

DAMEN



Damen Shipyards Antalya

Marko Paš

business development manager

Damen Shipyards Antalya



- Production of **COMPOSITE PROFESSIONAL** vessels in Antalya freezone, based on Damen **QUALITY** and **COST** leadership
- Main customers **HSC** and **Ferries**
- **100%** owned by **Damen Group**

Damen Shipyards Antalya

Achievements so far in TWO years:

- **30 vessels per YEAR, four types**



- **Moulds production**
- **Composite engineering**
- **Full production supportive activities**

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Damen board entrusted us to start DSAn II operation



DSAn I



DSAn II

Damen Shipyards Antalya

- Fully climatized to ensure product quality
- High level skills of workers and facilities
- Fully equipped for serial production and cost Leadership
- Dutch management and Damen knowledge to ensure Damen quality



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To Become Cost-leader in composite building we needed:

Melting Pot of Knowledge

**Combination of internal
and external knowledge**



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SERIAL PRODUCTION (DSAn PHILOSOPHY)

ONE platform → multiple versions (FCS, Patrol, Pilot)



STOCK platforms →

shorter delivery time



COMPOSITE STRUCTURES in Damen's production

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COMPOSITE KNOWLEDGE CENTER

- 15 years experience in **serial engineering and production**
- 15 years experience in **building composite** structures
- Experience in **tooling design and production** (moulds)
- Collaboration with world leading **structural engineering experts**
- Composite **global suppliers base**



COMPOSITE STRUCTURES in Damen's production

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COMPOSITE ENGINEERING



- **Composite 3D design & 2D engineering**
- **Production engineering**
- **DSAn Project management** (dedicated to quality and production time)

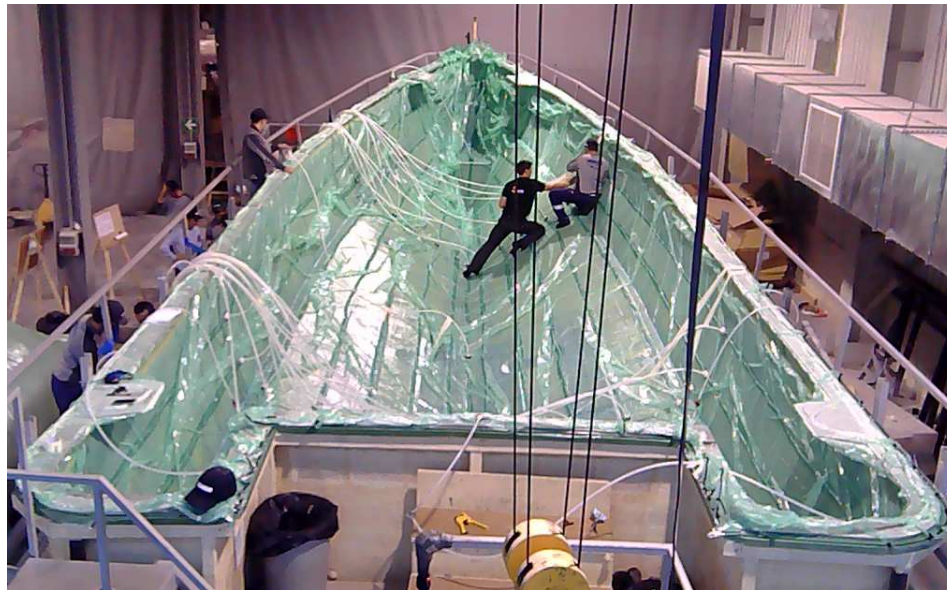
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COMPOSITE PRODUCTION TECHNOLOGIES

Combination of different **COMPOSITE PRODUCTION PROCESSES** and constant process development for **QUALITY** and **CONTROL**



SUPERIOR composite quality and production control



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DSAn INFRASTRUCTURE

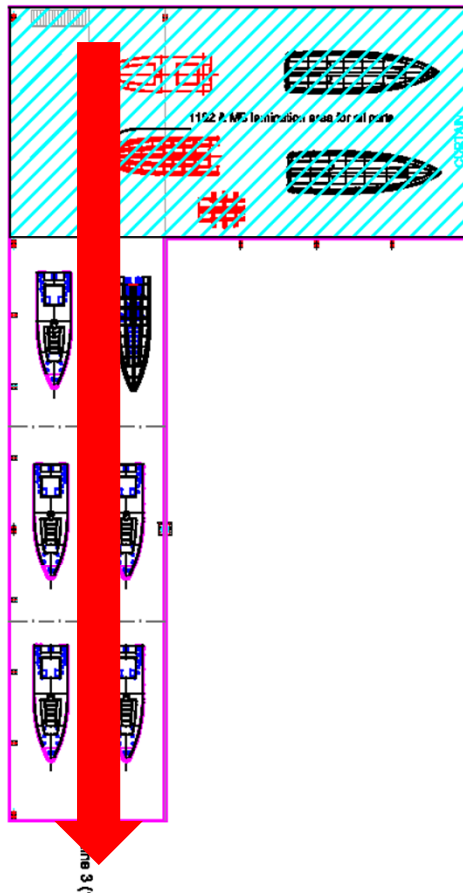
1. Local Expertise
2. Facilities of the yard
3. Infrastructure freezone
4. Access to harbour
5. Local and EU supply base



Damen Shipyards Antalya

3 SERIAL PRODUCTION LINES: 15 000 m2

2nd Floor



Ground Floor

