

PPS easy-clean Air Classifier Mills



Ultra-fine grinding
with unparalleled
cleaning access



- Unprecedented access for cleaning
- Ideal for rapid recipe changes and hygienic applications
- Temperature control operation

As an extension of the PPS Air Classifier range of mills, the latest easy-clean models have been specifically designed to support hygiene-focused food applications and those that require fast-paced recipe changes. As with all the PPS Air Classifier Mills, they offer ultra-fine, highly controlled particle size reduction while providing the benefit of faster, more hygienic cleaning processes.

Features

- Internal classifier for fine powders
- Easy-clean design; removable components and classifier with full access to the internal surface of the milling chamber
- Typical milled particle size range down to a D50 of 10µ to 5µ

- Motor power up to 300 HP
- 11 models available in the PPS Air Classifier range, from lab through to production
- Customized to fit a variety of layouts and processes

Compliance

- USDA
- NFPA
- EU 1935/2004 and ISO 9001
- 98/37/EC European Machinery Directive
- ATEX 2014/34/EU
- PED

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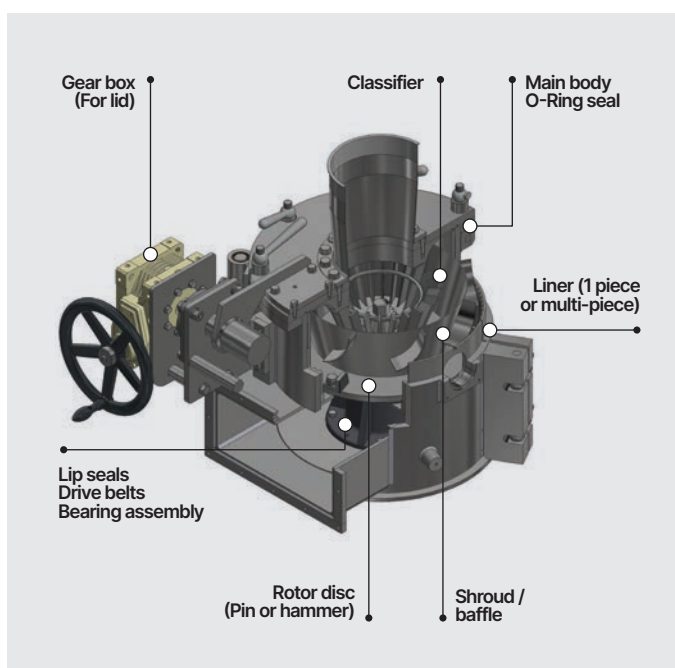
Benefits

- Allows complete and unobstructed access to the unit's internals for cleaning
- Reduces cleaning down time and prevents cross-contamination of material
- Enables faster, safer production - minimizing health risks
- Maximum control over tight particle size distribution
- Enclosed variable grind, to achieve the required fineness and adjust particle size output
- Temperature controlled grinding, for assured safety – without degrading heat sensitive material

Applications

Final granulation of material, such as:

- Dairy powders
- Powdered paints
- Sugar
- Starch
- Vital wheat and gluten



PPS easy-clean Air Classifier Mills data table

PPS easy-clean air classifier mills unit size	Rotor drive power					
	1CMT	3CMT	5CMT	7CMT	8CMT	10CMT
Motor Size (HP)	5	15	40	75	150	300
Motor Size (kW)	4	11	30	55	110	220

PPS easy-clean air classifier mills unit size	Approximate airflow					
	1CMT	3CMT	5CMT	7CMT	8CMT	10CMT
CFM	270	800	2,150	4,000	8,000	16,000
M³/hr	450	1,350	3,600	6,750	13,500	27,000