



Cooling Towers

Efficient and reliable performance

nem
BALCKE DÜRR

Universal All-Rounders: Balcke-Dürr Cooling Towers

Our Balcke-Dürr cell-type cooling towers are engineered with a modular design, combining high-quality construction with flexibility to meet your specific needs. Our cooling towers are used in heating, ventilation and air-conditioning technology as well as in industrial environments and various types of power plants. With decades of expertise and a proven track record, Balcke-Dürr cooling towers set the standard for quality and performance.

Technology & Features

Wide range of cooling tower sizes

Our BD and BDFF cooling tower series consist of a total of 20 different sizes. This way we can find the right solution for every requirement.

Compliance with EUROCODE 3 Standards

- Assured structural safety with wind and snow load certification.

Built to Meet 42nd BimSchV Standards

- Ensuring environmental compliance.

Flexible Design Options

- Tailored for sound emission requirements, specific materials usage, and operational compatibility for any application and condition.

Modular Pre-Assembled Components

- Reduces on-site assembly time and minimizes impact on your operations.



BD-Series



BDFF-Series

Our Services

NEM Balcke-Dürr provides a comprehensive range of services to ensure your cooling tower systems operate at peak performance. Our offerings include:

New Cooling Tower Systems – Custom-built for your unique specifications.

Refurbishment Services – Restoring all types of cooling towers.

Performance Enhancements – Optimizing efficiency to meet modern demands.

Sound Protection Studies – With tailored implementation.

Inspections and Maintenance – Preventative care to ensure longevity.

Cleaning Services – Keeping systems at optimal performance.

Original Spare Parts – Ensuring reliability and compatibility.



Cooling Tower Type:

2BDFF54D

Rejected heat flow:

12,4 MW

Special execution:

- Steel parts are complete made of Duplex-Steel 1.4462
- Incl. FRP-basin

Scope of Supply:

- Engineering
- Static calculation
- Material procurement
- Delivery
- Assembly
- Commissioning

Assembly period: 9 Weeks



Cooling Tower Type:

3BD14D

Rejected heat flow:

5,7 MW

Special execution:

- Sound insulation for a total sound power level <90 dB (A)

Scope of Supply:

- Engineering
- Static calculation
- Material procurement
- Delivery
- Pre- & END-Assembly
- Commissioning
- Thermal acceptance test

Delivery time: 20 Weeks (PO until Acceptance test)



Cooling Tower Type:

BD42D

Rejected heat flow:

5,2 MW

Special execution:

- FRP-Platform on top of the tower
- Assembly on existing basin

Scope of Supply:

- Engineering
- Static calculation
- Material procurement
- Delivery
- Pre- & END-Assembly
- Commissioning

Delivery time: 20 Weeks



Aftermarket Services

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