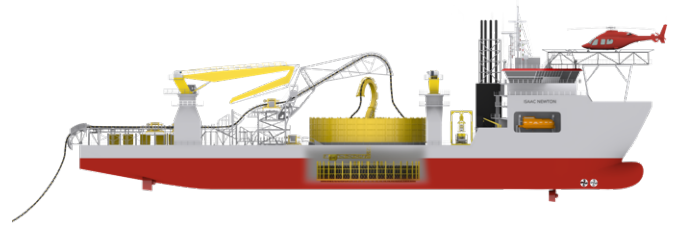




# Isaac Newton.

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## DP2 Cable Laying / Trenching Support Vessel

### TECHNICAL SPECS

|                              |                   |
|------------------------------|-------------------|
| Deadweight                   | 12,500 t          |
| 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      |
| Bow thruster power           | 2 x 1,500 kW      |
| Retractable thruster power   | 2,000 kW          |
| Total installed diesel power | 12,330 kW         |
| Bollard pull                 | 100 t             |
| Speed                        | 12.5 kn           |
| Notation                     | Strengthbottom    |
| Accommodation                | 75                |
| Built in                     | 2015              |

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<br>350 kN @ 35 m | 50 kN @ 35 m | 250 kN @ 15 m<br>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                            |