

WHO

NutraBlend Foods formulates and packages sports nutrition products including sport nutrition powders, meal replacement powders, and powders for weight loss and weight gain.



WHAT was the problem



Powder on the outside of the packaging.

NutraBlend tried to cope with this issue by having an employee each shift whose sole full-time job was to wipe down the bottles. However, due to both the dust in the air at the packaging plant and static electricity, powder persistently resettled on the bottles. Faster assembly line speeds resulted in more static. Thus the lines had to be slowed down to minimize dust.

WHERE

NutraBlend's Brantford, Ontario formulation and packaging site.



THE SOLUTION

Paxton Ionized Air System.

By blowing ionized air onto the bottles, static is eliminated and the powder is contained by a dust collection vacuum system



✓
**WHY IT
WORKED**

Powerful ionization neutralizes the static charges causing the powder to adhere to the bottles, then high velocity air propels the powdery dust into the collection system. All the powder is contained in an enclosure, operating at negative pressure to ensure that it doesn't re-enter the plant atmosphere.

FEEDBACK



"This machine works wonders!"

-Charlie Lyver, Project Manager / Maintenance Manager

"Exceptional!"

-Joe McLaughlin, Plant Manager

ROI

An immediate savings of **\$60,000 per year** as the two full-time jobs of wiping powder off static-charged bottles were eliminated and the FTEs redeployed for greater productivity.

