



PROCESS

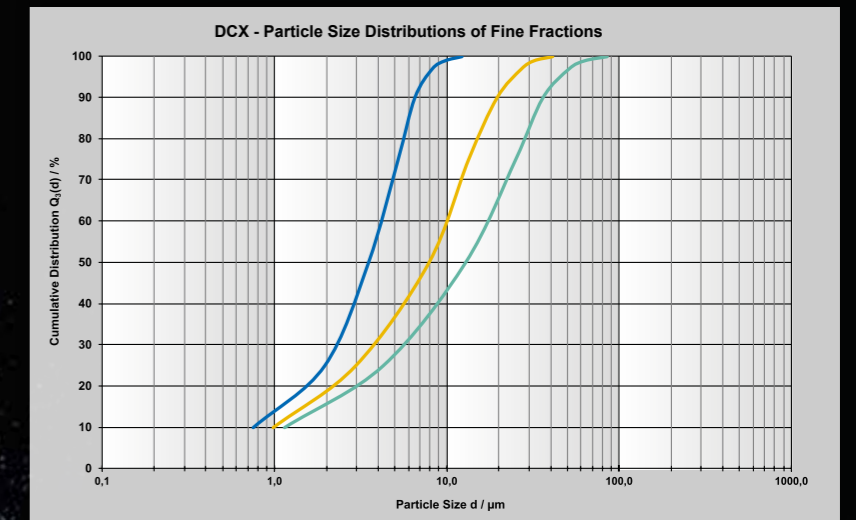
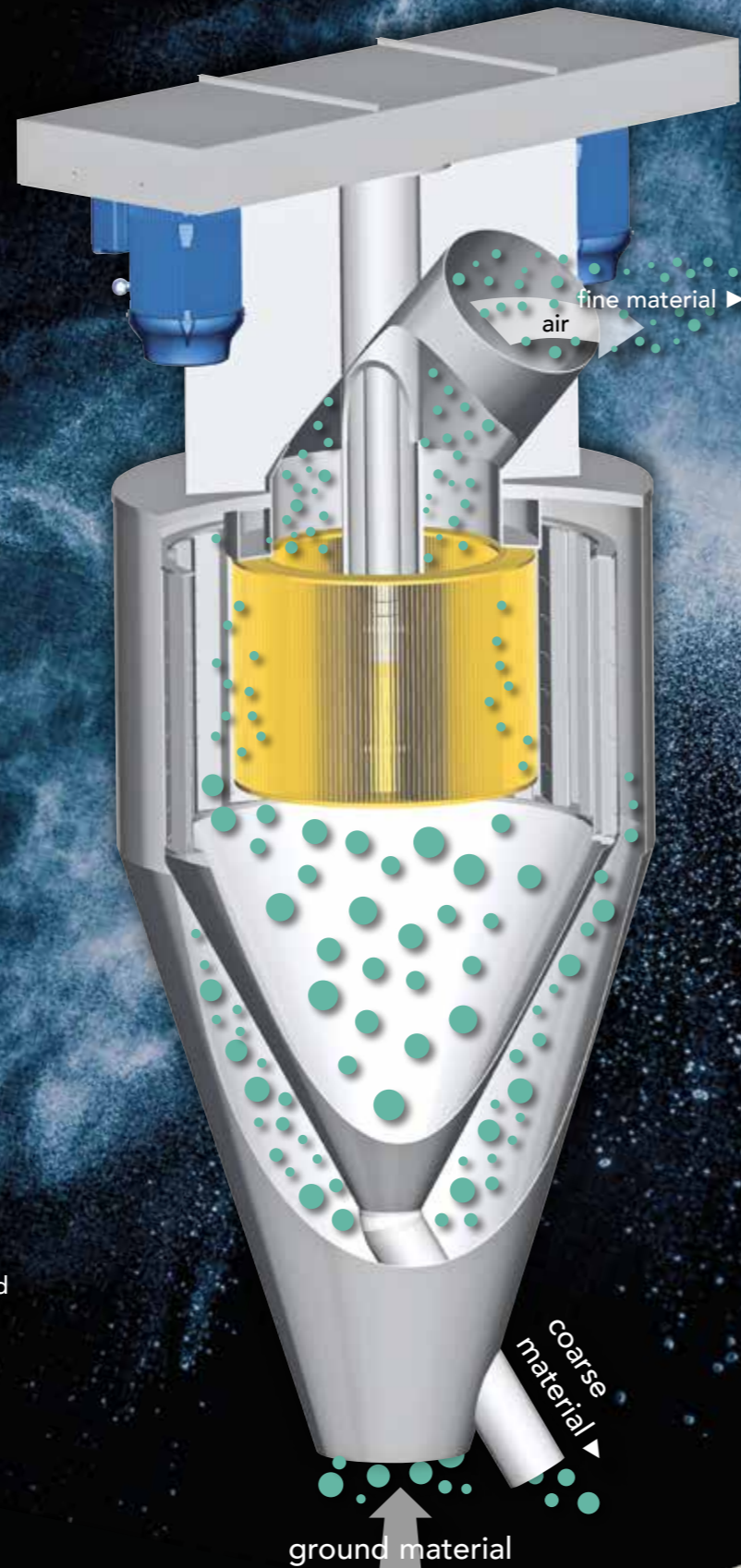


NEUMAN & ESSER

Deflector Classifier eXtra DCX

NEA DCX DEFLECTOR CLASSIFIER EXTRA

The extra-fine inline
classifying solution



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

General Description

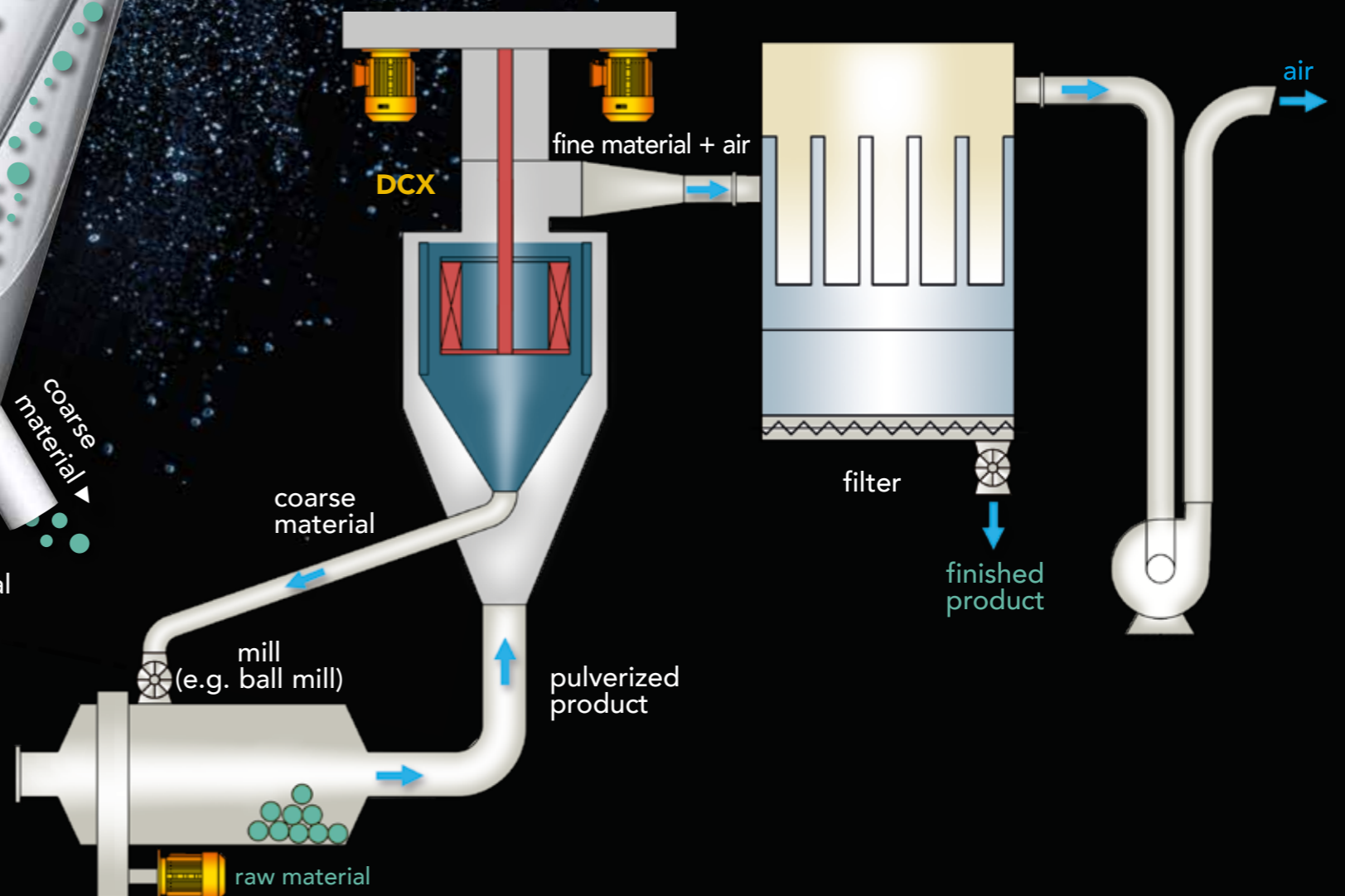
- Full process extra-fine inline air classifying
- Fine fraction particle size top cut: 8 μm - 50 μm
- Capacity: 500 kg/h - 50,000 kg/h
- Classifier power: 15 kW - 300 kW
- Air Flow: 3,000 m³/h - 60,000 m³/h
- Diameter: up to 3,000 mm

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 ...





PROCESS



NEUMAN & ESSER GROUP

- COMPRESSORS
- SERVICES
- SEALINGS
- PROCESS
- DIGITALS

Find out more @

www.neuman-esser.com
www.neacusa.com
www.neac.de
www.stasskol.com
www.hofer-highpressure.com

Headquarters

Übach-Palenberg, Germany
Phone: +49 2451 481-01

NEUMAN & ESSER

Process Technology

Global

NEUMAN & ESSER Process Technology GmbH
Übach-Palenberg, Germany

North America, The Caribbean

NEUMAN & ESSER Process Technology USA, Inc.
Katy, Texas, USA

South and Central America, Cuba

NEUMAN & ESSER Engenharia e Soluções Ltda.
Belo Horizonte, Brazil

China

NEUMAN & ESSER (Beijing) Co., Ltd. (Sales Office)
Beijing, China

Egypt, Libya, Sudan

NEUMAN & ESSER Egypt Ltd. (Sales Office)
Cairo, Egypt