



DAMEN PSV SERIES

PLATFORM SUPPLY VESSEL

DAMEN



A unique, eye-catching design that stands out from everything else on the market. Our vessels are designed with a strong emphasis on functionality, operability and ease of maintenance. Other important design aspects are good seakeeping behaviour, diesel-electric propulsion, safety and a high level of comfort.



DEVELOPMENT OF THE PSV
The slender hull of the PSV reduces fuel oil consumption, especially in rough seas. Slamming has been reduced to very low levels, which results in improved comfort and safety for the crew, vessel and cargo.



Oil Spill Response Vessel 1050



At Damen, we believe in striking a balance between work and recreation. Both should take place in an environment that is safe, comfortable, easy to maintain and inspiring. We have selected high quality materials meeting the requirements of the applicable regulatory agencies.



STATE-OF-THE-ART AND CLASS APPROVED

- Class Notation:
- * 100A1 Offshore Supply Ship
 - SG 2.8 (MUD tanks)
 - ECO
 - WDL(5 t/m2)
 - * LMC
 - UMS
 - DP(AA)
 - CAC 3
 - Descriptive note:
Prepared for Oil Recovery

OPTIONS

- Retractable thruster
- Fi-Fi 1
- Oil recovery capability
- Exhaust gas cleaning system (SCR)
- Ballast Water Treatment system
- Waste Heat Recovery system



PSV FUNCTIONALITIES

Damen's PSV series is highly efficient with large capacity, especially suited to the transportation of crew and supplies to and from offshore structures.

Typical cargo:

- Liquid mud / brine
- Drill Water
- Base oil (Combined with fuel oil)
- Fuel oil cargo
- Dry bulk
- Recovered oil (Option)
- Low-flash point liquids (LFPL , Option)

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VERSATILITY AS STANDARD

Damen has designed the vessels in its PSV range with versatility in mind. The vessels can be easily adapted for other functions including oil spill response, construction work, ROV support and diving support.

Containerised modular equipment may comprise:

- Workshops and storage
- Diving equipment
- Oil recovery equipment
- ROV system
- Modular Accommodation



PSV 1600



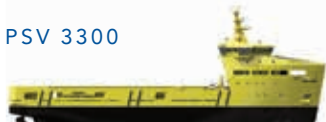
LENGTH	61 m
DEADWEIGHT	1,600 t
DECK AREA	390 m ²
DECK LOAD	5000 t
SPEED	12.3 kn

PSV 2500



LENGTH	73 m
DEADWEIGHT	2,500 t
DECK AREA	530 m ²
DECK LOAD	850 t
SPEED	12.2 kn

PSV 3300



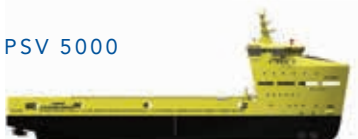
LENGTH	80 m
DEADWEIGHT	3,500 t
DECK AREA	720 m ²
DECK LOAD	1500 t
SPEED	13.5 kn

PSV 4000



LENGTH	87 m
DEADWEIGHT	4,100 t
DECK AREA	840 m ²
DECK LOAD	2100 t
SPEED	14 kn

PSV 5000



LENGTH	90 m
DEADWEIGHT	5,000 t
DECK AREA	1,020 m ²
DECK LOAD	2700 t
SPEED	13.6 kn

PSV 6000



LENGTH	90 m
DEADWEIGHT	6,300 t
DECK AREA	1,100 m ²
DECK LOAD	3000 t
SPEED	14 kn

ENVIRONMENTAL CARE

Damen's mindset during the design process was to minimise the impact the Platform Supply Vessel (PSV) series would have on the environment. The starting point was selecting the right hull, because of the vital role this plays in reducing fuel consumption. Every tonne of fuel saved translates to a reduction of emissions. In addition, the vessels fulfil the latest requirements of DNV Clean Design and Lloyds Register Environmental Protection.

Additionally, we have paid close attention to the location of oil tanks, hull coatings, refrigerants, waste heat recovery system and ballast water along with other aspects of the vessels that can impact upon the environment.



- Environmentally friendly
- Efficient in operation
- Economically viable

SERVICES

Damen Services offers a wide-ranging portfolio of customer support and after-sales care, covering the vessel's complete lifecycle.

DAMEN CUSTOMER FINANCE

Due to a strong financial position and an excellent track record, Damen is able to offer tailored financing solutions. This includes assistance in obtaining Export Credit Agency financing, access to our large network of international financing institutions and access to grants and subsidies.



PSV 5000 IRM

DAMEN

DAMEN SHIPYARDS GORINCHEM

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