> DT2S Secondary Belt Cleaner as supplied by Martin Engineering, Neponset IL. The cleaner will be tensioned against the belt with dual MARTIN<sup>®</sup> Air or Spring Tensioners as supplied by Martin Engineering, Neponset IL.

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*DT2S Spex /ADM/2/1/06*