

# Building (two) better Mini Maxis

They are not only building (eight or more) Volvo Ocean 65s down at Persico Marine's substantial modern facility in Nembro

At the beginning of August Persico Marine delivered the fourth hull of the new fleet of Volvo Ocean 65s with hull number 5 already well advanced. Meanwhile, Marcello Persico, managing director of Persico Marine, has also recently signed two prestigious new contracts for 72ft custom raceboat designs, for sistership Mini Maxis *Rân V* and *Chrisco*. 'For Persico Marine a new chapter begins,' explains Marcello, 'since with these two Mini Maxis our main point of contact is the final owner.'

The new *Rân* has been designed as was the team's previous boat by Rolf Vrolijk, with the decision to award the entire build contract to Persico Marine being based largely upon the added value that the *Rân* team identified in terms of service. That the Persico Marine team also now includes some of the best boat-builders available on the international market also played a part in the choice of yard for the *Rân* project.

'For clients like these,' says Marcello, 'Persico Marine can offer an unusually integrated service, from tooling through to fit-out and final painting, which in turn delivers speed and economy together with excellent quality.'

Persico Marine now boast 6,000m<sup>2</sup> of enclosed build space – more than enough to allow the two new Mini Maxis to come together alongside the company's ongoing VO65 output. The same female mould tooling will be used for both *Rân* and her sistership *Chrisco* which also leads to some useful build economies – even for these top-end programmes.

*Rân* is the goddess of the sea in Viking mythology, while *Rân* Racing is a well-established professional team active on both the TP52 and Mini Maxi circuits.

'In the past,' concludes Marcello Persico, 'the *Rân* team has shown a willingness to bet on the most advanced technology possible. Hence the demands placed on us by this winning team will only further drive up the quality level here – which is already of a very high standard in terms of our current output.'

## Facilities and equipment

In its purpose-built 6,000m<sup>2</sup> Nembro facility Persico Marine offers a wide range of technical facilities including:

- Large modular ovens for the curing of large shells
- A permanent large vacuum table for flat part construction (dimensions up to 9x4.5m)
- Autoclave (dimensions up to 2.6x7.2m)
- Three 5-axis milling machines (dimensions up to 25x7x3m, 17.5x6.5x2.5m and 8x4.5x2m, respectively)

This and other onsite state-of-the-art equipment enable Persico Marine to produce the most advanced yachts speedily and efficiently, while always ensuring the highest levels of finished accuracy.

The Persico Marine facility has also recently received Germanischer Lloyd approval, regularising traceability and quality control during manufacture and delivery.

## Other technical resources

Persico Marine's engineers and technicians offer experienced co-design support, as well as proficient design and engineering for all of our clients' marine projects. Persico Marine can develop technically advanced and properly integrated solutions ensuring:

- Construction specifications that meet all special requirements



**Top:** Persico Marine built the hulls and many of the other major components for Italy's Luna Rossa's reliable and stiff AC72. **Above:** final CNC machining in Persico's expansive facility of the plug for the female hull moulds for the new Volvo VO65 fleet

- Full compliance with the construction schedule
- Reliable cost estimates
- Industrialised production processes
- The highest product quality
- In-house access to all the latest 3D CAD systems including Unigraphics, Catia, Alias, Personal Design, Proengineering and Omnicad

## Reverse engineering

Some projects may need the creation of new custom components to precisely match existing parts, requiring accurate reverse engineering. To ensure a perfect match between new and existing parts Persico Marine uses multiple technologies for its control and testing operations, including the creation of new 3D files to complement the original element where appropriate.

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