



IT NEVER BECOMES ROUTINE

// GLOBAL
// OFFSHORE & ONSHORE WIND

Over the course of more than three decades, companies in the BMS Group have installed thousands of wind turbines on four continents. Although it never becomes a trivial routine, it is often the same type of equipment and the same solutions that characterize such tasks.

However, we sometimes encounter inventions that make even seasoned BMS people open their eyes wide. This was the case, for example, when we first met a new modular lifting tool for wind turbine blades developed by CERTEX Danmark A/S.

The CTX Blade Gripper is developed by CERTEX Danmark's in-house engineering department. The lifting beam has the great advantage that it can be adapted to different wing types and has a working load limit of 20t. In addition to the installation of wind turbine blades, the CTX Blade Gripper can be used for repair tasks and dismantling.

Through more than 135 years, CERTEX Danmark has built up comprehensive know-how within lifting equipment, lifting applications, and related services. Today, the enterprise has 21 sister companies and locations, as well as warehouses in 20 countries.

A central part of CERTEX Danmark is the Renewables Division, with extensive experience in providing tools, products, and services to leading operators and manufacturers in the wind and renewables industry. As the company is part of the Lifting Solutions Group, CERTEX Danmark has access to manufacturing facilities in more than 100 locations in Europe, the United States, Australia, and China.

In the specific case illustrated by the images, we chose to use a Liebherr LTM 1750-9.1 800t mobile crane with a hook height of 111m and a lifting capacity of 47t.

For more than 30 years, the BMS Group has worked closely with the world's leading wind turbine manufacturers, erecting, and servicing a vast number of offshore and onshore wind turbines. Over the years, we have handled wind turbines at the erection sites and performed port handling and transportation of all types of wind turbine components. Our scope of work includes receiving and offloading turbine components, transport of turbine elements to storage, the up-end of towers

and assembly of towers on tower stands, lifting and bringing full towers to quayside or operation site, and transportation of nacelles and blades to quayside as well as operation site.

As wind turbine components are becoming still larger, we continually invest in the best and most recent versions of the largest cranes, specially developed for the efficient erection of wind turbines.

