

# ASAKAWA SHIPBUILDING CO., LTD.



Professionals in chemical tanker construction: Demonstrating a solid presence in a field demanding specialized expertise

Assumed field **Foundation Manufacturing(Floating) > Floating Structures Vessels > Offshore Support Vessel Shipbuilding**



## Strengths: Refined technological capacity and a two-site system capable of large-block manufacturing

Since its establishment, ASAKAWA Shipbuilding has consistently honed its expertise in building steel ships, and particularly highly in the medium-range chemical tanker sector. Its shipbuilding record centers on the 20,000 to 26,000 D/W class. With its main factory in Imabari City, Ehime Prefecture, and a large-scale factory in Saijo city specializing in block processing, the company maintains an integrated production system capable of handling everything in-house from design through steel processing, assembly, outfitting, painting, loading, launching, and delivery. **ASAKAWA Shipbuilding uses a Nieland 500-t cold forming press – still a rarity in Japan – to realize steel processing with three-dimensional curvature. The company leverages**

**advanced pipe system outfitting technologies, including stainless-steel tank construction, a stable quality management system, and design/construction capabilities backed by years of experience, to meet the demands of modern shipbuilding.** Furthermore, the company is working to advance DX initiatives involving the visualization of shipbuilding processes, database management of quality data, and more to promote production efficiency improvements and technology succession. In the rapidly changing maritime transport and shipbuilding markets, the company has established a clear strength with its stable supply of chemical tankers offering quality and functionality.

### Technical Achievements and Case Studies

#### Maintaining high production capacity through coordination between the Main Factory and Tōyo Factory



ASAKAWA Shipbuilding maintains two production sites to achieve efficient construction: the Main Factory equipped with shipbuilding berths and Tōyo Factory specializing in block manufacturing. Coordinated linkage of the two plants via marine transport helps the company secure an annual production capacity of 80,000 GT for newbuilds and 120,000 GT for maintenance/repairs.

#### Specialized Expertise with Medium-Range Chemical Tankers



Chemical tankers require construction techniques for stainless steel tanks and piping suited to transporting diverse chemical products. ASAKAWA Shipbuilding excels in handling solid stainless steel with superior resistance to a range of different chemicals and is equipped with advanced steel processing and welding technologies.

### Main Equipment and Machinery [Specification / Unit]

- Main Factory / Factory site: 19,700 m<sup>2</sup> New-construction shipbuilding facilities: Dock (146 m × 26.45 m; 15,000 GT capacity) Main equipment: 200-t jib crane / 1unit, 100-t jib crane / 1unit, etc.
- Tōyo Factory / Factory site: 126,150 m<sup>2</sup> (All-weather mobile facility, painting/blasting facility, intermediate assembly facility, outfitting pier, etc.) Main equipment: Painting/blasting machinery / 2units, NC plasma steel plate cutter / 1unit, NC plasma structural steel cutter / 1unit, Nieland 500-t cold forming press / 1unit, 200-t jib crane / 2units

### Company Information

Business: Shipbuilding of Various Steel Vessels  
 Location: 2-4-39 Koura-cho, Imabari, Ehime Prefecture, 799-2111, Japan  
 Established: June 1947 Capital: 50 million yen  
 Employees: 450 (including in-house partner personnel)  
 Representative: President Takehiro Asaumi Tel: 0898-41-9090  
 Offices: Imabari, Saijo Metropolitan Area Contact: General Affairs Department  
 Phone: 0898-41-9090 URL: <https://www.asazo.com/>