

*This proven Damen design has been delivered to harbours world-wide and is extremely suitable for towing, mooring and fire-fighting operations.*

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| Type                  | DAMEN ASD Tug 2810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Built                 | 2015, The Netherlands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| GRT / NRT             | 294 / 88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions            | 28.67 x 10.43 x 4.60 mtrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Draft                 | 4.94 mtrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Propulsion            | 2x Rolls Royce US205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Main engines          | 2x MTU, type 16V4000M63R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Output                | 4935 bhp total at 1600 rpm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Main generator set    | MTU, type 12V2000M41B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Output                | 800 KVA, 440V, 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Exhaust gas treatment | DOC + DPF + SCR system, IMO Tier III compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Speed                 | ± 13.4 knots                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bollard pull          | ± Ahead 60.7 tons<br>± Astern 56.8 tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Displacement          | 574 tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Deck equipment        | Forward towing winch electrically driven two speed with split drum and warping head, P=35 tons at 9,1 mtrs/min, slack rope speed up to 28 mtrs/min, B=150 tons<br>Aft towing winch electrically driven two speed single drum, P=35 tons at 9 mtrs/min, slack rope speed up to 27 mtrs/min, B=150 tons<br>Capstan 5 tons at 15 mtrs/min electrically driven<br>Crane Heila HLM 20-3S, with winch<br>Towing hook 65 tons<br>D-fender at sides, cylinder fender at transom corners, cylinder and W-block bow fender with water spray. |
| FiFi set              | Main generator diesel driven pump 1200 m <sup>3</sup> /hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| FiFi monitor          | Monitor 1200 m <sup>3</sup> /hr, water/foam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Aux. engine           | Caterpillar, type C4.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Output                | 107 kVA, 230/400 V, 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Tank capacities       | Fuel oil 74.5 m <sup>3</sup><br>Fresh water 15.2 m <sup>3</sup><br>Foam 6.6 m <sup>3</sup><br>Lub oil 9.2 m <sup>3</sup><br>Foam 6.5 m <sup>3</sup><br>Dirty oil 3.1 m <sup>3</sup><br>Sewage 2.2 m <sup>3</sup><br>Sludge 3.1 m <sup>3</sup><br>Bilge water 5.2 m <sup>3</sup><br>UREA 6.4 m <sup>3</sup>                                                                                                                                                                                                                         |
| Accommodation         | For 8 persons, insulated and finished with durable modern linings, acoustical ceiling in the wheelhouse, floating floors and air-conditioned. Captain's cabin, chief engineer's cabin, 3 double crew cabins, galley, mess/dayroom, dry store and sanitary facilities.                                                                                                                                                                                                                                                              |
| Nav./comm. equipment  | According to GMDSS A2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Class                 | Lloyd's Register ✱100 A1 Escort Tug [✱] LMC UMS IWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |























































