

TYPICAL SPECIFICATION
MARTIN® INSERTABLE Dust Collector

The conveyor transfer point will be equipped with a dust collector system to capture airborne particles and return them to the main body of material without the use of additional dust handling equipment.

This dust collector will be installed inside the transfer point enclosure, so that it can operate without ducting or the high-powered fans required to move dust-laden air to a central baghouse.

The dust collector's integral fan will pull dust-laden air through its filter elements on the inside of the enclosure.

The dust collection system will incorporate a set of wire-frame mounted, enveloped shaped filter bags for optimum airflow and thorough cleaning. This filter system will capture 99 percent of all particles larger than one micron.

Periodic cleaning of the filters will be accomplished with an automatic reverse jet of compressed air into the filter bags. This will create a momentary reversal of air flow, inflating the filter element to dislodge the accumulated dust. The collected filter cake will return to the main material stream. The filters shall be serviceable from the clean air side of the collector unit.

A removable access door will allow access to the clean air chamber.

The Dust Collection System will be a MARTIN® INSERTABLE Dust Collector as supplied by Martin Engineering, Neponset, Illinois.

adm 3/26/07-st