Connector.

Connector.

DP 3 Cable Laying / Trenching Support Vessel

CONNECTOR is one of the largest and most advanced subsea installation and construction vessels in the world, capable of operating down to 3,000 metres water depth. She has a proven track record of installing power cables, umbilicals and risers thanks to her two heave-compensated offshore cranes, lay systems and two turntables. Connector has superior manoeuvrability and a high transit speed for worldwide operations. The vessel has excellent station-keeping capabilities and is outfitted with a Dynamic Positioning Class 3 system to operate in harsh environments. She can install up to 8,000 tonnes of cable and is equipped with a 6,000 tonne turntable above deck and a 4,000 tonne turntable below deck.

TECHNICAL SPECIFICATIONS

Deadweight	12,200 t
Turntable capacity	6,000 t + 4,000 t
Length o.a.	156.9 m
Breadth	32 m
Draught loaded	8.7 m
Dynamic positioning	DP 3
Aft main propulsion power	1 x 4,000 kW
Aft azimuth thruster power	2 x 3,000 kW
Bow thruster power	2 x 1,900 kW
Retractable thruster power	2 x 1,500 kW
Forward swing-up azimuth thruster power	1 x 1,800 kW
Total installed diesel power	23,405 kW
Speed	15 kn
Accommodation	140
Helideck	Octagonal 26.1 m
Built in	2011

TURNTABLE SPECIFICATIONS

Above deck		Under deck	
Capacity	6,000 t	Capacity	4,000 t
Outer diameter	25 m	Outer diameter	23.6 m
Inner core diameter	6 m	Inner core diameter	6 m
Height	8 m	Height	5.9 m

CABLE LAY EQUIPMENT

Loading tensioner	10 t (above deck carousel) 5 t (under deck carousel)
Lay tensioner	2 x 20 t (series or parallel use)
Cable jointing	Deck space available for jointing activities
Quadrant overboarding	Automated quadrant handling system

Space for fiber optic tank

CRANE SPECIFICATIONS

Mid ship crane	NOV 400 t AHC crane rated 3,000 m wd
Aft crane	NOV 50-100 t AHC crane rated 3,000 m wd

WROV SPECIFICATIONS

Type	2 x Schilling HD Work Class (one moonpool launched and one over the side)
Power	150 hp each

TRENCHING SUPPORT

Space for trenching spread

Jan De Nul GROUP