



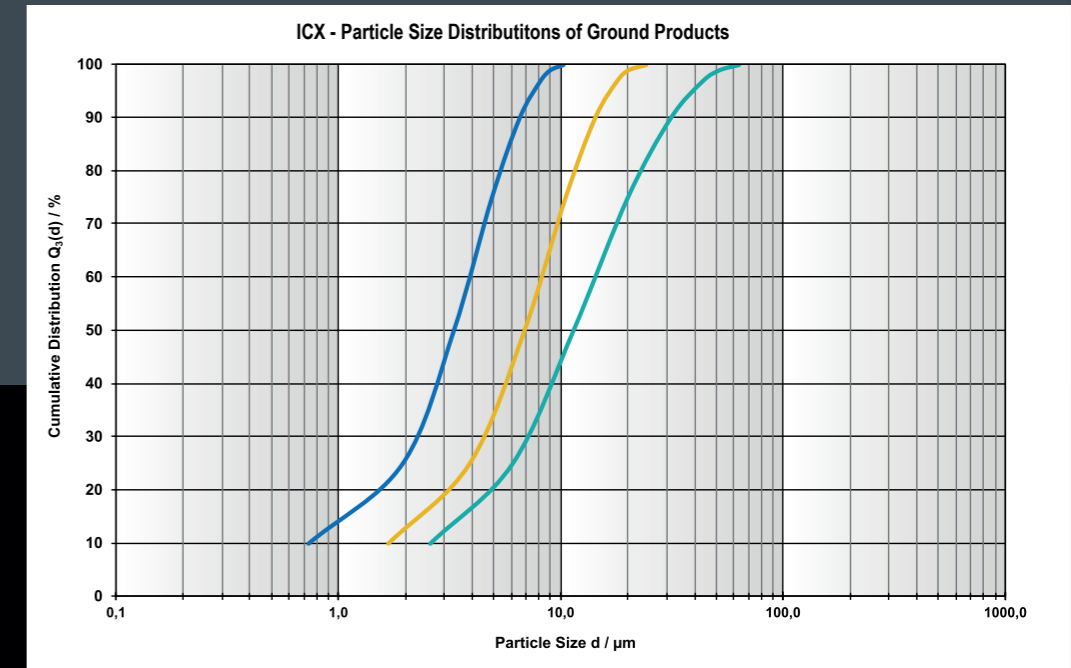
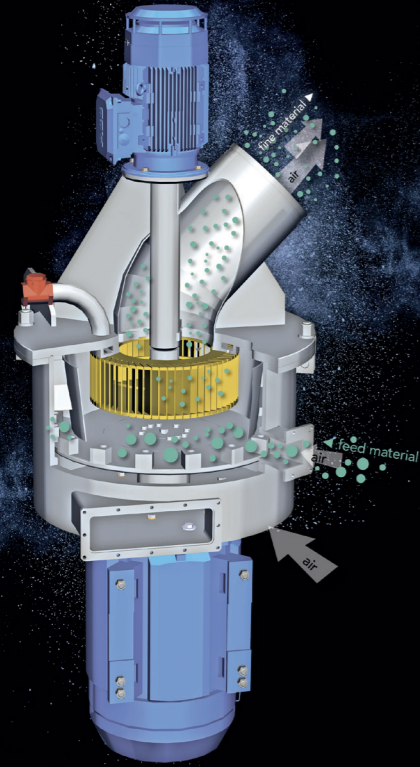
NEUMAN & ESSER



Impact Classifier Mill eXtra ICX

NEA ICX IMPACT CLASSIFIER MILL EXTRA

The solution for extra-fine grinding requirements



The diagram shows different particle size distributions of the fine material fraction

Classifier Range	ICX	min.	max.
Airflow Rates	m^3/h	100	40,000
d_{97} -Values	μm	5	50
Throughputs	t/h	0.01	20

General Description

- Combined extra-fine dry grinding and classification of brittle materials
- Particle size top cut: 5 μm to 50 μm
- Capacity: 10 kg/h - 20,000 kg/h
- Mill power: 2 kW - 600 kW
- Air Flow: 100 m^3/h - 40,000 m^3/h
- Feed product size: 0 - 10 mm
- Grinding chamber dia.: 150 mm - 2,000 mm

Key Features

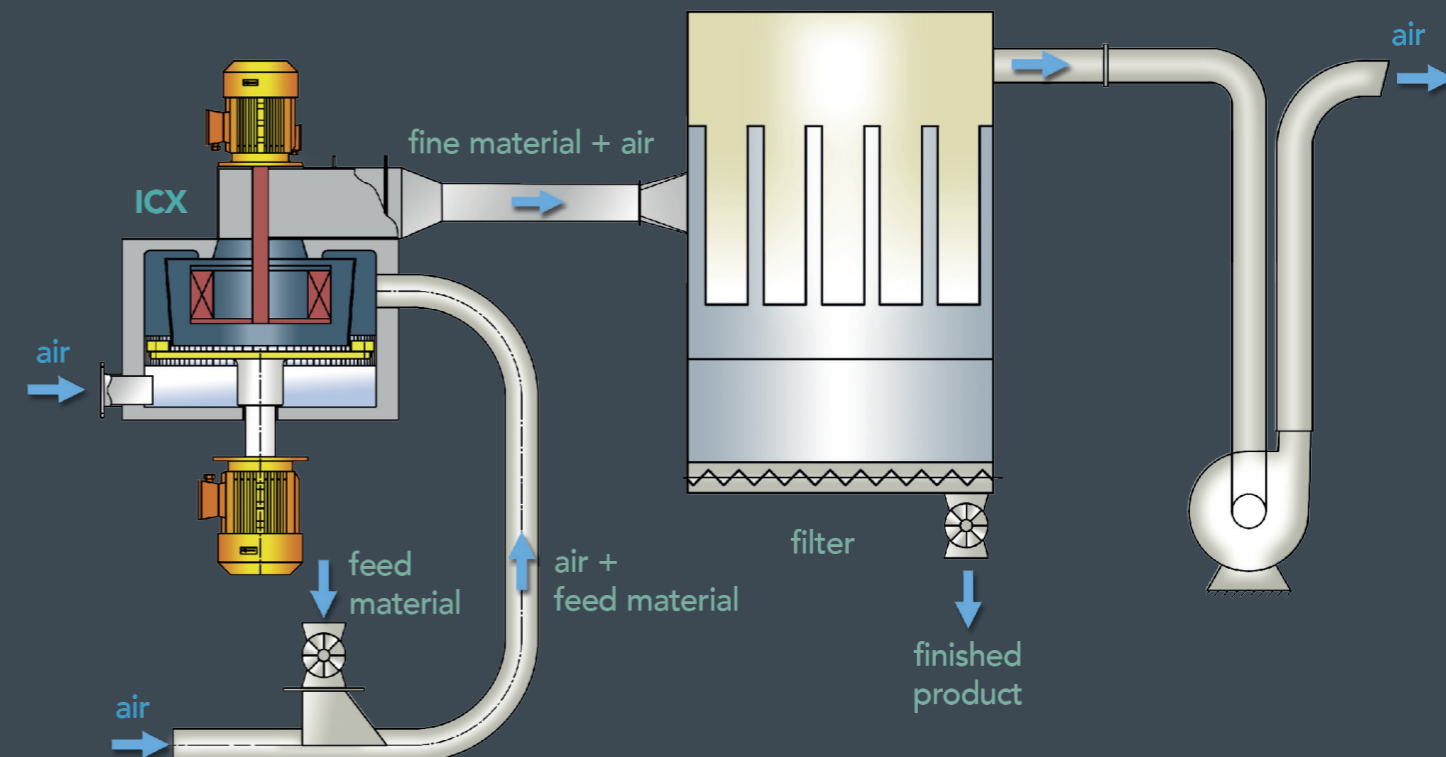
- Improved design for high performance extra-fine grinding
- Robust and durable mill housing
- Direct Drive concept
- Continuous and easy operation
- Simplified cleaning and maintenance routines
- Unique NEA classifying technology for superior particle size distribution and top cuts
- Optimized grinding chamber design

Options:

- Tailor-made wear protection
- Customized grinding tools and classifier wheel types
- Belt-Drive
- Pressure shock resistant design (PSR 11)
- ATEX compliant systems

Applications

- Chemicals: Wax, E-PVC
- Food & Sweets: Sugar, Cocoa mixtures, Eggshells
- Lime Cycle Carbonates: GCC - Ground Calcium Carbonate PCC - Precipitated Calcium Carbonate
- Performance Minerals: Graphite, Talcum, Activated Carbon
- Pigments & Paint: Organic Pigments
- Inorganic Pigments: Iron Oxide, Titanium Dioxide, Ultramarines, Carbon, Black, Recovered Carbon Black from tire pyrolysis
- and many more ...





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