

Causing waves

The Marine Professional catalogues the products and services that have made an impressive impact on the maritime industry during the course of 2016

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Engine equipment

The Marine Professional is very impressed with Dellner Brakes' fully automated, electrical 'Stop, Turn, Lock' propulsion brake system, which is said to be a world first. After a disc stops the shaft, an electric motor rotates the pinion so that it aligns with the gear wheel on the disc. An electrically operated mechanically locking system locks the brake disc and shaft.

The brake needs no additional piping, making it cost-effective to install and maintain. The Swedish company opted for the system "in response to an increasing global focus on environmental issues and

a demand for smaller, flexible braking solutions," explains Marcus Åberg, Dellner MD.

Customer feedback highlights the flexibility, as clients can choose from its three components to suit their specific needs. While the brakes are fully automated, they can also be operated remotely, which gives operators the freedom to inspect the complete system, for example during maintenance and testing. Depending on system sizing, stopping torque ranges up to 900kNm, turning torque up to 600kNm and locking torque up to 1,650kNm.