



ms[®] Cyclone Powder

Recovery Units

Efficiency and Reliability in Powder Coating Technology

Proven design for optimized efficiency in powder reclaim. Reclaiming over-sprayed material in the powder coating booth is vital to the efficient use of materials. The ms Cyclone Powder Recovery Unit is designed to achieve the highest efficiency in powder reclaim, ensuring contamination free recovery of material ready to be recycled back into the coating operation. The ms Cyclone Powder Recovery System provides overall system efficiency up to 97%.

The powder/air mixture is extracted from the powder booth enclosure through specially configured, self-cleaning ductwork. This design eliminates the possibility for powder contamination in the extraction duct. Convenient clean-out access ports are built into the ducting for routine maintenance.

FEATURES

- Provides up to 97% overall system reclaim efficiency
- Top-to-bottom trapezoidal cone design provides most efficient automatic cleaning and powder recovery
- Sieve-free design eliminates the potential for powder cross-contamination in cyclone
- Powder recovery pump system allows for reclaim or spray-to-waste operation
- Swing-out of lower cone for ease of access and maintenance
- Integrated vacuum cleaning unit for easy maintenance
- Cyclone capacity range: 4,000 to 28,000 m³/hour (2,400 to 16,800-CFM)

Tangential air movement within the cyclone's upper trapezoidal chamber separates the reclaimable powder from the air stream, which is then recovered in the lower cone section. The operator can then select whether the powder recovery pump will be used to return the powder for reclaim or send it to the absolute filter for waste recovery.

Provides Overall System Efficiency to 97%



Integrated Vacuum Cleaning Unit for Easy Maintenance



The brands you trust

Carlisle Fluid Technologies, a wholly-owned subsidiary of Carlisle Companies Incorporated, is dedicated to providing customers industry-leading solutions for the supply, control, application and curing of a wide range of paints, powders, sealants, adhesives and other application materials. From manual finishing equipment, to highly automated mass-production installations, the company solves customers' material application challenges through the combination of product innovation and decades of technical expertise. Focused on efficient, cost-effective global solutions for the transportation and other industrial markets, the company offers an expanding collection of pioneering product brands – BGK™, Binks®, DeVilbiss®, Hosco®, ms® and Ransburg®.

Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at Carlisleleft.com or call us today.

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