

# NSW<sup>®</sup> INSTALLATION SPREADS for Submarine Power Cables.



NSW



# NOSTAG 10 AND VERTICAL INJECTOR

For Installation in Water Depths from 0 m to 35 m

## NOSTAG 10

Flag:	Germany
Class:	GL+ A 5 Barge GL+ A-MC
Call sign:	DMNC
Year of construction:	2008
Length:	91.5 m
Beam:	27.5 m
Moulded depth:	5.5 m
Accommodation:	40
5-point mooring system:	1 pulling winch (100 ton brake load) 4-point mooring system (4 × 500 kN)
Auxiliary propulsion:	2 Berg azimuth thruster (800 kW each, GL classification)

## Cable Installation Equipment

Vertical Injector	Max. trench depth:	7.5 m
	Operating depth:	max. 35.0 m in 5.0 m steps
	Water supply:	2 × 1,200 m <sup>3</sup> /h (2 × 1,000 kW)
	Water pressure:	16 bar
Cable cage incl. loading arm	Loading capacity:	approx. 3,500 tons
	Outside diameter:	18.0 m
Additional equipment	2 linear cable engines Crawler crane 2 deck cranes	




# MV AURA AND NSW SEAREX

For Installation in Water Depths from 5 m to 200 m

## MV Aura

Flag:	Finland
Class:	Bureau Veritas +Hull, +Mach, deck ship/container ship, unrestricted navigation, AUT-UMS, DYNAPOS AM/AT R
Call sign:	OJMS
Year of construction:	2008
Year of major conversion:	2012
Length:	101.8 m
Max. beam:	25.0 m
Moulded depth:	6.6 m
Accommodation:	9+36
DP-System:	DP2 in accordance to the standard and approved by Bureau Veritas with class notation DYNAPOS AM/AT R
Main propulsion:	2 × Wärtsilä 6R32 with PTO, box cooled; 2 × 2,220 kW @ 750 rpm
Number of boat landings:	2

## Cable Installation Equipment

NSW  SeaREX incl. trencher control container and umbilical winch	Max. length (without tools):	10.0 m
	Length (with depressor):	12.0 m
	Width:	7.4 m
	Height:	5.3 m
	Vehicle power:	1,600 kW total
	Max. trench depth:	3.3 m
Turntable incl. loading arm and drive assembly	Outer diameter:	23.0 m
	Theoretical capacity:	5,000 metric tons
A-Frame	SWL capacity:	100 tons
	Turning:	+/- 45 degrees
Additional equipment	Main deck crane and auxiliary crane Deck tensioner Splice container Hydraulic overboarding chute	





110 NSW Broschüre Installation 2013-01

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