

Drum unloader speeds up process for baby food manufacturer

SUCCESS STORY

A worldwide manufacturer of baby food products, located in central Mexico, needed to find a more efficient and cost-effective way to quickly unload drums of highly viscous apple paste.

LABOUR INTENSIVE PROCESS

To quickly unload 208-liter drums of highly viscous (225,000 cps) apple paste, a worldwide manufacturer of baby food products, was looking for a more efficient and cost-effective way. The manufacturer's process involved adding water to the apple paste to decrease the viscosity so the material could be unloaded out of the drum with a diaphragm pump technology.

This method proved to be inefficient, labour-intensive and costly since when water is added to the material it typically needs to be removed at a later part in the process. The manufacturer searched for alternative technologies in the marketplace and discovered Graco's SaniForce piston pump drum unloading systems.

INCREASED PROCESS EFFICIENCY

The manufacturer tested the SaniForce 5-to-1 piston pump drum unloading system in their facility. The trial proved to be hugely successful; Graco's SaniForce system unloaded the apple paste without having to dilute the product with water.

Customer:	MANUFACTURER OF BABY FOOD PRODUCTS
Country:	MEXICO
Equipment:	SANIFORCE
Industry:	FOOD & KINDRED PRODUCTS
Application:	FRUIT PASTE

In addition, after the evacuation was complete, less than 1 percent residual remained in the bottom of the drum. The manufacturer was so impressed with the performance of the equipment they purchased the unit immediately.

EASY MAINTENANCE

After installing the SaniForce drum unloader, the manufacturing facility discovered additional benefits. They found the drum unloader was extremely easy to clean, with its quick knock-down design, and easy to operate. As the baby food manufacturer's business continues to grow, they will be adding additional drum unloading units and have stated they will only choose Graco SaniForce unloaders for their high-viscosity unloading.

