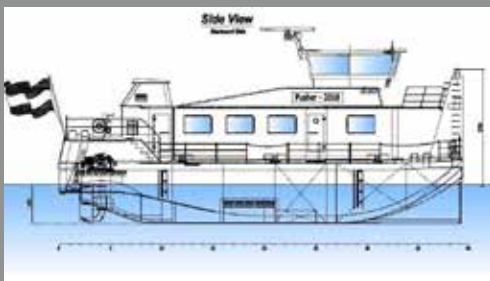




**12.00m  
viewheight**  
ASD pushboat

**State-of-the-art, reliable, optimised performance**

Since the foundation in 1918, MULLER has been building on expertise, reliability and inventiveness in the maritime business. With specialised marine equipment, we can offer you a tailored fit competitive towage service for your specific needs. MULLER performs core activities such as Harbour assistance, Coastal&Deep-sea towage, salvage and Heavy-lift&Transport. MULLER is owner of its own inland & seagoing tugs up to 120 tons BP, sea-going ballastable heavy-lift pontoons to 16.500 tons DWT, it's own harbour and yard in Dordrecht. Our crew is the driving element behind all those resources, with knowhow, no-nonsense mentality & experienced to offer extensive support to the offshore and marine industry.



# ZODIAC

Z-Drive pushboat



## GENERAL INFORMATION

Year of construction	2020
Builder	Concordia Damen, Werkendam
Build type	Pusher, yardno. CS874
Classification	Inland navigation, Cert. for Rhine, ADNR (lim.)
Class Register nr	SI 22218 NL / 62108
National Authorities	IVW-SI (ES -TRIN)
Port of registry	Dordrecht
Flag	The Netherlands
Call sign	PD7053
ENI nr	02338839
FD nr	FD12345*

## MAIN PARTICULARS

Length o.a.	19.75 m
Breadth o.a.	9.90 m
Min./Max. draught	1.90 / 2.40 m
Viewing height	12.00 m
Air draft	5.70 m (min sailing height)
Displacement	425 m <sup>3</sup> (max.) 313 m <sup>3</sup> (with empty tanks)

## PERFORMANCES

Free sailing speed	16 km/h cruising 13 km/h with max cargo 4946T
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## PROPULSION SYSTEM

Main engines	2x Caterpillar C18 (CCRN2 / EUR Stage 3a approved)
Total power	1450 hp (1068 kW) at 1800 rpm
Gearboxes	Built in Z-drive, reduction 4.11:1
Type of propulsion	2x Veth Z-drive, type VZ-550
Propellers	2 x 1270 mm in nozzles

## AUXILIARY EQUIPMENT

Auxiliary engine	2 x JCB type 448-TGWA-60 6 @ 1400 rpm
Generator	Mecc Alte, type ECP32
Capacity	2 x 60 kVA 50Hz, 230/400 V

## DECK LAY-OUT

Anchor	1 x 1.565 kg HHP Anchor (D'HONE-SPEZIAL)
Chain	72.0 m 628kN MBL
Deck crane	Davit crane for MOB-boat launch 300kg SWL
MOB boat	make CAP / New Matic 360 (cap 5p.)
Coupling winch	4 x 60T hydraulic coupling winch (dyneema rope)

## TANK CAPACITIES

Fuel Oil (MGO)	60.0 m <sup>3</sup>
Fresh Water	16.6 m <sup>3</sup>
Lub Oil	26.0 m <sup>3</sup>
Lub Oil	1.0 m <sup>3</sup>

## ACCOMODATION

Heated and air-conditioned living spaces for 5 persons, consisting of a galley and mess room, workshop and sanitary facilities on main deck, captain's cabin and two double crew cabins on the main deck.

## NAUTICAL EQUIPMENT

AIS, GPS, radar, curve indicator, VHF, Digital Navigation by TRESCO Navigis

## CONTACT DETAILS

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