



### CONSTRUCTION / CLASSIFICATION

Year built 2015

### MAIN DATA

Power	820 kW/1,100 hp 2 x 110 kW Hydraulic power
Jetting pumps	2 x 300 kW Jetting power frequency driven
Operating depth	400 m (1,500 m option)
Length	3.94 m
Width	6.24 m
Height	2.63 m
Ground clearance	0.63 m
Weight in air	9,500 kg
Weight in water	3,700 kg
Min. soil bearing	7.5 kPa - in tracked mode
Lateral thrusters	4 x 230 kgf total 920 kgf
Horizontal thrusters	2 x 850 kgf total 1,700 kgf
Tracks	2 each 4 x 0.6 m soft rubber track
Speed on tracks	50 - 1,000 m/hr
Pitch capability	+/- 12° gradient
Roll capability	+/- 12°
Operational current	1.7 kn during L&R, 2.0 kn on seabed

### LARS/DECK TRANSFER SYSTEM

Type	Dynacon 521XL lifting winch System 12Te SWL
Cable capacity	2,500 m
Umbilical diameter	38 mm Rochester TYCO ST200 Double Armored
Weight in air	4,400 kg/km Umbilical
Weight in water	3,400 kg/km
Min. break strength	500 kN
Min. bend radius	600 mm

### EDUCTOR AFT JETTING TOOL

Type	Twin legged, venture
Trench depth	0 - 2.29 m



### STRUCTURAL

Construction	Stainless steel frame with lifting point for single point lift up to Hs = 2 m
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### JETTING

Soil strength	Up to 60 kPa
Sword configuration	Single sword at center of vehicle, single sword aft of vehicle
Trench depth	0 - 2.29 m
Water supply	2 x 300 kW
Jetting pressure	8 - 15 bar
Backwash pressure	2 - 12 bar
Jetting flow	200 - 650 m <sup>3</sup> /h
Backwash flow	400 - 1,100 m <sup>3</sup> /h
Product diameter	< 630 mm

### SURVEILLANCE / AUXILIARY EQUIPMENT

Heading, roll & pitch	1 x iXBlue Rovins
Cameras	4 x LUXUS compact CCD
Lights	8 x Bowtech LED-K 3200
Pan & tilt	2 x Ocean tool electrical 0-330° pan range 0-220° tilt range
Sonars	1 x Kongsberg MS-1171 2 x BlueView M900-130 Pan & tilt mounted, for and aft
Cable tracking	TSS 440, TSS 350 DOBI - Incorporated in sword
Fiber optic gyro & motion	Bathy + 2 x Valeport altimeter
Current meter	Valeport 803 electromagnetic
Acoustic positioning	Responder/transponder
Doppler Vel. log	RDI workhose 1200
Trencher geometry	In-cylinder transducers for trench depth measurement

### CONTAINERS

Control cabin	1 x ISO 20' high cube
Power	1 x ISO 20' high cube
Workshop	1 x ISO 20'
Storage	1 x ISO 20'
Supporting	Deck HPU for maintenance purposes

