



NEUMAN & ESSER



Deflector Classifier eXtra DCX

NEA DEFLECTOR CLASSIFIER EXTRA

The extra-fine inline

General Description

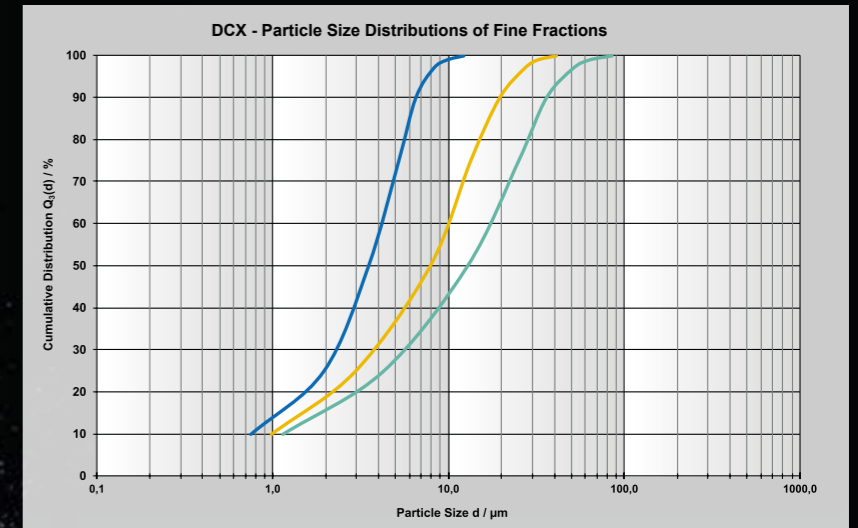
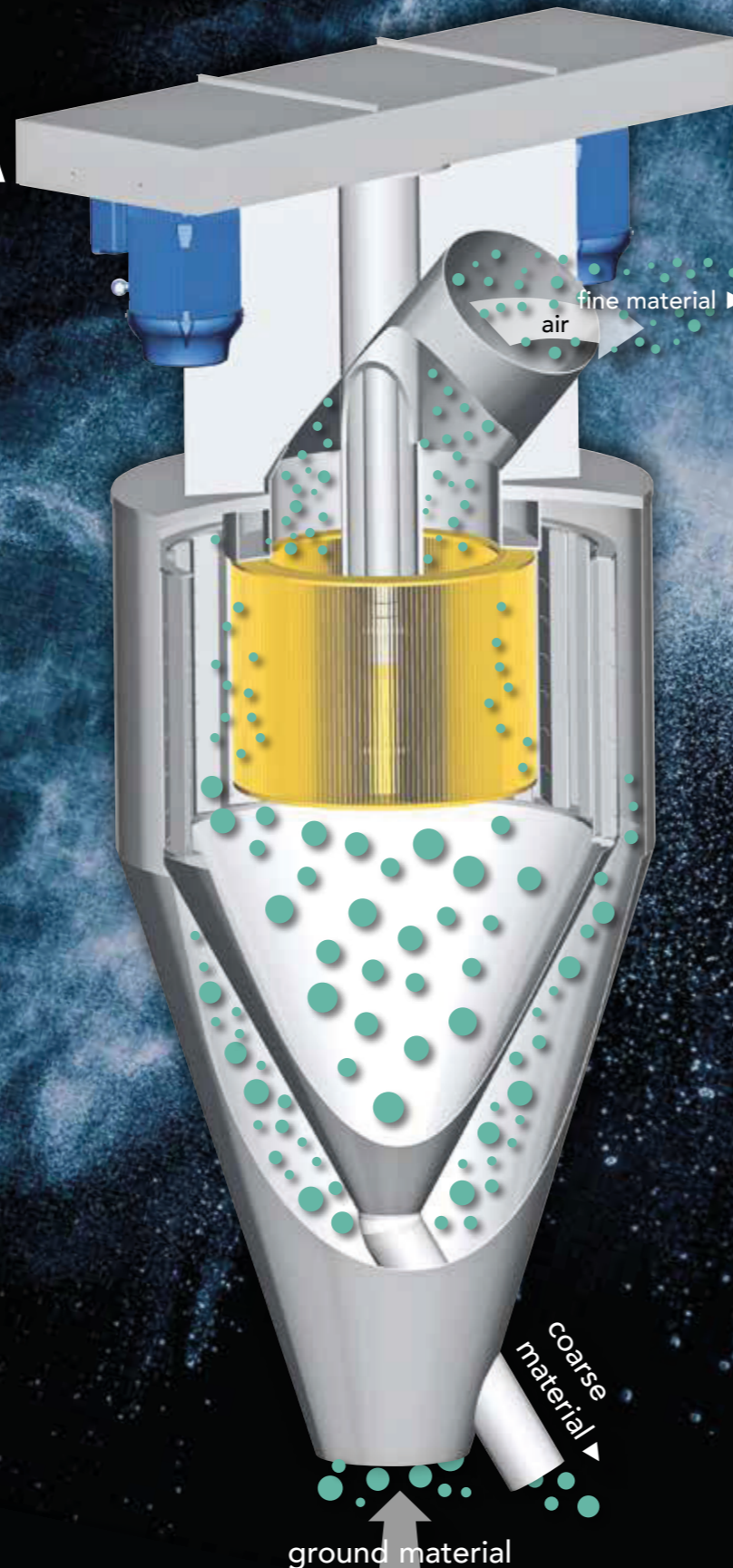
- Full process extra-fine inline air classifying
- Fine fraction particle size top cut: 8 μm - 50 μm
- Capacity: 500 kg/h - 50,000 kg/h
- Classifier power: 15 kW - 300 kW
- Air Flow: 3,000 m^3/h - 60,000 m^3/h
- Diameter: up to 3,000 mm

Key Features

- Housing designed for extra-fine particle routing
- Adjustable integrated deflection rings for optimum air and product routing
- Unmatched capacities and energy efficiency
- Exceptional yields
- Usable with full process air flow, no pre-separation required
- Well combinable with existing grinding systems (e.g. ball mills, roller mills, impact mills)
- Optional wear protection

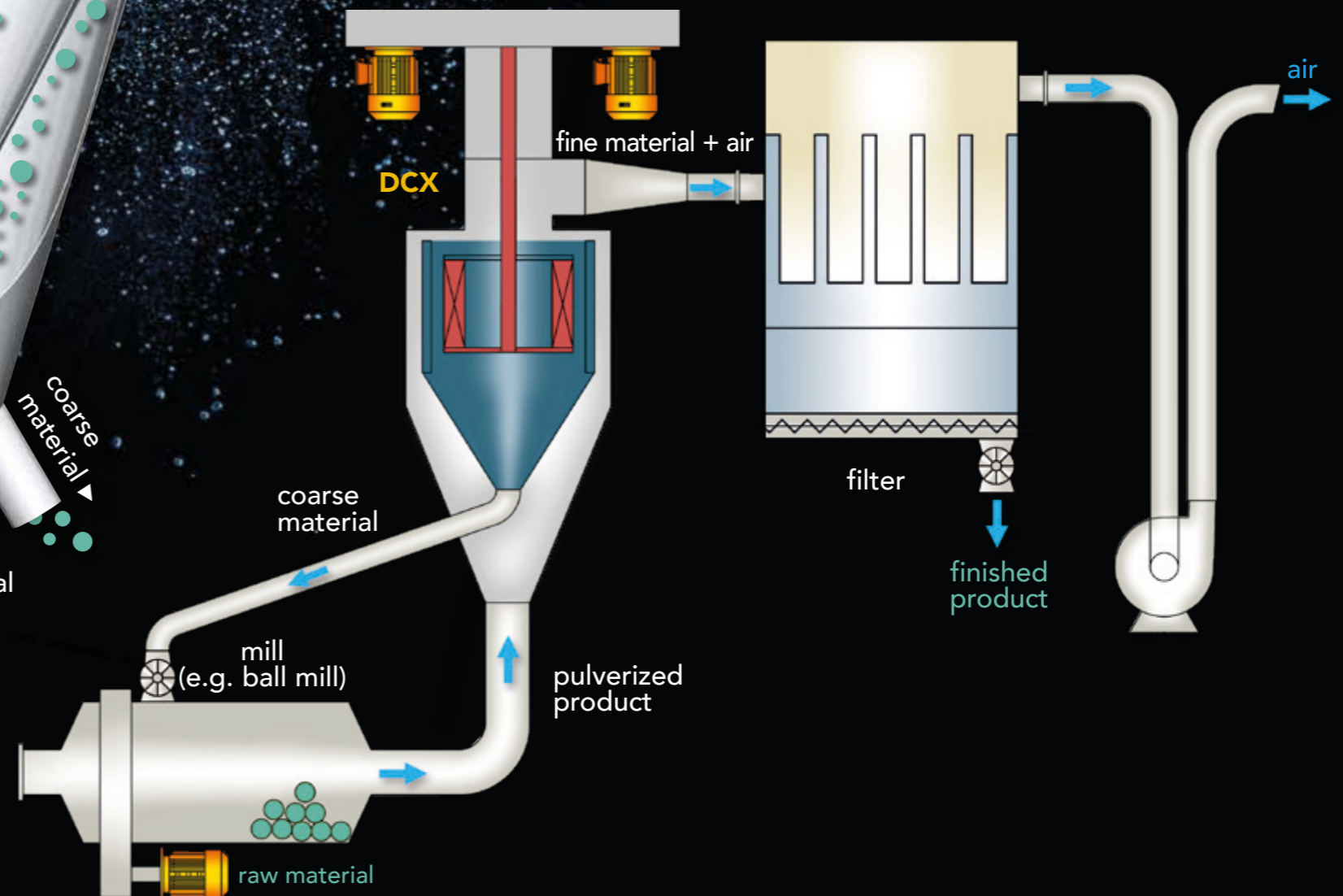
Applications

- Fertilizers
- Oilfield Minerals
- Pigments & Paint
- Clay & Ceramics
- Gypsum
- Lime Cycle Carbonates
- Performance Minerals
- and many more ...



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

Classifier Range	DCX	min.	max.
Airflow Rates	m^3/h	3,000	60,000
d_{97} -Values	μm	8	50
Throughputs	t/h	0.5	50





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