

## Isaac Newton.



## Isaac Newton.

## DP2 Cable Laying / Trenching Support Vessel

## TECHNICAL SPECS 12,500 t Deadweight Turntable capacity 5,000 t + 7,400 t Length o.a. 138 m Breadth 32 m Draught loaded 7.3 m Dynamic positioning DP2 Propulsion power 2 x 3,000 kW 2 x 1,500 kW Bow thruster power Retractable thruster power 2,000 kW Total installed diesel power 12,330 kW 100 t Bollard pull Speed 12.5 kn Notation Strengthbottom 75 Accommodation 2015 Built in

In the Cable Laying mode, the vessel can install up to 10,700 t of cable and is thereto equipped with a 7,400 t capacity turntable above deck and a 5,000 t capacity turntable below deck along with two tensioners of 20 t or as required by the project, chute and auxiliary equipment.



SPECIFICATIONS OF THE TURNTABLES					
	ABOVE DECK	UNDER DECK			
Capacity	7,400 t	5,000 t	Max. speed at inner diameter	900 m/h	
Inside outer basket diameter	27.4 m	23.5 m	Ramp up to max. speed	45 s	
Inner basket diameter	8 m	4.6 m	Loading tower tensioner	5 Te	
Basket wall height (open structure)	7 m	4.5 m	Deck tensioner	20 Te	

SPECIFICATION OFFSHORE KNUCKLE BOOM ACTIVE HEAVE COMPENSATION CRANES						
	AFT CRANE		FORE CRANE			
	Main	Aux	Main			
Capacity	500 kN @ 15 m	50 kN @ 35 m	250 kN @ 15 m			
	350 kN @ 35 m		100 kN @ 35 m			
Max AHC load	350 kN @ 35 m	25 kN @ 35 m	100 kN @ 35 m			
Waterdepth	200 m	200 m	200 m			
Personnel handling		Yes	Yes			

