

## Low drag and hardly any cavitation!

SPW GmbH presents the **VARIPROP GP 5-blade**, the new generation of automatic feathering propellers for sailing yachts.



**Now also available with 5 blades: The newcomer on the yacht market shines with smooth-running, energy-efficient performance and the thrust of a fixed-pitch propeller.**

*Bremerhaven, September 2022.* SPW GmbH announces the market launch of the 5-blade version of the VARIPROP Grand Performance (GP) and the VARILOCK shaft brake.

SPW's VARIPROP GP is the only feathering propeller in the world to feature a **GAWN blade profile**. The robust high-tech GAWN profile is characterized by its smooth running under engine power and excellent sailing characteristics. The profile grinding of the blades is carried out at SPW GmbH using precise robot technology..

**In addition, the VARIPROP GP is made of Nibral bronze.** Thanks to its durable material properties, Nibral gives the bearing, blades and housing components a wear-free life and thus eliminates the need for costly bearing replacement. This first-class material is used in all SPW feathering propellers and guarantees extremely high durability.

In a series of tests at SVAtch in Potsdam, SPW GmbH was first able to determine the characteristic curves that prove the effectiveness of the new VARIPROP GP 5-blade. Additionally, the propellers are now calculated using a program specially developed using the test results from the shipbuilding test facility, which takes into account the GAWN blade profile.

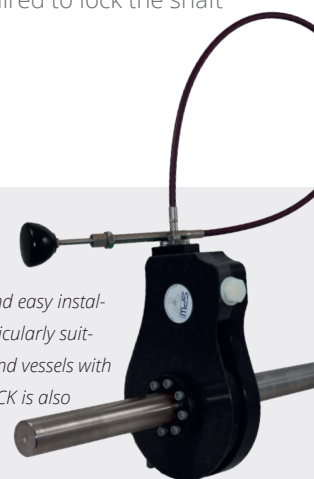
**VARIPROP GP 5-blade will initially be available in the GP-110 and GP-130 models from autumn 2022 and is ideally suited for use on sailing yachts with 30 to 150 hp. A version for tall ships is currently in development. Due to the hydrodynamic rotation behaviour of propellers with a 5-blade arrangement, the new VARIPROP GP 5-blade will only be available for shaft installations.**

The new propeller is perfectly complemented by the **VARILOCK shaft brake** from SPW, which will soon be available for shafts up to 50mm in diameter. The holding forces required to lock the shaft were determined during tests at SVAtch in Potsdam.

### Three advantages of the VARIPROP series:

1. Customized independent pitch adjustment forward and/or reverse (in fine tuning).
2. High precision through CNC-manufacturing with Soft Stop™ shock absorber, precise profile grinding of the propeller blades through robotics technology.
3. Fully assembled, pitch setting factory set according to customer-specific propeller calculation at delivery and simple easy mounting.

*The Varilock shaft brake: Excellent and easy installation on board your yacht. It is particularly suitable for our VARIPROP GP 5-blade and vessels with a hydraulic gearbox. But the VARILOCK is also an optimal addition to engines with mechanical gears and increases the longevity of all components!*





### SPW GmbH – High Level Technology Made in Germany:

SPW GmbH is a medium-sized enterprise in Bremerhaven, Germany. The company manufactures and distributes highly specialized propellers and propulsion technology for tall ships, super yachts, modern and traditional boats, both cruisers and racers. The VARIPROP is the right choice for every sailing vessel from 6 to 750 HP.

Since its founding in 1988, SPW GmbH has been internationally recognized for certified top-notch quality and diverse solutions for propulsion systems. Many years of experience in the field, sound knowledge with consulting expertise and the technical qualification of the specialized personnel characterize the SPW corporate philosophy.

**Starting September 2022, Stefan Himme will continue this tradition as the new Managing Director of SPW GmbH alongside Claudia and Jörg Adamczyk.**



Stefan Himme

#### Short profile Stefan Himme (\*26.10.1977):

- + Managing Director of SPW GmbH since September 2022.
- + Several years of experience as managing director in companies in the shipbuilding sector of Bremerhaven, mainly carrying out repairs in the commercial shipping sector. Most recently, he built a team for ship repairs in water (floating, without dock).
- + Training as an industrial mechanic and a degree in shipbuilding and marine engineering.
- + **Motivation:** Mr. Himme would like to fulfill his ambitions in the industry. The prerequisites for the implementation of the management at SPW GmbH are therefore conceivably good and suitable.
- + **Vision:** To promote the products of SPW GmbH, especially the modern VARIPROP feathering propeller, both nationally and internationally and to digitally enhance the already modern production.

*We are very pleased to have Mr. Himme at our side in the General Management.*

*We are confident that Mr. Himme will be an asset to our company.*

*Claudia & Jörg Adamczyk  
General Managers*

Further Information about us and  
our products you will find online:

<https://spw-gmbh.de>

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