Established in 1867, Babcock & Wilcox is a global leader in energy and environmental technologies and services for the power, renewable and industrial markets with operations, subsidiaries and joint ventures worldwide.

Founded in 1898, Babcock & Wilcox Vølund A/S manufactures, constructs, maintains and operates renewable energy plants. The company is one of the world’s leading suppliers of equipment and technologies that turn solid waste and biomass into thermal energy, as well as turnkey solutions provider utilizing key strategic partners.

Further, Babcock & Wilcox Vølund AB provides flue gas cleaning and flue gas condensation solutions with the highest standards of performance and availability for waste and biofuel-fired installations. Being one of Europe’s leading suppliers of wet flue gas cleaning systems, the supply is often with integrated energy recovery in the form of flue gas condensation.

B&W’s Diamond Power is a globally acknowledged market leader in all aspects of boiler cleaning and ash handling. For more than 100 years, Diamond Power has consistently provided innovative technologies for power generation, oil & gas and industrial boiler designs, proven to solve the most difficult plant challenges while delivering accelerated benefits.

Dating back to 1936, Babcock & Wilcox SPIG is a global turn-key cooling systems supplier. B&W SPIG has provided customers with an increasingly extensive range of high-quality cooling towers, air cooled condensers and related services.

Fifty years of experience in bulk materials handling, and a unique level of knowledge about the physical requirements of complex material combinations have made Babcock & Wilcox, Ltd an essential partner in developing customized solutions for the bulk material handling field. A longstanding history of providing technology solutions

Integrated Solutions Provider
Babcock & Wilcox Vølund is an integrated solutions provider of renewable energy plants and services intended to satisfy our customers’ individual needs and unique requirements.

B&W Vølund is one of the world’s leading technology suppliers for converting household waste and biomass into heat and power, as well as a provider of turnkey solutions utilizing strategic partners. We supply boilers, grates, and firing systems that are designed for dependable service and long-term availability.

Global competition has led to higher quality expectations from our customers. To meet these expectations and maintain our competitive edge we have developed sophisticated, state-of-the-art equipment and systems based on changing customer needs and our continuing research and development. And as a subsidiary of The Babcock & Wilcox Company (B&W), B&W Vølund can draw upon B&W’s vast experience in supplying advanced steam generating systems, including complete emissions control and monitoring technologies.

B&W Loibl plans, designs and manufactures the full range of customer specific conveyance solutions for bulk materials of all types. This ranges from engineered technology systems for fuel-, ash-, and slag handling to entire waste/ slag valorization plants.

B&W Diamond Power scotblowers are designed and configured to meet customer needs for cleaning precision, reliability and efficiency.

B&W cooling system solutions cover a diverse array of applications including renewable and other thermal power plants, petroleum refineries, petrochemical industry, steel works, sugar refineries, food industry, district cooling, etc.
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DUNBAR

B&W delivers technical solutions from chute to stack in waste-to-energy plants. The Dunbar facility is equipped with systems and technologies from all areas of B&W: B&W SPIG air cooled condensers, B&W Loibl conveyors, a B&W Vølund AB flue gas treatment system, and B&W Vølund DynaGrate® neoprene plate in-plant grates, as well as turnkey solutions provided in collaboration with strategic partners.

The Dunbar energy recovery facility will be located at the rail-connected waste treatment hub in Dunbar, East Lothian in Scotland. The plant will treat 320,000 tonnes of waste per annum and be capable of processing different types of waste, such as residual household, commercial and industrial wastes. It will generate 30 MW of green electricity, which is enough to supply 39,000 homes, and provide local employment opportunities throughout the construction and operation phases, including 55 full-time jobs when the plant is operational.

B&W’s technology concept is based on in-house knowledge and many years of experience and provides high efficiency, availability and performance combined with a robust design to give an extended design life.

Renewable Energy: Integrated Solutions Provider

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