

CDS 135 Tanker



Concordia
DAMEN



The fuel-efficient CDS 135 Tanker has minimal resistance and an optimal 'speed-power curve'. The innovative design allows for smaller propellers, which is very useful when water levels are low.

1.20

meter min. draft

3990

tonnage max. draft

4180

cubic meter volume

11

tanks



CDS 135 Tanker

This 135m x 11.45m inland waterway tanker has a carrying capacity of 4,180 m³ (3,990 tonnes), offering more cargo space than comparable tankers. Its two Mitsubishi S12 engines come up with 2 x 709 kW @ 1800 rpm with less fuel consumption than you would expect. This tanker makes your transport per ton more environmentally friendly.

The design originates from the successful CDS 110 Tanker series, that has proven to hold its own on the European waterways.

Concordia Damen's tankers are designed in such a way that propulsion types are adaptable (e.g. diesel-electric, diesel-direct, LNG-electric, H2-electric).

Interested? Trial runs are an option!



CDS 135 Tanker

Type Inland Waterway Tanker
Technology Diesel Direct
Class Lloyds
Notation HULL #5 IN (0.6) Z type C/1R/DD
Tp=65kPA/Dp 50 kPa EN/EUR

Dimensions

Length o.a. 135.00 m
Beam o.a. 11.45 m
Depth at side 4.95 m
Draught max. 3.50 m
Draught min. 1.20 m
Speed (design) 18 km/h

Loading capacities

Number of tanks 11x 380 m³
Volume 4,180 m³
Pumps 11x Marflex 100m³/hr
Tonnage max. draft 3,990 t
Tonnage 3.0 m 3,231 t
Tonnage 2.5 m 2,475 t
Tonnage 2.0 m 1,727 t
Minimum draft 1.20 m @ 560 t

Tank capacities

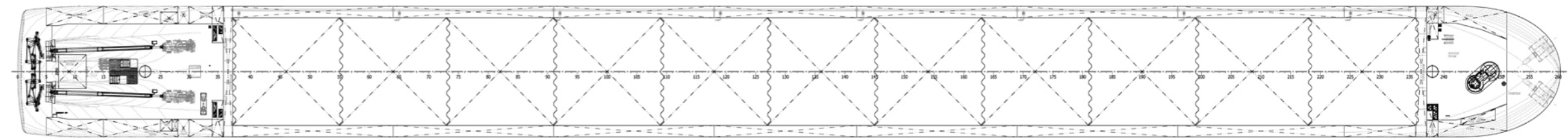
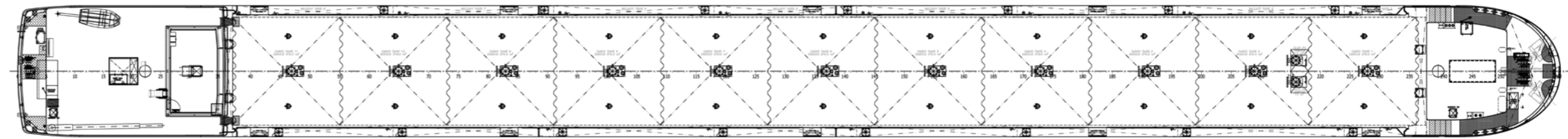
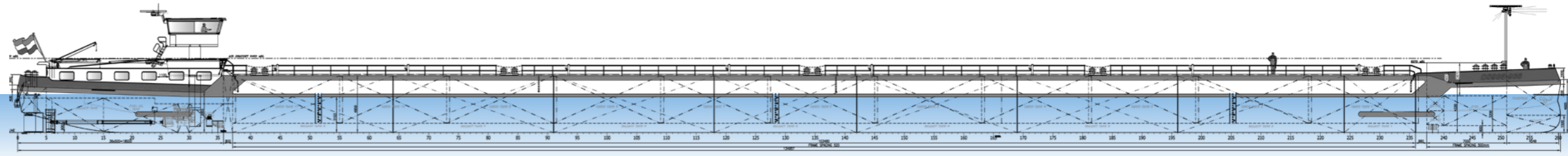
Ballast water (BW) 1,786 m³
Fresh water (FW) 2x 8 m³
Lube oil (LO) 2x 0.5 m³ + 2x 0.5 m³ aft
Dirty oil (DO) 1x 2.5 m³
Dirty water (DW) 1x 3.0 m³
Slob tanks 2x 10.0 m³

Propulsion

Main engine Caterpillar C32
Power 2x 709 kW @ 1,800 rpm
Gear box Masson MMW
Propellers 2x 1,600 mm
Nozzles 2x 1,620 mm HR type
Rudders 4x Easy flow
Bow thrusters VSG-1300 L 478 ekW @ 1,800 rpm

Electrical installation

Generator(s) 1x John Deere 148 kVA (118 ekW)
1x John Deere 81 kVA (65 ekW)



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Concordia Damen

Concordia Damen designs and builds inland waterway vessels with an innovative and cost-effective profile, both for (smaller) family-owned shipping companies and multinationals looking to optimise their port and river logistics. Additionally, we are a reputable shipbroker, supplying owners with selling or purchasing services.

Down-to-earth-management, a contemporary view on shipping and a track record of 250+ vessel deliveries enable us to successfully build and broker for clients worldwide.

High quality, innovation and efficient shipbuilding is the Concordia Damen trademark. We can effectively process new developments into our services – and your newbuild.

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