

HVLP

HIGH VOLUME LOW PRESSURE
PRODUCT RECOVERY SYSTEM

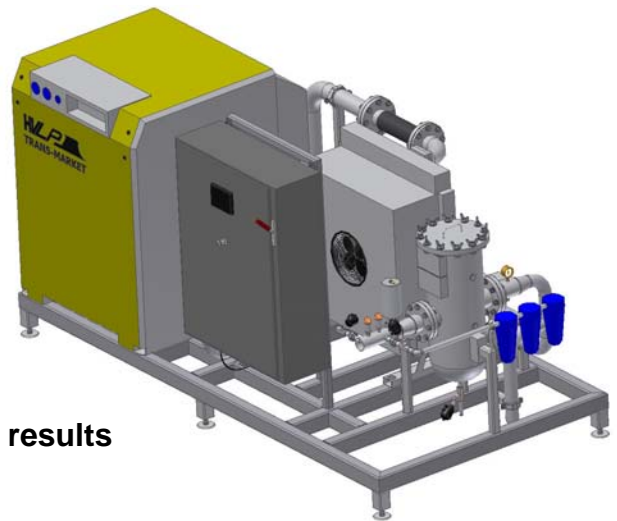
The High Volume Low Pressure (HVLP) Product Recovery System utilizes a high volume of air at low pressure to effectively clear up to 99% of product from process pipelines. HVLP optimizes traditional air purging techniques to recover more than twice the amount of product as conventional methods. This system out performs projectile pigging methods by recovering product through existing pumps, valves, instrumentation and associated equipment with minimal piping modifications while eliminating projectile safety concerns.

This proven technology not only recovers sellable product, it also optimizes CIP processes and product changeovers. CIP water savings are obtained by starting a CIP circuit with up to 99% of the product already cleaned from the process lines. HVLP also provides the ability to dry pipelines prior to starting production to eliminate interface losses. Interface losses can be reduced further by optimizing product-to-product changeovers.

HVLP Product Recovery can be integrated into new or existing process piping systems. PLC controlled modular units are pre-wired and FAT tested before shipment to facilitate a seamless installation. The purging air is filtered to 1 micron and supplied through sanitary process piping. Our product recovery systems can be integrated into all ingredient and product lines to provide a complete solution.

HVLP Systems provide the Sustainability that is crucial in today's food, beverage and pharmaceutical processing. They incorporate reduced product losses, increased production yields, CIP water savings, and reduced environmental impact, producing a cost-effective, dependable operation.

- **Reduce water usage**
- **Reduce waste to drain**
- **Recover sellable product**
- **Increase operating efficiency**
- **Reduce spills at divert panels**
- **Purge thru pumps, valves & instruments**
- **Reduce COD (Chemical Oxygen Demand)**
- **PLC controlled for dependable, repeatable results**
- **Low maintenance**



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