

## **Typical Specification**

### **MARTIN<sup>®</sup> SQC2<sup>™</sup> 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 4 to 6 inch- (100 to 150 mm-) wide blade segments assembled into a unitary cleaning edge on a mainframe. Each individual blade segment will incorporate a tungsten carbide cleaning tip mounted on a rubber buffer or cushion that will absorb impact and allow belt splices to pass without damage. The cleaner will be designed to allow installation on single-direction or reversing conveyors simply by supplying the appropriate blade type.

The cleaning elements will be assembled onto a cartridge which in turn is mounted on a (mild steel or stainless steel) mainframe. For blade replacement, the cartridge can be slid off the mainframe with the removal of one pin.

The assembly will be held in cleaning position and maintain cleaning pressure by a tensioner. This tensioner will allow simple adjustment of blade-to-belt pressure to maintain cleaning efficiency regardless of blade wear. A lock pin will keep the tensioner in place to maintain constant tension.

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> SQC<sup>™</sup>2 Secondary Belt Cleaner as supplied by Martin Engineering, Neponset IL. The cleaner will be tensioned against the belt with the MARTIN<sup>®</sup> SQC2<sup>™</sup> Tensioner as supplied by Martin Engineering, Neponset IL.

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*SQC2 Spex /ADM/2/1/06*