



Gassing & Seaming Technology



A new approach to gassing & seaming

The new PLF VGS system is designed to provide a next level solution for the modified atmosphere packaging of infant formula and special medical formula powders.

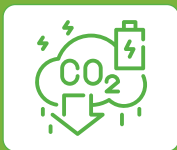
Our new patented vacuum, gassing and seaming process separates the operations of a traditional vacuum gassing seamer into two distinct stages. Firstly, air is evacuated from the filled can and replaced with an inert N₂/CO₂ gas mix before moving onto the single seaming station. All operations are carried out in a low oxygen environment to ensure very low levels of RO are achieved in the sealed can.



METAL CANS



COMPOSITE



REDUCED
(OR LOWEST)
CO₂/N₂ USE PER
KG PRODUCED



REDUCED
POWER/AIR
CONSUMPTION

LET JBT
HELP YOU
REACH YOUR
SUSTAINABILITY
GOALS





Quality Engineering

HYGIENE

- Dedicated for powder applications with 304 St.St open section frame with 316 st.st and FDA approved product contact parts.
- All surfaces are easily cleaned and are designed in accordance with EHEDG principles to ensure no bug or dirt traps.

PERFORMANCE

- Reduced complexity, easy and fast product set-up & changeover
- No use of prongs/probes to assist the gassing process.
- Single seaming head for fast changeovers.
- No powder loss through evacuation process.

SAFETY

- No Product Contamination Risk



QUALITY

- Modified Atmosphere Environment
- Sealed evacuation station, to ensure a virtually dust free zone.
- Less than 1% Residual Oxygen achievable.
- Low CO2 / nitrogen use (per kg produced).
- Powder free seams

DIVERSIFIED FOOD & HEALTH RESEARCH & TECHNOLOGY CENTERS



At JBT, we understand the new product development process. With 15 State-of-the-Art Research and Technology (RTC) centers worldwide, our specialists will work with you to achieve the highest levels of efficiency, quality, and safety.

OUR BRANDS



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We're with you, right down the line.™



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