



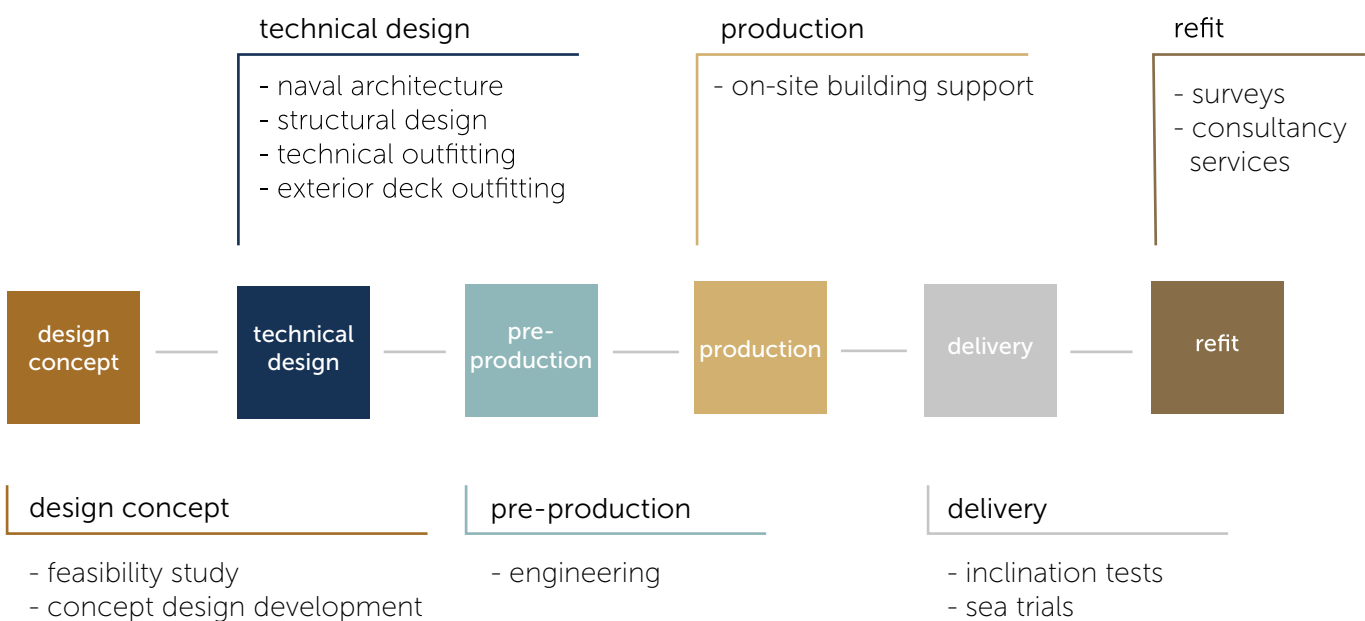
STUDIO DELTA

What we can do for you

Studio Delta, Naval Architecture for yachts. We are offering specialized services in technical design for any type or size of motor yacht.

The services of the Studio cover complete Naval Architecture and project consultancy for yachts starting in the concept stage, both for new builds and refits. Studio Delta delivers their services to the market by combining customer focus, flexibility, technical knowledge and personal commitment into a product that facilitates each client's project needs.

The Studio, based in the harbour of Scheveningen in The Netherlands, has more than 20 years of experience in the super yacht industry and is recognized both nationally and internationally.



SERVICES

What we can do for you

- NAVAL ARCHITECTURE
- STRUCTURAL DESIGN
& ENGINEERING
- TECHNICAL OUTFITTING
- EXTERIOR DECK OUTFITTING
- CONSULTANCY

We offer specialized services in the field of yacht development. We do this by applying our knowledge with an integrated approach.

We are proud that our work has resulted in leading yachts on the water for 20 years. The projects, between <10m and 100+ m, are built in steel, aluminium and composite. Varying from tenders, chase boats and cruisers to yachts, explorers and superyachts.

The majority of our projects are new builds, but we also work on projects in refits of existing yachts, conversions from commercial ships to explorer yachts and re-builds of classic yachts.

What distinguishes us is the high quality of work and a flexible, integrated approach. See us as your technical partner for your yacht design project.

NAVAL ARCHITECTURE

A Naval Architecture project at Studio Delta brings a design concept to a level of technical development suitable for building, by using modern and tested methods. Based on a general review of the concept, a strategy will be chosen to lift the project to a suitable standard for construction.

Analyses are made for hull-form design, weights, resistance analysis and propulsion design, flag and class requirements and construction. But it is the integral approach of the various analyses and feasibility reviews that sets the Studio apart.

Based on this integral approach and attention to the interactivity of the different divisions the complete project will be supplied at a high level of quality and within time.

The scope of our naval architecture services include:

- Concept Design Development
- Specification Writing
- Hull-form Design and Development
- Performance Predictions
- Propulsion System Design
- Weight engineering and control
- Sea-keeping Analysis
- Hydrodynamic Model Testing
- Stability Analysis
- Loadline and Other Statutory Calculations
- PYC Fire load calculations



STRUCTURAL DESIGN & ENGINEERING

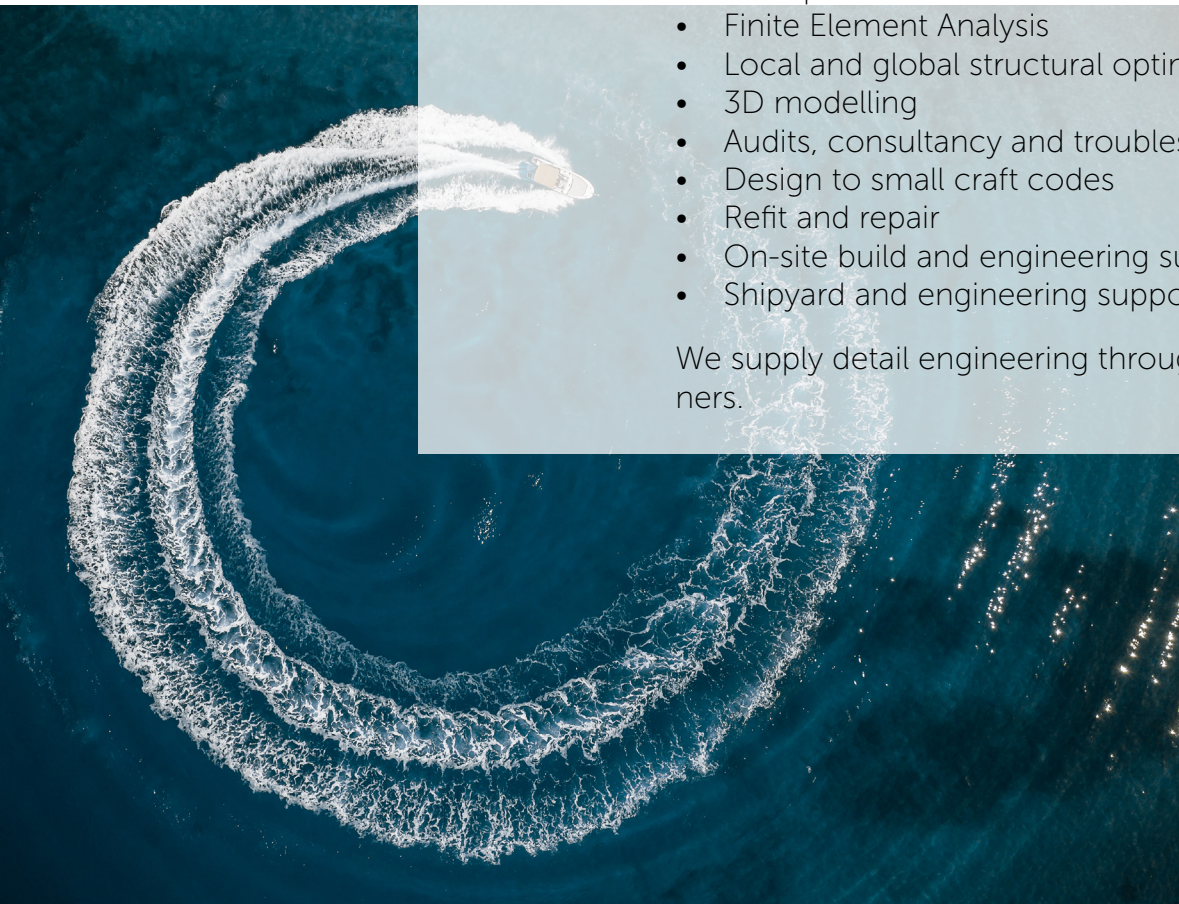
Studio Delta excels in the design of both steel, aluminium and composite hull constructions. We are experienced in projects from sturdy displacement superyachts to light weighted chaseboats.

Requirements on speed and use, like the capability for sailing in light ice conditions or making ocean crossings to special destinations, like Artic regions or ecologically sensitive areas are realized in the structural plan.

The scope of our structural design & engineering services include:

- Material specification consultancy
- Design to Class approval
- First principles calculations
- Load predictions
- Finite Element Analysis
- Local and global structural optimization
- 3D modelling
- Audits, consultancy and troubleshooting
- Design to small craft codes
- Refit and repair
- On-site build and engineering support
- Shipyard and engineering support

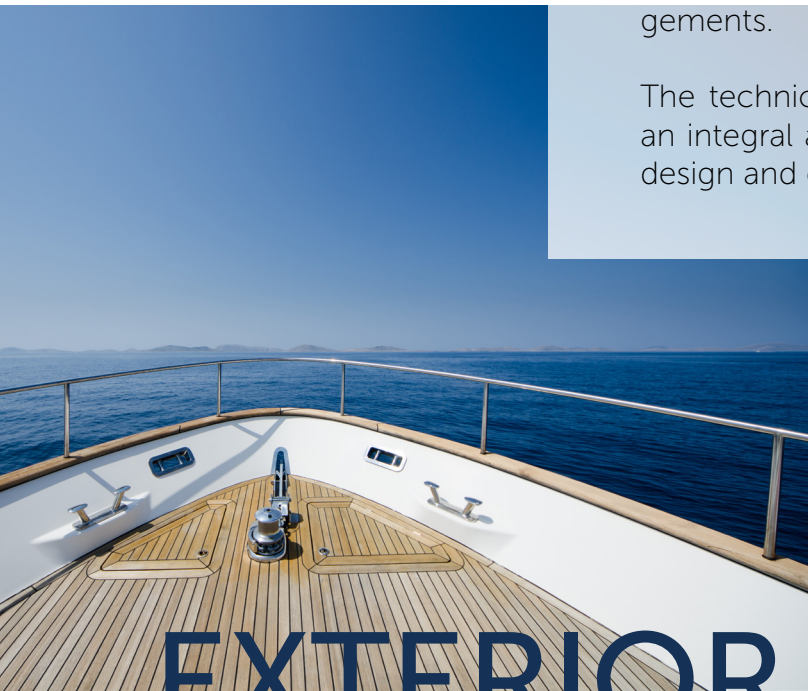
We supply detail engineering through our trusted partners.



TECHNICAL OUTFITTING

The installation preparation of essential elements on board such as: anchor winches, cranes, doors, hatches, bow and stern thrusters , life raft and rescue boat arrangements.

The technical outfitting of essential elements requires an integral approach, taking into account ergonomics, design and class rules.



EXTERIOR DECK OUTFITTING

Exterior deck outfitting, creating layouts for placing components of interest on the outside decks. Taking into account the exterior design and structural requirements of the yacht, some item placements that are considered are hatches, deck lockers, ventilation lockers, deck wash lockers, filling stations, sunscreens, jacuzzi's and outside bars.

A subject that has received much more attention lately, and contributes largely to the user-friendliness of the yacht.

CONSULTANCY

As a consultant we provide naval architecture services in the field of Refits and New builds, we can advise you or provide a second opinion.

We have extensive experience in hull extensions, superstructure updates and upgrades in installations such as stabilizer conversions to zero-speed installations. Most of the consultancy projects were Super Yacht refit projects.

With extensive experience in working as a consultant for Dutch and international yards and owner representation teams, we work flexible, objective and position ourselves a reliable business partner.

ABOUT US

Studio Delta is best described as a team of motivated and well-educated professionals, with specific knowledge in Naval architecture, structural design and engineering.

That is why we are exceptionally well equipped to realise the technical side of yacht design, from concept studies to bringing concept designs developed to the builders.

We are driven and we work accurately and inquisitively. A working attitude that is necessary to ensure high-quality services. Menno van Dijk, director and naval architect, has enthusiastically led Studio Delta for more than 20 years.

Together, we work with an eye to the future. This also includes taking social responsibility. We do this in several ways. For example, we collaborate with non-profit organizations that invest in the assurance and development of knowledge of yacht building. And we make internships available for students of Naval Architecture all year round.

Linked to the passion for our work, we share the passion for the water / sea / oceans. And in our free time we can be found regularly on or under water. We are therefore proud to sponsor the Blue Marine Foundation, a foundation that works to preserve and restore the oceans.



CONTACT

Studio Delta b.v.
Den Haag
webmail@studiodelta.nl
www.studiodelta.nl
+31(0) 70 360 7523

PROUD
SUPPORTER OF



**BLUE MARINE
FOUNDATION**