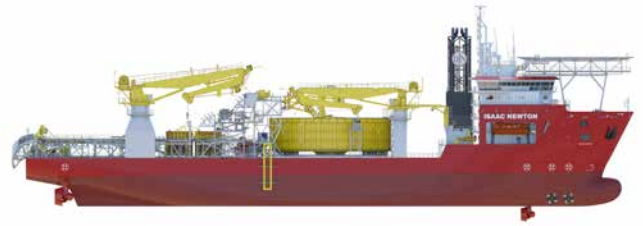




Isaac Newton.

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DP 2 Cable Laying / Trenching Support Vessel

TECHNICAL SPECIFICATIONS

Deadweight	12,500 t
Turntable capacity	7,400 t + 5,000 t
Length o.a.	138 m
Breadth	32 m
Draught loaded	7.3 m
Dynamic positioning	DP 2
Aft azimuth thruster power	2 x 3,000 kW
Bow thruster power	2 x 1,500 kW
Retractable thruster power	2,000 kW
Total installed diesel power	12,330 kW
Speed	12.5 kn
Notation	Strengthbottom
Accommodation	75
Helideck	Octagonal 22.8 m
Built in	2015

TURNTABLE SPECIFICATIONS

Above deck		Under deck	
Capacity	7,400 t	Capacity	5,000 t
Outer diameter	27.4 m	Outer diameter	23.5 m
Inner core diameter	8 m	Inner core diameter	4.6 m
Height	8.6 m	Height	4.5 m

CABLE LAY EQUIPMENT

Loading tensioner	7.5 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	

ISAAC NEWTON is one of the largest and most advanced cable-laying and trenching support vessels in the world. Isaac Newton has a proven track record of installing power cables in both very shallow and deep waters. She has excellent station-keeping capabilities and is outfitted with a Dynamic Positioning Class 2 system to operate in harsh environments. The vessel can install up to 10,700 tonnes of cable. She is equipped with a 7,400 tonne turntable above deck and a 5,000 tonne turntable below deck.



CRANE SPECIFICATIONS

Mid ship crane	Concrane 25 t AHC crane
Aft crane	Concrane 50 t AHC crane

WROV SPECIFICATIONS

Type	SMD Quasar Work Class
Power	150 hp

TRENCHING SUPPORT

Space for trenching spread