

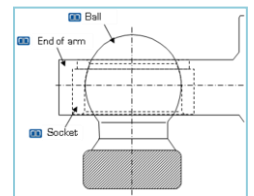
Customised docking solutions for **utmost customer satisfaction**



What is the DualDocker?

The DualDocker is an innovative docking system for motor and sailing yachts. It replaces conventional systems, like moorings, fingers, piles, bow anchors and buoys.

The DualDocker consists of two stainless steel arms, which are firmly attached to the pier (fixed or floating structures) and interface with the stern cleats of the yacht (ball cleat adapters or exchange combi-cleats).

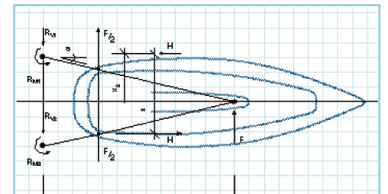


How does the DualDocker work?

The arms with high damping capacity are holding the yacht in place, thereby **eliminating kinetic energy** created by wind and waves. The yacht lies **calm and stable** at her berth.

The DualDocker forms a stable prism with the yacht; lateral forces are reduced to a minimum.

In stronger winds, the use of DualDocker spring and diagonal lines is necessary.



Which yachts is the DualDocker suited for?

Big and heavy yachts: The DualDocker 'XL' can manage single-hull yachts up to 65' in length and 35 tons of gross weight as well as multi-hull yachts up to 80' in length and 45 tons of gross weight.

Small to medium sized and lighter yachts: The DualDocker 'Standard' is suitable for single-hull yachts up to 50' in length and 15 tons of gross weight as well as for multi-hull yachts up to 65' in length and 20 tons of gross weight.

How does the DualDocker perform?

Denmark: Winds up to 22 m/s (80 km/h). The DualDocker has been securing a 35' yacht in that area exposed to very strong winds since October 2008.

Spain: Marina without breakwater, southerly thermal winds and a 15 km fetch. The DualDocker has successfully been operating since February 2009 (two 35' and one 43' flybridge yacht). Owners are convinced.

How could you benefit from the DualDocker?

Innovation

- ✓ The DualDocker is an innovative state-of-the-art docking system
- ✓ Implanting the DualDocker means creating a new, modern marina image: No piles, no fingers, no buoys, no mooring

Fields of use

- ✓ The individual solution: For yacht owners, who want to equip their berths with a customised docking system. Virtually every space can be upgraded with the DualDocker.
- ✓ The forever flexible, overall solution: New piers with embedded track or groove allowing for a row of DualDockers - easy to install, easy to move, easy to adjust – for utmost flexibility at low initial investment costs.

Increasing your occupancy rate

- ✓ Attracting new customers: With the DualDocker you can add a cutting-edge to your services which may make customers decide for your marina.
- ✓ High customer satisfaction: Offering the possibility of a whole new experience of docking means happier customers.
- ✓ Gaining sellable space: Where y-booms; mooring or piles are not an option due to limited space or a deep harbour bed, the DualDocker is a great alternative.
- ✓ Docking with the DualDocker instead of alongside creates up to 400 % more sellable space.

Cost effective marina extensions

- ✓ Low investment costs: Laying the foundations for a DualDocker pier is the most effective and forever flexible, yet most economical solution. The actual system can be part of the selling/renting contract.
- ✓ No mooring and no piles results in no impact into the underwater world: With the DualDocker, costly under water installations of anchors, piles, concrete blocks and moorings becomes obsolete.

Attracting, satisfying and retaining customers

- ✓ **More convenience in the marina**
A better time on board - day and night: Less rocking, less rolling, no squeaking rope noises. No more collisions with the pier or neighbouring yachts, even during stronger winds. Fixed, customer-defined distance stern-to-pier makes boarding and disembarking easy.
- ✓ **Clean, simple, safe, independent and stress-free docking**
No fishing for dirty, mussel-infested moorings, easy, quick positioning, a simplified docking manoeuvre while staying on board: No jumps with ropes, no rope-throwing, no shore-side assistance required. Easy, quick departures: No danger of ropes damaging propellers, no piles in the way.
- ✓ **Individuality & design**
Berthing spaces can be equipped with the customised DualDocker to perfectly match the precious yacht - colour, logo and special finishing are possible.
- ✓ **Safety during a storm**
Minimised kinetic energy means less stress on cleats and – with the system's high damping capacity - keeps the yacht more stable. In stronger winds and waves, the use of DualDocker spring and diagonal lines is necessary.
- ✓ **Security**
Effective theft protection: Saltwater resistant padlocks avoid unauthorised untying & reduce the risk of theft.

Environment

The DualDocker ...

- ✓ ... stands for minimal impact: Anchors as well as under water installations of concrete blocks and moorings becomes obsolete.
- ✓ ... is ideal for rivers, lakes and the sea

Alternative Solutions

The DualDocker ...

- ✓ ... is ideal for tight harbour beds: No obstacles are in the way of through traffic. Where fixed installations, such as fingers, are not wanted, the DualDocker can turn an otherwise non-useable space into a sellable berth.
- ✓ ... can be the solution for deep harbour beds: Costly installations of piles and moorings can be avoided.
- ✓ ... eliminates the problem of frost damage: The system is suitable for temperatures between -30° C and +70 ° C. A thick coat of ice does not affect the performance of the DualDocker.
- ✓ ... compensates differences in water level up to 4 m: The yacht always lies stable at her berth.
- ✓ ... is an alternative to docking alongside: Docking with the DualDocker instead of alongside creates up to 400 % more sellable space

Please contact us for further information.