

# WORKING WITH EXTREME Precision

Breman Machinery builds components and structures for offshore applications. The Dutch company's combination of high quality levels and short lead times is keeping its order book full. Report by David Porteous.

**B**reman Machinery has recently supplied a client in the offshore wind turbine industry with a mono pile gripper frame, measuring 30m x 30m x 30m and weighing 600t. Other newly completed projects include a 45m high onboard drilling installation and a forging manipulator, which also weighed hundreds of tonnes. Workpieces like these may be huge but customers still demand they are manufactured to very exacting tolerances.

"Our speciality is building components and machines with large dimensions," said Managing Director Henk Breman. "Yet workpieces that weigh tens or even hundreds of tonnes are made to a precision of a hundredth of a millimetre. Whatever the weight or dimensions may be, we work with high precision at all times."

"With growing demand from the offshore industry for deepwater solutions, customers are demanding parts and structures that are more difficult to manufacture. They also want quicker deliveries. But we are up to the challenge."

#### Key advantage

One of Breman machinery's key advantages is offering virtually everything under one roof: welding, turning, milling, boring, assembly, fitting, painting, corrosion protection and testing. "We have at our disposal a wide range of equipment, from CNC-controlled machines to cranes with a 250-tonne lifting capacity."

"This in-house capability makes us a strong player in this industry. As we are not

Assembling of offshore equipment



Winch drum including installation

dependent on external suppliers or contractors, we can offer a total solution without being dependent on third parties. We can react to the market quicker, and have greater control over quality levels, lead times and the whole production process. Our organisation is also ideal for mechanical engineers and plant manufacturers who want to out-source particular processing operations and use us as a subcontractor."

Breman Machinery has worked with metal for more than 150 years. A family-owned company, Harm Breman founded the company in 1864 when he started a forgery in Genemuiden, still the location of its head-




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