

PRYSMIAN MARCO POLO

DP2 CABLE LAYING VESSEL



DESCRIPTION

Prysmian Marco Polo is a DP2 ship built for the most challenging worldwide cable installation works. With her two static tanks* of 950 tons each load capacity and her 8 point mooring system + pull ahead able to sustain a maximum tension of 100 tons, the vessel is equipped to conduct the shallowest power cable lay water depth.

The vessel is designed with an operation endurance of 90 days and max speed above 11.5 knots. The accommodation for 100 people is designed to offer comfort, ample working spaces and recreational areas for all personnel, including fully equipped gym, auditorium, game room, dayroom and officers lounge.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Propulsion system:

- 2 x Aft Azimuth Thruster® 3 eMW each
- 2 x Bow Tunnel Thrusters 2 eMW each

Static Tanks*:

- Aft 950 tons load capacity
- Fwd 950 tons load capacity
- Max combined load above 1900 tons

Cranage:

- 85 tons AHC offshore crane
- 40 tons offshore crane

VESSELS KEY FEATURES

Classification:

A1), UWILD, Position Mooring System[®], AMS, DPS-2, ACCU, CRC (OC, Subsea, PL+), BWT, Ice Class D0, SPS, DBC, CPS, HAB (WB)

Cable Laying capabilities:

- 3+2 bundles cable laying
- Simultaneous laying and burial
- Cable jointing
- Designed for laying power cables in shallow water depth
- Grouding

Green credentials:

- NOx reduction: SCR
- Diesel Generators ready for biodiesel blends

PRINCIPLE DIMENSIONS

Length overall:	166.8 m
Breadth moulded:	40 m
Summer draught moulded:	5.5 m
Deadweight:	15000 tons

BURIAL TOOLS

Prysmian Marco Polo can be equipped with Prysmian's VI, ROCKSAW to carry out simultaneous lay and burial or post lay burial operations, dependent upon project requirements.

CABLE OPERATIONS KEY FEATURES

STATIC TANKS*

Capacity:	1900 tons
Core Diameter:	10 m
Outer Diameter Aft carousel :	16 m
Tank Height:	4 m

STATIC TANKS*

Static tank aft for Fibre Optic cables 350 tons capacity
Static tank fore for Fibre Optic cables 300 tons capacity

TENSIONERS

Tensioners with 15t max pulling force

* In the near future the cable management system will be upgraded from static tanks to carousels, for a total cable storage capacity in excess of 8000 tons.