



FAIRPLAY-90 REVERSED STERN DRIVE TUG

MAIN DATA		TANK CAPACITIES		ACCOMMODATION			
Delivery date:	January 2023	Fuel oil:	77.1 m ³	<p>For 6 persons, completely insulated and finished with durable modern linings, sound absorbing ceiling in the wheelhouse and floating floors. Air-conditioned wheelhouse, accommodation and switchboard room. Accommodation above main deck with a captain's cabin, chief engineer's cabin, two double crew cabins, pantry, mess/dayroom and sanitary facilities. The superstructure is mounted resiliently to reduce noise levels.</p>			
Manager:	Fairplay Towage Polska	Fresh water:	8.5 m ³				
Owner:	Fairplay Towage Polska	Bilge water:	5.9 m ³				
Basic functions:	Towing, mooring and fire-fighting	Sewage:	5.9 m ³				
Classification:	IXHULL • MACH Escort Tug (design bollard pull = 85t) (design maximum steering force = 52t, design maximum braking force = 93t, design maximum escort speed = 10 kn) Unrestricted Navigation YOUNG ICE 2 AUT UMS INWATER SURVEY COMF-NOISE 3, COMF-VIB 1 Fire Fighting Ship 1 with water spray	Dirty lubrication oil:	2.5 m ³				
		Clean lubrication oil:	2.5 m ³				
		Foam:	12.2 m ³				
		Urea:	3.0 m ³				
GMSSS:	A1	AUXILIARY EQUIPMENT				NAUTICAL AND COMMUNICATION EQUIPMENT	
Flag:	Poland	Generator set:	2x Caterpillar C4.4 TA, 107 kVA, 400 V, 50 Hz			Searchlight:	2x Norselight SH470 2000 W
DIMENSIONS		General service pumps:	2x Azcue CA 50/3A 20 m ³ /h at 2.35 bar	Radar system:	2x Furuno FAR-1518		
Length overall:	24.73 m	Bilge water pump:	CA 32/05 3.6 m ³ /h at 1.1 bar	Electronic chart system:	Navi-Sailor 4000 ECS		
Breadth overall:	13.13 m	Fuel transfer pump:	Azcue CA40-1B 12 m ³ /h at 1.2 bar	Compass:	Cassens & Plath Reflecta 11		
Depth at sides:	4.95 m	Fuel oil purifier:	2x CJC, PTU3 27/54 MZ-E2PWZ	Satellite compass/GPS:	Simrad GN70/HS80A		
Draught aft:	6.30 m	Cooling system:	Combination keel cooling and box cooling system	AIS:	Furuno FA-170		
Displacement (98% consumables):	579 t	Fresh water pressure set:	Azcue MO-19/10	NAVTEX:	Furuno NX-700B		
Gross tonnage:	330 gt	Hydraulic system:	Double main engine driven pumps	Echosounder:	Furuno FE-800		
PROPULSION SYSTEM		Fifi set:	Main engine driven pumps 1200 – 1400 m ³ /h with water spray	Autopilot:	Simrad AP-70		
Main engines:	2x Caterpillar 3516C TA HD / D	Fifi monitor:	2x 1200 m ³ /h, water/foam	Speed log:	FURUNO DS-85		
Total power:	5050 kW (6772 bhp) at 1800 rpm	DECK LAY-OUT		VHF hand-held:	2x Jotron TR-30		
Thrusters:	Kongsberg Maritime US 255 FP/P30	Anchors:	2x 360 kg Pool (High Holding Power)	VHF:	2x Cobham Sailor 6222		
Propeller diameter:	3000 mm	Anchor winches:	2x Electrically driven	EPIRB:	Jotron Tron-60S		
Forced ventilation:	670.000 m ³ /h	Rendering-Recovery winch:	Hydraulically driven double drum, recovery capacity 30 ton up to 44 m/min on 2 nd layer, rendering capacity 112 ton up to 82 m/min on 2 nd layer, 200 ton brake holding force	Sart:	Jotron Tronsart 20		
PERFORMANCES		Fendering:	D-fender at sides, cylindrical fender at transom corners, cylindrical and W-block bow fender	Remote monitoring:	Ready for Damen Triton		
Bollard pull:	80.3 t			Anemometer:	Gill Instruments GMX 500		
Speed:	13 kn						



Particulars of this unit and inventory believed correct at time of printing but subject to change. Printed March 2023 replacing all previously printed particulars