

MEC – BioHeat&Power

HOLSTEBRO, DENMARK – SLAG CONVEYOR

PROJECT CASE HISTORY



Project description

The delivery included project management, engineering, manufacturing, delivery, disassembly, installation, commissioning, testing and documentation for the replacement of the wet slag conveyor and grate siftings conveyor on both boiler lines 1 and 2 for the MEC waste-to-energy plant.

Ash/slag conveyor Type 610

Dimensions and data

- Belt width: 1372 mm
- Frame width: 1716 mm
- Frame height: 2000 mm
- Conveyor style: C-30°
- Speed: ~0.5 m/min (50 Hz)

Handling capacity

- Design capacity: 4000 kg/h
- Bulk density: 1200–2000 kg/m³

Grate siftings conveyor Type 607

Dimensions and data

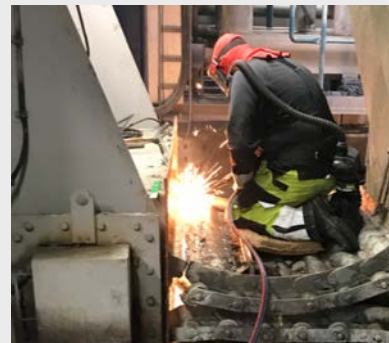
- Belt width: 610 mm
- Frame width: 824 mm
- Frame height: 1095 mm
- Conveyor style: C-35°
- Speed: ~0.5 m/min (50 Hz)

Handling capacity

- Design capacity: 400 kg/h
- Bulk density: 1000 kg/m³

Scope of supply

- Ash/slag conveyor type 610, 2 pcs (one of each boiler line, type Mayfran)
- Grate siftings conveyor type 607, 2 pieces (one for each boiler line, type Mayfran)
- Disassembly of existing conveyor and slag chute
- Installation of new conveyor and new slag chute
- Commissioning and documentation



Client: MEC – BioHeat&Power
Year: 2020

Milestones

Contract: 03-02-2020
Start on site: 07-02-2020
Hand over: 23-10-2020

Data

Fuel: Household waste
Steam temp: 522°C
Steam pressure: 79 bar

Babcock & Wilcox

Energvej 16
6670 Holsted
Denmark
Phone: +45 72 40 74 65

www.babcock.com/renewable



The information contained herein is provided for general information purposes only and is not intended nor to be construed as a warranty, an offer, or any representation of contractual or other legal responsibility.

RENEWABLE | ENVIRONMENTAL | THERMAL

Established in 1867, B&W is a global leader in renewable, environmental and thermal technologies and services for power and industrial applications.

For more information or to contact us, visit our website at www.babcock.com.

© 2023 The Babcock & Wilcox Company. All rights reserved.



PCH201-137 D23A