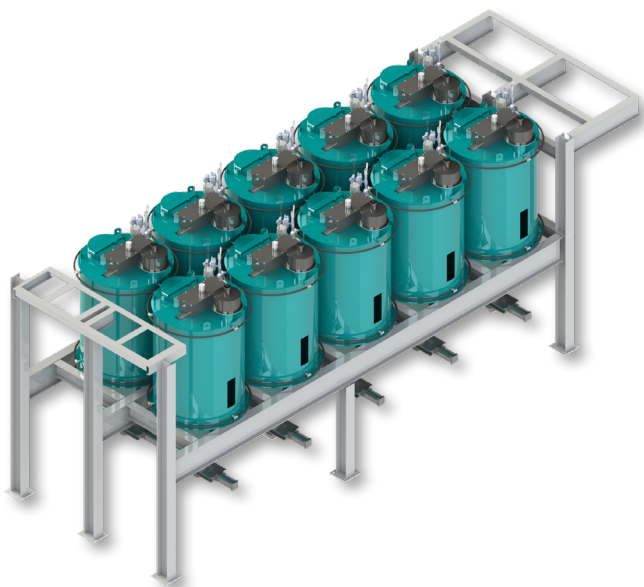




COFFEE DEGASSING SYSTEMS

SPEED UP THE DEGASSING PROCESS AND IMPROVE AROMA AND FLAVOR WITH MPE'S PATENTED DEGASSING TECHNOLOGY



MPE's **patented degassing technology** is designed to speed up off-gassing and preserve coffee freshness for capsule producers. By using specialized nitrogen treatment within a silo, the system accelerates carbon dioxide diffusion rate while preventing oxygen exposure, reducing staling.

This innovation eliminates long hold times and helps maintain aroma and flavor—delivering a **fresher**, and **better-tasting** single-serve capsule for consumers. Now available globally, it's a game-changing solution for coffee capsule production.



ACCELERATED PROCESS

Achieve significantly shorter degassing times than with untreated silos, boosting efficiency without sacrificing quality.



PRESERVED FRESHNESS

Our process eliminates oxygen exposure, preventing staling and locking in peak product freshness.



AROMA INTEGRITY

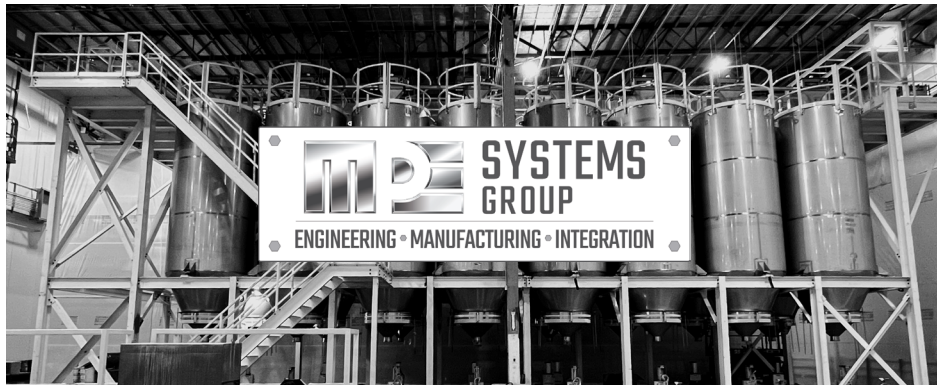
Degassing without vacuum ensures your coffee's natural aroma and volatile organic compounds (VOCs) remain untouched.



PARTICLE PROTECTION

Static storage means no movement inside the silo, maintaining consistent particle size and density from start to finish.





DEGASSING SILOS



COMMON APPLICATIONS:

- Nespresso Compatible Capsules
- K-Cup Capsules
- Film Packages without Valves

SYSTEM FEATURES:

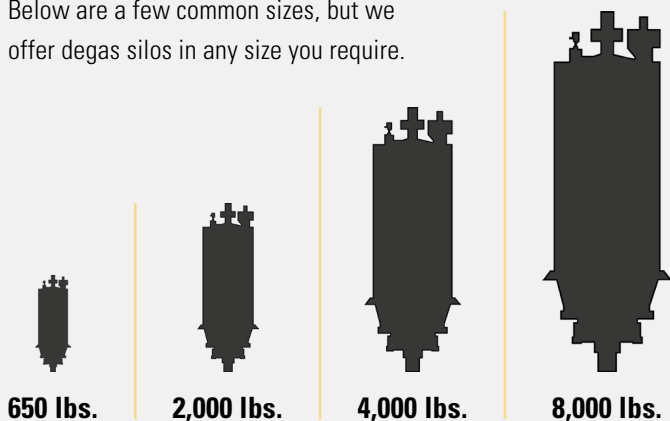
- Adjustable Gas Flow Rates & Holding Times for different roast profiles
- Hygienic Stainless-Steel Construction for food grade compliance
- Touch Screen PLC Interface for simplified and intuitive operation

OPTIONAL UPGRADES:

- CO₂ Recovery & Ventilation Systems for environmental safety
- O₂ & CO₂ Gas Monitoring for quality assurance and traceability
- Live Bottom Design for smooth and reliable product discharge

SIZES TO FIT YOUR NEEDS

Below are a few common sizes, but we offer degas silos in any size you require.



TECHNICAL SPECIFICATIONS

Capacity	1,000 – 20,000 lbs./bin
Holding Time	Adjustable from 4 – 24 Hours
Material	Stainless Steel or Mild Steel
Controls	PLC with Touch Screen Interface
Footprint	Configurable to Plant Layout
Compliance	FDA & CE Certified



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