



Cooling Tower Services

Your all-round partner for cooling tower solutions

nem
BALCKE DÜRR

Our expertise covers both new-built installations and comprehensive service for existing towers, regardless of manufacturer.

New-Built Portfolio

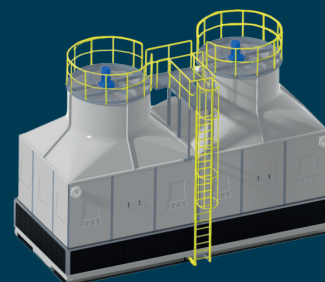
Series BDd

Counterflow cooling towers available in 15 standard sizes ranging from 8 m² to 55 m².

Nominal power output from 1.1 MW up to 7.5 MW.

The modular design enables flexible configuration and short assembly times.

Structural design according to **EUROCODE 3**.



BD-Series

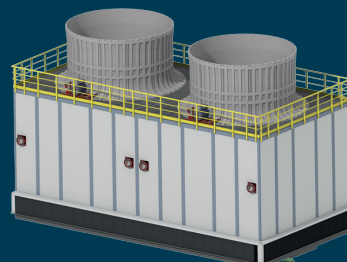
Series BDFF

Counterflow cooling towers available in 6 standard sizes ranging from 47 m² to 85 m².

Nominal power output from 6.8 MW up to 11.7 MW.

Flexible, customizable design for higher performance requirements.

Structural design according to **EUROCODE 3**.



BDFF-Series

Key Components

Geared Motors

- Efficiency class IE3 or IE4
- Power range 5 – 75 kW
- IP65 protection
- Wide range of optional accessories

Axial Fans

- GRP blades for maximum efficiency
- Configurable for site-specific water quality

Vertical Right-Angle Gearboxes

- Service factor ≥ 2.0
- Supplied with oil control unit
- Coating in accordance with ISO 12944

Motors

- Efficiency class IE3 or IE4
- IP55 or higher insulation
- Optional housing and accessories available

Service Portfolio

NEM Energy provides service and modernization for all cooling tower types – including series coolers, cell cooling towers and natural-draft towers. Our services are available for both Balcke-Dürr and non-Balcke-Dürr equipment.

Our offering includes:

- Complete cooling tower revamps
- Replacement of mechanical, hydraulic and structural components
- Design and installation of sound protection systems
- Consultation in accordance with 42. BImSchV
- Performance improvement programs
- General and customized inspections

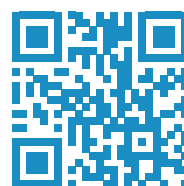


Aftermarket Services

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