

# Straatman Berthing Aid Systems (BAS)



Welcome to the innovative world of the Straatman Berthing Aid System, your ultimate solution for safe and efficient vessel docking. This cutting-edge Docking Aid System harnesses the power of advanced laser and LED technology to provide unparalleled accuracy and reliability in berthing operations.



## Advanced Technology for Enhanced Safety

The Straatman Berthing Aid System utilizes state-of-the-art laser technology to measure the distance between the jetty and the side of an approaching vessel. With high accuracy, maintenance-free lasers (class 1), our system ensures precise measurements, including distance (both Bow and Aft), speed of approach, and angle. These critical parameters are displayed on a standard PC and a large LED display, providing clear visibility for operators in both day and night conditions.

### Features:

- **Laser Technology:** High accuracy, maintenance-free lasers (class 1) with a measurement range of 0 - 300 meters.
- **Rail Mounting Options:** Versatile mounting options for seamless integration with existing infrastructure.
- **Weather Resistant:** Suitable for all weather conditions, ensuring reliable performance even in challenging environments.
- **LED Display:** Prominent LED screen visible from up to 300 meters during daytime, providing real-time data and critical parameters.
- **Size and Compatibility:** Compact design with dimensions of 2500x1200x200mm (WxHxD), suitable for Zone 1 and 2 (EX-D IIB T4 Gb) hazardous areas.

- **PC/PLC Control:** Easily controlled and monitored via PC or PLC, offering flexibility and convenience in operation.
- **Cost-Effective Solution:** Optimal performance in hazardous areas without compromising on cost-effectiveness.



### How it Works:

The Berthing Aid System operates by employing laser technology to gauge the distance between the jetty and the vessel. These measurements are displayed prominently on both a jetty-mounted screen and in the control room, providing operators with real-time information for safe and precise docking maneuvers. The LED display technology, developed by our affiliated company FactoryLab, ensures clear visibility and reliability.

### Additional Features:

In addition to our core functionality, we offer a range of supplementary features, including wireless tablet communication and sophisticated pager systems. Our integrated system expertise allows for flexibility and customization options tailored to meet the unique

requirements of each project. We thrive on challenges and welcome the opportunity to collaborate on innovative solutions for your berthing needs.

**For more information or to discuss your project requirements, please contact us.**