

## ENTECCO SCHLINGMEISTER 3000

Thank you for considering ENTECCO Filter for your dust collection requirements. The Schlingmeister 3000 is an exterior, modular, expandable central dust collector for woodworking with up to 13,000 CFM per module. Each module has one or two 25 hp fans located inside the clean air plenum. Each fan moves 6,500 CFM.

### FEATURES AND BENEFITS

- Fans located inside the clean air plenum reduce the amount of duct and associated static pressure.
- Less duct means lower energy consumption.
- Noise pollution is greatly reduced.
- The fans do not have a “footprint” on the ground.
- Complete control panel with motor starters, sensors, data logging, inputs, and outputs.
- One or two fans are equipped with a Variable Frequency Drive (VFD) to speed or slow the fan to maintain sufficient airflow for the number of machines in operation. This design reduces energy consumption compared to a single large fan.
- Continuous production with redundant fans.
- Explosion vents are directed upward for personnel safety.
- 81 bags per module in a 9 x 9 array (1,884 SF of media).
- 3 vibratory cleaning devices in each module operate when the fan is off.
- Rotary airlock, sprinklers, access ladder, and service platform included.
- Additional modules can be equipped with drag chain (for solid wood) or screw conveyor (for panel processing).
- NFPA-compliant
- Expandable - largest installation has 17 modules.

### WEIGHTS AND DIMENSIONS – Per Module

- 8,500 lbs empty | 14,500 lbs full
- 102” Square x 321” Tall | 8.5’ Square x 26.75’ Tall

### POTENTIAL SCOPE OF SUPPLY

- Dirty Air Duct Design and Supply
- Auto Blast Gates with controls
- Explosion Isolation and Spark Detect-and-Extinguish
- Material Handling, such as screw conveyor or pneumatic relay
- Return Air with Explosion Isolation and Seasonal Dampers
- Installation, Supervision, Start Up, Commissioning, and Training

[Schlingmeister  
Walk-Through  
Videos](#)

