



## EMDER SCHLEPP-BETRIEB GMBH

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### ASD 2810 TUG M/V "Peter Wessels"

Built by DAMEN Shipyard / Gorinchem (Netherlands)

#### Main Characteristics

Length	25,78 m
Beam	9,80 m
Draft	abt. 4.80 m
Speed	up to 13,5 kn
Classification	GL + 1A Tug BIS E0
Measurement	294 GT/88 NT
Flag	German
Call Sign	DMEM
IMO-Number	9769867
Homeport	Emden
Fuel Type:	DMA - ISO 8217:2010
Fuel Capacity	abt. 72 m <sup>3</sup>
FW Capacity	16,5 m <sup>3</sup>
Bollard pull	62 ts
Built	2020
Max Deck Load	3 mto / m <sup>2</sup>

#### Deck Equipment

Towing winch forward: hydraulic two speed winch with split drum and warping head, pull 35 ton at 9,2 m/min, slack rope up to 28 m/min brake 150 ton  
 Towing winch aft: hydraulic two speed winch with spooling device and warping head, pull 35 ton at 9,2 m/min, slack rope speed up to 28 m/min, brake 150 ton, equipped with 500m x 48 mm (6x36 SE+st) wire  
 Mooring / linehandling winch  
 Capstan: electrical with 5 mto at 15 m/min  
 Towing hook Mampaey disc type, 65 mto  
 Quarter Pins  
 1 x 4 m infaltable rescue boat with a 25 hp engine

On board are available: various Dyneema Grummets and pennants for light weight bridles, various shackles and pennants.

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### **Nautical & Communication Equipment**

Radar	Furuno FAR-2117
Compass	Magnetic Kotter Type
	Satellite: Furuno SC-70
Autopilot	Simrad AP-70
GPS	Furuno GP-170
Echosounder	Furuno FE-800
VHF	Sailor 6222
MF/HF	Furuno FS-1575
Navtex	Furuno NX-700A
AIS	Furuno FA-150
Satellite	Sailor FleetOne
EPIRB	Jotron Tron 60S
SART	Jotron Tron SART 20
Operation Area	A2

### **Engine Room**

Main Engines: 2 x MTU-16V400M63, 1840 kW each at 1600rpm (total: 3680 kW / 4935 bhp)  
Azimuth thrusters: 2 x Rolls Royce US 205  
Propeller diameter: 2400 mm  
Generator-Sets: 2 x Catapillar C4.4 TA, 230/400 V, 107 kVA / 50 Hz  
Spark Arrestors: Type CP & SA (with certificate), suitable for LNG-Terminals  
Sewage Treatment: SELMAR - Blue Sea plus

### **General**

The tug is fully equipped for harbour assistance, deep sea towage, offshore services and salvage operations.

Accommodation for 6 persons.