Engineering and Machinery for Dry-Stacks Storage

The optimal hoist equipment considers 1 stacker crane and 2 boat launchers per dry-stack for a rapid delivery solution

Main Goals:

- **Semi-Automated** Machinery: reduction of the human element in maneuvers
- **Rapid deliver** in two steps: shorten operating time (less than 3 minutes delivery per boat)
- **Eco-friendly** Drystack System: silent and less footprint facilities (using non polluting electric power)
- Better **efficiency** per sqm: CAPRIA Machinery needs a corridor width equal to the biggest boat length the client want to store + 2 meters.
- Less initial investment because CAPRIA Machinery **doesn't need concrete floor**
- Free ground floor for parking or amenities (if it is required)

How it works:

- This System is based in two mechanisms working in line, so it can carry out between 20 and 30 launches per hour.
- The crane operator receives a message from the boat owner (or Marina Administration)
- The stacker crane takes the boat from the berth and put it onto a launcher
- While the launcher delivers automatically the boat to the water, the stacker crane can take another boat
- The optimal solution consist of 1 stacker crane and 2 launchers per dry-stack (within 250/300 boats aprox)
- The delivery is so fast that whereas the boat's owner parks the car, the boat will be ready in the water

CAPRIA STACKER MACHINERY