



Case Study # 102

Control of Salt Dust in Snack Food Manufacturing

A name-brand snack food producer approached Verantis for a simple solution to their dust problem. During the final production stages for various snacks, salt and spice flavorings were sprayed on the product and the entrained overspray needed to be ventilated and scrubbed. The ventilation volume was small and the equipment required a compact arrangement to be located near the ventilation source.

Our packaged Mini-Scrubber (MS) proved to be the right solution. Its unique design which included a top mounted fan and side mounted instrumentation easily satisfied the space requirements and the Tellerette® Packing internals provided high-efficiency removal of particulate down to 7 microns in size. The equipment was also customized to meet specific industry requirements such as special junction boxes and coated conduit suitable for external wash down.

Product Literature: (click on links to take you to the literature)

[MS Product Data Sheet](#)

[MS-II Product Data Sheet](#)



Application	Snack Food Coating
Exhaust Volume	850 ACFM
Exhaust Temperature	Ambient
Contaminant	Salt & Spice Dust
Removal Efficiency	99% > 7 micron
Scrubbing Solution	Water
Exhaust Pressure	5" W.C.
Materials of Construction	Polypropylene