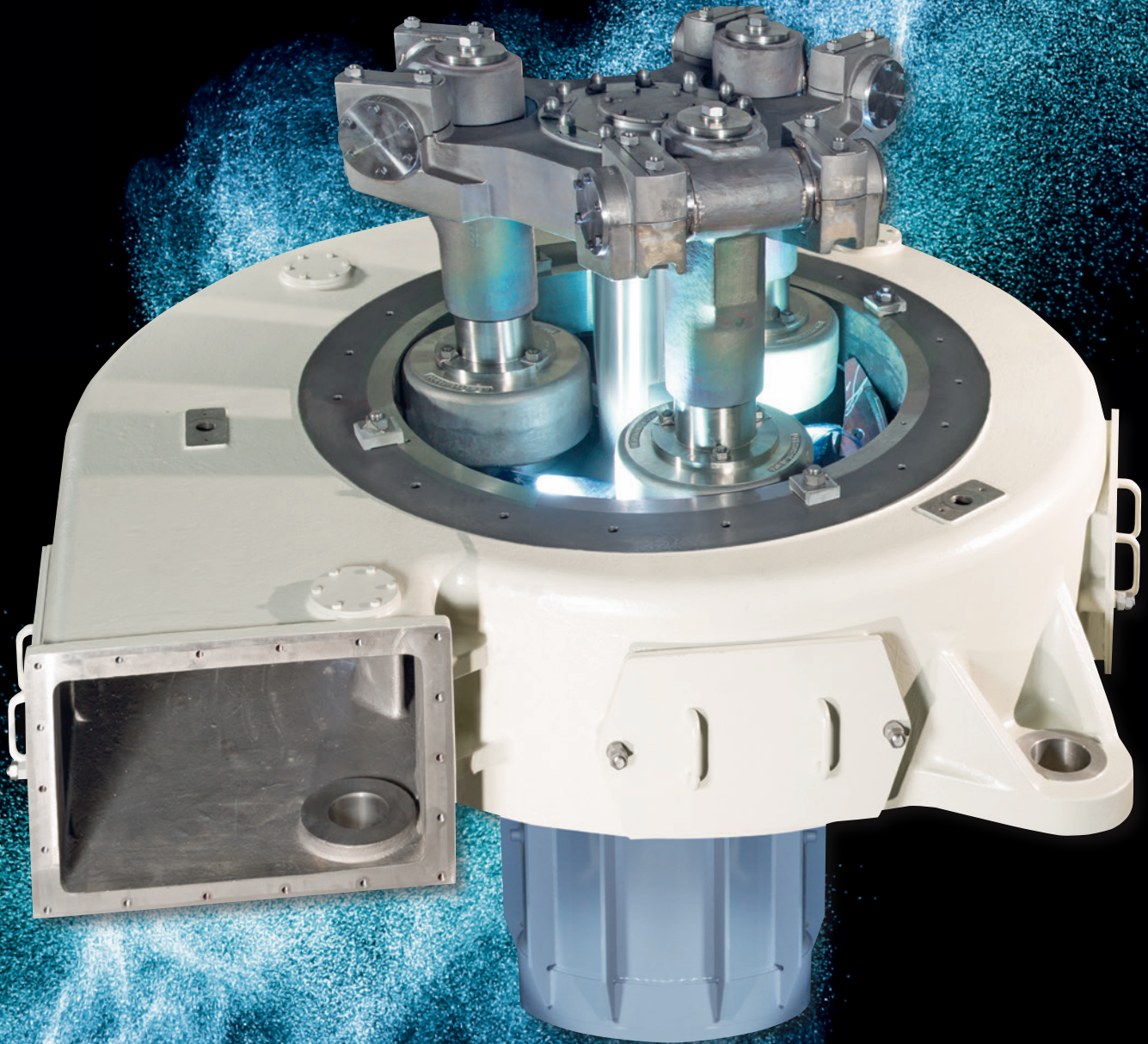




PROCESS



# NEUMAN & ESSER

Pendulum Roller Mill PM

# NEA PM PENDULUM ROLLER MILL

The robust and versatile grinding and drying solution

## General Description

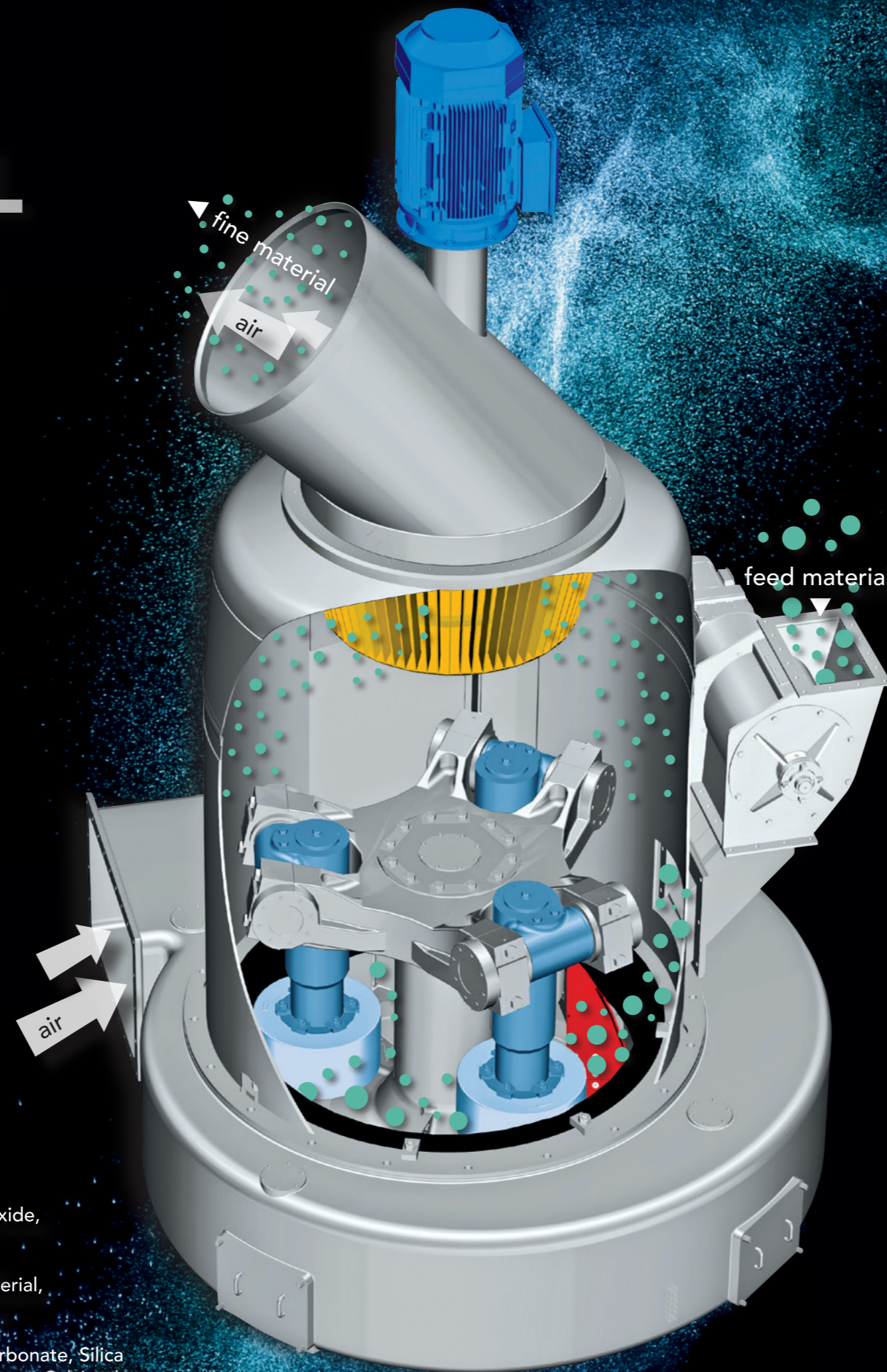
- Combined grinding, de-agglomeration, drying and classification
- Particle size top cut: 10  $\mu\text{m}$  to 1,000  $\mu\text{m}$
- Capacity: 0.1 t/h - 150 t/h
- Mill power: 10 kW - 600 kW
- Air Flow: 3,000  $\text{m}^3/\text{h}$  - 210,000  $\text{m}^3/\text{h}$
- Feed product size: 0 - 50 mm
- Feed product moisture: 0 - 35%
- Grinding ring dia.: 500 mm - 2,700 mm
- Number of grinding rolls: 1 - 5

## Key Features

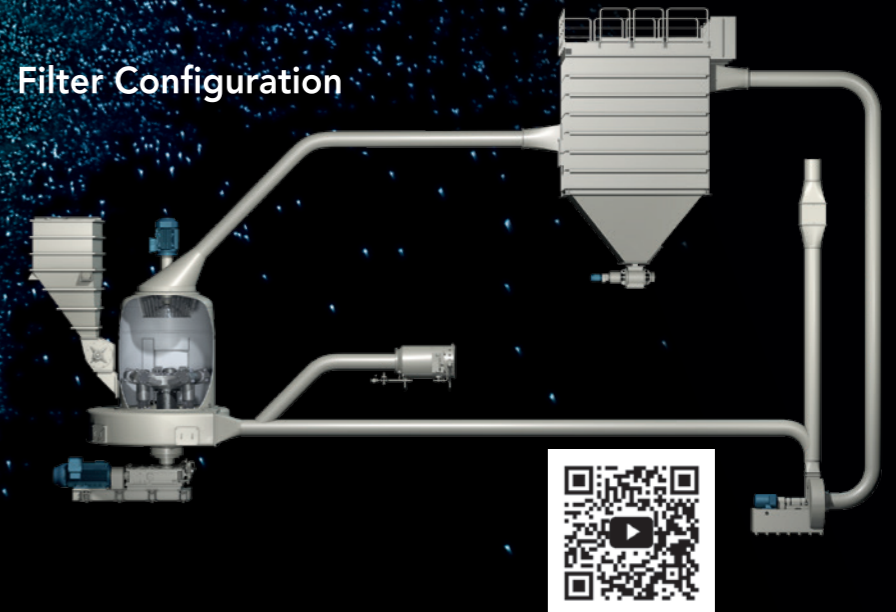
- Extremely robust and durable design, ideal for hard running applications
- High energy efficiency
- Continuous and easy operation
- Sound and vibration isolation
- Unique NEA classifying technology for superior particle size distribution and top cuts
- Options: Customized wear protection, Direct Drive for further ease of maintenance

## Applications

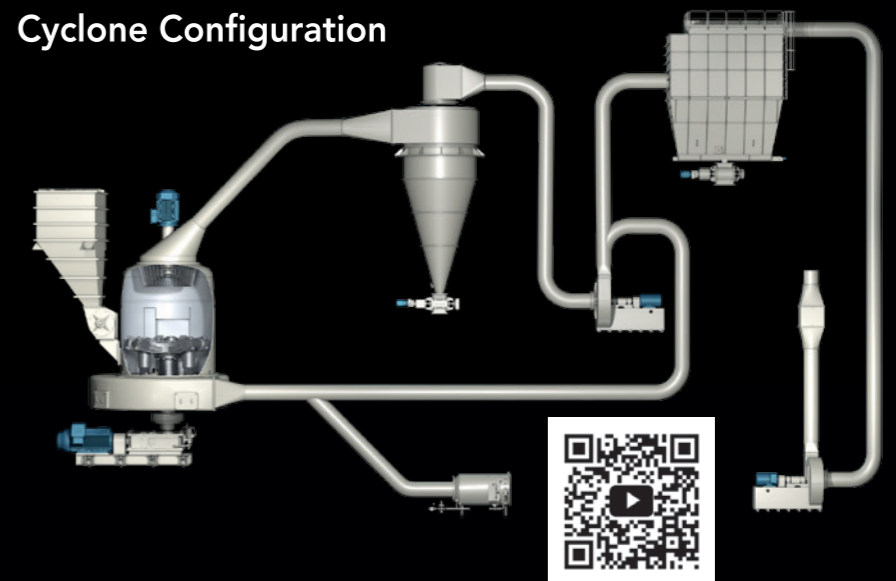
- Fertilizers: Phosphates, Sulphur, Calcium, Carbonate, Ammonium Sulphate
- Oilfield Minerals: Bentonite, Baryte
- Pigments & Paint: Calcium Carbonate, Talcum, Iron Oxide, Chromium Oxide, Titanium Dioxide, Ultramarines
- Clay & Ceramics: Tile and Roof Tile Clays, Bentonites, Kaolin, China Clay, Bleaching Earth, Ceramic Raw Material,
- Lime Cycle Carbonates: GCC,  $\text{CaCO}_3$ ,  $\text{CaO}$ ,  $\text{Ca(OH)}_2$
- Fossil Fuels: Coal, Coke/Petcoke, Lignite
- Performance Minerals: Talcum, Graphite, Sodium Bicarbonate, Silica
- Gypsum: Autoclaved Alpha-gypsum, Raw natural gypsum, Calcined gypsum
- and many more ...



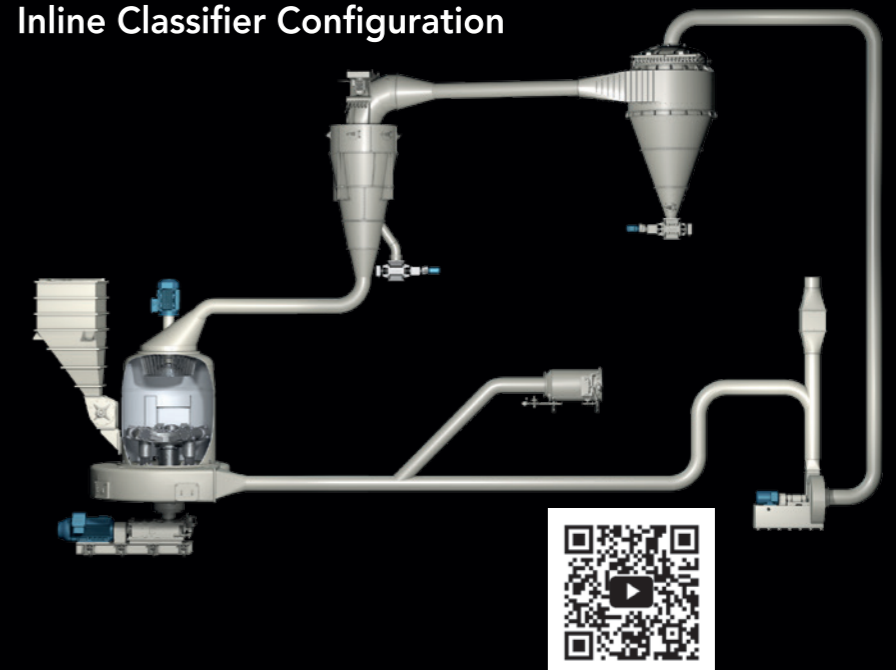
Filter Configuration



Cyclone Configuration



Inline Classifier Configuration





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