

BARBAROS GEMİ VE YATÇILIK MAKİNA İNŞAAT LTD. ŞTİ.

REFERENCES:

PILOT BOATS

MOORING BOATS & WORK BOATS

TUG BOATS

SUPPLY VESSELS

LANDING CRAFTS

DREDGERS & HOPPER BARGES

PROJECT CARGO VESSELS

TANKERS

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PILOTBOATS

B_PILOT15



MAIN DIMENSIONS

LENGTH OVERALL	:	14.615 [m]
LENGTH WATERLINE	:	13.650 [m]
LENGTH BETWEEN PERPEDICULAR	:	12.575 [m]
BREADTH	:	4.200 [m]
DEPTH	:	2.400 [m]
DRAFT	:	0.960 [m]
DRAFT EXTREME	:	1.350 [m]
MAIN ENGINE	:	2 X350 [kW]
SPEED	:	14[kn]

B_PILOT17



MAIN DIMENSIONS

LENGTH OVERALL	:	17.000 [m]
LENGTH WATERLINE	:	15.715 [m]
LENGTH BETWEEN PERPEDICULAR	:	13.915 [m]
BREADTH	:	4.700 [m]
DEPTH	:	2.600 [m]
DRAFT	:	0.955 [m]
DRAFT EXTREME	:	1.775 [m]
MAIN ENGINE	:	2 X 550 [kW]
SPEED	:	17 [kn]

B_PILOT18



MAIN DIMENSIONS

LENGTH OVERALL : 18.000 [m]

LENGTH WATERLINE : 16.869 [m]

LENGTH BETWEEN PERPEDICULAR : 15.250 [m]

BREADTH : 5.700 [m]

DEPTH : 2.600 [m]

DRAFT : 1.650 [m]

DRAFT EXTREME : 2.000 [m]

MAIN ENGINE : 2 X 1080 [kW]

SPEED : 23 [kn]

Hull Steel

Superstructure Aluminium

B_PILOT18A



MAIN DIMENSIONS

LENGTH OVERALL : 18.000 [m]

LENGTH WATERLINE : 16.869 [m]

LENGTH BETWEEN PERPEDICULAR : 15.250 [m]

BREADTH : 5.700 [m]

DEPTH : 2.600 [m]

DRAFT : 1.600 [m]

DRAFT EXTREME : 2.000 [m]

MAIN ENGINE : 2 X 1029 [kW]

SPEED : 26 [kn]

Hull Steel

Superstructure Aluminium

WORKBOATS

B_MOORING10



MAIN DIMENSIONS

LENGTH OVERALL	:	9.850 [m]
LENGTH WATERLINE	:	9.076 [m]
LENGTH BETWEEN PERPEDICULAR	:	8.288 [m]
BREADTH	:	3.100 [m]
DEPTH	:	1.530 [m]
DRAFT	:	0.840 [m]
DRAFT EXTREME	:	1.310 [m]
MAIN ENGINE	:	1 X 200 [kW]
SPEED	:	9 [kn]

B_WORKBOAT10



MAIN DIMENSIONS

LENGTH OVERALL	:	10.000 [m]
LENGTH WATERLINE	:	10.000 [m]
LENGTH BETWEEN PERPEDICULAR	:	9.600 [m]
BREADTH	:	3.800 [m]
DEPTH	:	1.050 [m]
DRAFT	:	0.600 [m]
DRAFT EXTREME	:	0.610 [m]
MAIN ENGINE	:	1 X 60 [kW]
SPEED	:	6 [kn]

B_WORKBOAT12 (GARBAGE COLLECTOR BOAT)



MAIN DIMENSIONS

LENGTH OVERALL	:	12.000 [m]
LENGTH WATERLINE	:	12.000 [m]
LENGTH BETWEEN PERPEDICULAR	:	[m]
BREADTH	:	4.500 [m]
DEPTH	:	1.200 [m]
DRAFT	:	0.850 [m]
DRAFT EXTREME	:	0.980 [m]
MAIN ENGINE	:	150+96 [kW]
SPEED	:	5 [kn]

B_WORKBOAT15.8 (GARBAGE COLLECTOR BOAT)



MAIN DIMENSIONS

LENGTH OVERALL	:	15.800 [m] Extended 20.3m
LENGTH WATERLINE	:	15.717 [m]
LENGTH BETWEEN PERPEDICULAR	:	15.217 [m]
BREADTH	:	6.150 [m]
DEPTH	:	2.500 [m]
DRAFT	:	1.700 [m]
DRAFT EXTREME	:	1.780 [m]
MAIN ENGINE	:	2 x 294 [kW]
SPEED	:	9 [kn]

B_MOORING12.5_1



MAIN DIMENSIONS

LENGTH OVERALL	:	12.500 [m]
LENGTH WATERLINE	:	11.890 [m]
LENGTH BETWEEN PERPEDICULAR	:	11.120 [m]
BREADTH	:	4.000 [m]
DEPTH	:	1.720 [m]
DRAFT	:	1.150 [m]
DRAFT EXTREME	:	1.600 [m]
MAIN ENGINE	:	1 X 336 [kW]
SPEED	:	9 [kn]

B_MOORING12.5_1



MAIN DIMENSIONS

LENGTH OVERALL	:	12.500 [m]
LENGTH WATERLINE	:	11.700 [m]
LENGTH BETWEEN PERPENDICULAR	:	11.120 [m]
BREADTH	:	4.400 [m]
DEPTH	:	1.950 [m]
DRAFT	:	1.500 [m]
DRAFT EXTREME	:	1.900 [m]
MAIN ENGINE	:	1X 279 [kW]@1800 MAN D2866LXE
SPEED	:	9 [kn]
BOLLARD PULL	:	4 [t]

B_MOORING12.5_2



MAIN DIMENSIONS

LENGTH OVERALL	:	12.500 [m]
LENGTH WATERLINE	:	11.700 [m]
LENGTH BETWEEN PERPEDICULAR	:	11.120 [m]
BREADTH	:	4.400 [m]
DEPTH	:	1.950 [m]
DRAFT	:	1.500 [m]
DRAFT EXTREME	:	1.900 [m]
MAIN ENGINE	:	2 X 360 [kW]
SPEED	:	9 [kn]
BOLLARD PULL	:	9 [t]

B_BARGE18 DRILLING



MAIN DIMENSIONS

LENGTH OVERALL	:	17.944 [m]
LENGTH WATERLINE	:	17.619 [m]
LENGTH BETWEEN PERPEDICULAR	:	17.253 [m]
BREADTH	:	9.900 [m]
DEPTH	:	2.000 [m]
DRAFT	:	1.000 [m]
DRAFT EXTREME	:	1.200 [m]

B_BARGE40 CRANE



MAIN DIMENSIONS

LENGTH OVERALL	:	39.600 [m]
LENGTH WATERLINE	:	39.600 [m]
LENGTH BETWEEN PERPEDICULAR	:	38.412 [m]
BREADTH	:	12.000 [m]
DEPTH	:	3.700 [m]
DRAFT	:	3.000 [m]
DRAFT EXTREME	:	3.050 [m]

TUGS

B_TUG15_2A



MAIN DIMENSIONS

LENGTH OVERALL	:	14.600 [m]
LENGTH WATERLINE	:	14.322 [m]
LENGTH BETWEEN PERPEDICULAR	:	14.000 [m]
BREADTH	:	5.800 [m]
DEPTH	:	2.400 [m]
DRAFT	:	1.600 [m]
DRAFT EXTREME	:	2.580 [m]
MAIN ENGINE	:	2 X 552 [kW]
SPEED	:	11.5 [kn]
BOLLARD PULL	:	16 [t]

B_TUG15_2B



MAIN DIMENSIONS

LENGTH OVERALL	:	14.750 [m]
LENGTH WATERLINE	:	14.700 [m]
LENGTH BETWEEN PERPEDICULAR	:	13.680 [m]
BREADTH	:	6.400 [m]
DEPTH	:	2.500 [m]
DRAFT	:	1.400 [m]
DRAFT EXTREME	:	2.150 [m]
MAIN ENGINE	:	2 X 368 [kW]
SPEED	:	10 [kn]
BOLLARD PULL	:	10 [t]

B_TUG24_ASD



MAIN DIMENSIONS

LENGTH OVERALL	:	23.976 [m]
LENGTH WATERLINE	:	23.254 [m]
LENGTH BETWEEN PERPEDICULAR	:	22.578 [m]
BREADTH	:	9.000 [m]
DEPTH	:	4.150 [m]
DRAFT	:	3.000 [m]
DRAFT EXTREME	:	3.500 [m]
MAIN ENGINE	:	2 X 940 [kW]
SPEED	:	12 [kn]
BOLLARD PULL	:	30 [t]

B_TUG26_ASD



MAIN DIMENSIONS

LENGTH OVERALL	:	26.000 [m]
LENGTH WATERLINE	:	25.221 [m]
LENGTH BETWEEN PERPEDICULAR	:	24.213 [m]
BREADTH	:	9.500 [m]
DEPTH	:	4.650 [m]
DRAFT	:	3.000 [m]
DRAFT EXTREME	:	3.550 [m]
MAIN ENGINE	:	2 X 1140 [kW]
SPEED	:	12 [kn]
BOLLARD PULL	:	30 [t]

B_TUG26_CPP



MAIN DIMENSIONS

LENGTH OVERALL	:	26.000 [m]
LENGTH WATERLINE	:	25.162 [m]
LENGTH BETWEEN PERPEDICULAR	:	23.767 [m]
BREADTH	:	9.500 [m]
DEPTH	:	4.150 [m]
DRAFT	:	3.000 [m]
DRAFT EXTREME	:	3.600 [m]
MAIN ENGINE	:	2 x 1305 [kW]
SPEED	:	12 [kn]
BOLLARD PULL	:	45 [t]

BTUG32m70tASD



MAIN DIMENSIONS

LENGTH OVERALL	:	32.000 [m]
LENGTH WATERLINE	:	30.819 [m]
LENGTH BETWEEN PERPEDICULAR	:	28.056 [m]
BREADTH	:	11.800 [m]
DEPTH	:	5.550 [m]
DRAFT	:	3.900 [m]
DRAFT EXTREME	:	4.770 [m]
MAIN ENGINE	:	2 x 2100 [kW]@1000RPM
SPEED	:	13 [kn]
BOLLARD PULL	:	70 [t]

B_TUG31.5_VOITH28R5/234-2 TRACTOR



MAIN DIMENSIONS

LENGTH OVERALL	:	31.500 [m]
LENGTH WATERLINE	:	30.000 [m]
LENGTH BETWEEN PERPEDICULAR	:	[m]
BREADTH	:	11.200 [m]
DEPTH	:	4.550 [m]
DRAFT	:	3.100 [m]
DRAFT EXTREME	:	5.550 [m]
MAIN ENGINE	:	2 x 2040 [kW]
SPEED	:	13 [kn]
BOLLARD PULL	:	60 [t]

B_TUG33_VOITH30R5/250-2 TRACTOR



MAIN DIMENSIONS

LENGTH OVERALL	:	33.000 [m]
LENGTH WATERLINE	:	31.440 [m]
LENGTH BETWEEN PERPEDICULAR	:	[m]
BREADTH	:	11.800 [m]
DEPTH	:	4.550 [m]
DRAFT	:	3.200 [m]
DRAFT EXTREME	:	5.600 [m]
MAIN ENGINE	:	2 x 2400 [kW]
SPEED	:	13 [kn]
BOLLARD PULL	:	60 [t]

B_TUG36_VOITH30R5/250-2 TRACTOR



MAIN DIMENSIONS

LENGTH OVERALL	:	36.000 [m]
LENGTH WATERLINE	:	34.371 [m]
LENGTH BETWEEN PERPEDICULAR	:	[m]
BREADTH	:	12.600 [m]
DEPTH	:	4.400 [m]
DRAFT	:	3.200 [m]
DRAFT EXTREME	:	5.800 [m]
MAIN ENGINE	:	2 x 2650 [kW]
SPEED	:	14 [kn]
BOLLARD PULL	:	60 [t]

B_TUG38.5_VOITH36R6/255-2 TRACTOR



MAIN DIMENSIONS

LENGTH OVERALL	:	38.500 [m]
LENGTH WATERLINE	:	37.072 [m]
LENGTH BETWEEN PERPEDICULAR	:	[m]
BREADTH	:	13.200 [m]
DEPTH	:	5.000 [m]
DRAFT	:	4.090 [m]
DRAFT EXTREME	:	6.800 [m]
MAIN ENGINE	:	2 x 3536 [kW]
SPEED	:	14 [kn]
BOLLARD PULL	:	80 [t]

B_SUPPLY42



MAIN DIMENSIONS

LENGTH OVERALL	:	42.000 [m]
LENGTH WATERLINE	:	41.695 [m]
LENGTH BETWEEN PERPEDICULAR	:	[m]
BREADTH	:	12.500 [m]
DEPTH	:	4.900 [m]
DRAFT	:	3.546 [m]
DRAFT EXTREME	:	3.600 [m]
MAIN ENGINE	:	3 x 1268 [kW]
SPEED	:	14 [kn]
BOLLARD PULL	:	50 [t]

LANDING CRAFT

B_LANDING36 (INLAND)



MAIN DIMENSIONS

LENGTH OVERALL : 36.000 [m]

LENGTH WATERLINE : 33.527 [m]

LENGTH BETWEEN PERPEDICULAR : 32.521 [m]

BREADTH : 13.000 [m]

DEPTH : 3.200 [m]

DRAFT : 1.900 [m]

DRAFT EXTREME : 1.920 [m]

MAIN ENGINE : 2 x 270[kW]

SPEED : 10 [kn]

CAPACITIES : PASS:60 + 40/ CAR 30 / 5 TRUCK+ 12 CAR

B_LANDING41 (INLAND)



MAIN DIMENSIONS

LENGTH OVERALL : 41.000 [m]

LENGTH WATERLINE : 39.410 [m]

LENGTH BETWEEN PERPENDICULAR : [m]

BREADTH : 13.000 [m]

DEPTH : 4.060 [m]

DRAFT : 1.950 [m]

DRAFT EXTREME : 1.970 [m]

MAIN ENGINE : 1 x 441[kW]

SPEED : 11 [kn]

CAPACITIES : PASS:50 + 40/ CAR 34 / 8 TRUCK+ 12 CAR

B_LANDING78



MAIN DIMENSIONS

LENGTH OVERALL	:	77.500 [m]
LENGTH WATERLINE	:	69.796 [m]
LENGTH BETWEEN PERPEDICULAR	:	69.847 [m]
BREADTH	:	18.200 [m]
DEPTH	:	3.750 [m]
DRAFT	:	2.606 [m]
DRAFT EXTREME	:	2.650 [m]
MAIN ENGINE	:	3 x 557[kW]
SPEED	:	14 [kn]
CAPACITIES :	CAR 87 / 19 TRUCK	

HOPPER BARGE

SPLIT BARGE 350m³



MAIN DIMENSIONS

LENGTH OVERALL	:	49.300 [m]
LENGTH WATERLINE	:	49.300 [m]
LENGTH BETWEEN PERPEDICULAR	:	47.821 [m]
BREADTH	:	8.300 [m]
DEPTH	:	3.500 [m]
DRAFT	:	3.090 [m]
DRAFT EXTREME	:	3.250 [m]
MAIN ENGINE	:	2 x 290[kW]
SPEED	:	7 [kn]
CAPACITIES	:	3500 [m ³]

B_HOPPERBARGE50



MAIN DIMENSIONS

LENGTH OVERALL	:	49.900 [m]
LENGTH WATERLINE	:	49.900 [m]
LENGTH BETWEEN PERPEDICULAR	:	48.403 [m]
BREADTH	:	18.500 [m]
DEPTH	:	4.500 [m]
DRAFT	:	3.500 [m]
DRAFT EXTREME	:	3.520 [m]
MAIN ENGINE	:	2 x 290[kW]
SPEED	:	7 [kn]
CAPACITIES	:	1000 [m ³]

B_DREDGER_HOPPERBARGE50



MAIN DIMENSIONS

LENGTH OVERALL	:	49.900 [m]
LENGTH WATERLINE	:	49.900 [m]
LENGTH BETWEEN PERPEDICULAR	:	48.403 [m]
BREADTH	:	18.500 [m]
DEPTH	:	4.500 [m]
DRAFT	:	3.500 [m]
DRAFT EXTREME	:	3.520 [m]
MAIN ENGINE	:	2 x 290[kW]
SPEED	:	7 [kn]
CAPACITIES	:	1000 [m ³]

SPLIT BARGE 2000m³ (ÜÇEL)



LENGTH OVERALL	:	62.000 [m]
LENGTH WATERLINE	:	62.000 [m]
LENGTH BETWEEN PERPEDICULAR	:	59.520 [m]
BREADTH	:	16.000 [m]
DEPTH	:	5.000 [m]
DRAFT	:	4.500 [m]
DRAFT EXTREME	:	4.550 [m]
MAIN GEN	:	777[kW]
SPEED	:	--[kn]
CAPACITIES	:	2000 [m ³]

DREDGER

DREDGER BACKHOE LIEBHERR 970



MAIN DIMENSIONS

LENGTH OVERALL	:	30.000 [m]
LENGTH WATERLINE	:	29.778 [m]
LENGTH BETWEEN PERPEDICULAR	:	28.587 [m]
BREADTH	:	10.500 [m]
DEPTH	:	3.000/2.500 [m]
DRAFT	:	1.700 [m]
DRAFT EXTREME	:	1.800 [m]
EXCHAVATOR	:	330[kW]
SPEED	:	-- [kn]
CAPACITIES	:	3 [m ³]

PROJECT CARGO

B_CARGO80_3000



MAIN DIMENSIONS

LENGTH OVERALL	:	80.284 [m]
LENGTH WATERLINE	:	78.492 [m]
LENGTH BETWEEN PERPEDICULAR	:	77.292 [m]
BREADTH	:	12.500 [m]
DEPTH	:	6.100 [m]
DRAFT	:	4.760 [m]
DRAFT EXTREME	:	4.800 [m]
MAIN ENGINE	:	1 x 1140[kW]
SPEED	:	11 [kn]
CAPACITIES	:	DWT=3000 [t]

B_CARGO80_3850



MAIN DIMENSIONS

LENGTH OVERALL	:	80.100 [m]
LENGTH WATERLINE	:	78.380 [m]
LENGTH BETWEEN PERPEDICULAR	:	77.305 [m]
BREADTH	:	15.000 [m]
DEPTH	:	7.100 [m]
DRAFT	:	5.850 [m]
DRAFT EXTREME	:	5.880 [m]
MAIN ENGINE	:	1 x 1980[kW]
SPEED	:	12.5 [kn]
CAPACITIES	:	DWT=3850 [t]

TANKER

B_TANKER60_1650



MAIN DIMENSIONS

LENGTH OVERALL	:	59.200 [m]
LENGTH WATERLINE	:	57.513 [m]
LENGTH BETWEEN PERPEDICULAR	:	55.713 [m]
BREADTH	:	10.800 [m]
DEPTH	:	5.600 [m]
DRAFT	:	4.666 [m]
DRAFT EXTREME	:	4.670 [m]
MAIN ENGINE	:	2 x 458[kW]
SPEED	:	9.0 [kn]
CAPACITIES	:	DWT=1650 [t]

B_TANKER100_4900



MAIN DIMENSIONS

LENGTH OVERALL	:	99.481 [m]
LENGTH WATERLINE	:	97.020 [m]
LENGTH BETWEEN PERPEDICULAR	:	94.020 [m]
BREADTH	:	15.600 [m]
DEPTH	:	5.750 [m]
DRAFT	:	4.832 [m]
DRAFT EXTREME	:	4.850 [m]
MAIN ENGINE	:	2 x 1140[kW]
SPEED	:	12.0 [kn]
CAPACITIES	:	DWT=4900[t]

B_TANKER100_5500



MAIN DIMENSIONS

LENGTH OVERALL	:	99.980 [m]
LENGTH WATERLINE	:	94.900 [m]
LENGTH BETWEEN PERPEDICULAR	:	92.750 [m]
BREADTH	:	16.000 [m]
DEPTH	:	8.200 [m]
DRAFT	:	6.800 [m]
DRAFT EXTREME	:	6.820 [m]
MAIN ENGINE	:	1 x 3000[kW]
SPEED	:	14.0 [kn]
CAPACITIES	:	DWT=5500[t]

SPECIAL VESSELS

IBEEV



MAIN DIMENSIONS

MAIN DECK LENGTH : 45.10 [m]

MAIN DECK WIDTH : 8.00 [m]

DEPTH : 3.60 [m]

RECONSTRUCTION

SCARABEO 7 (STEEL DETAIL DESIGN)



MAIN DIMENSIONS

MAIN DECK LENGTH : 122.70 [m]

MAIN DECK WIDTH : 64.60 [m]

LIGHTSHIP : 20312 [t]

DRILLING DRAFT : 18.29 [m]

MOON POOL DIMENSION 6.3[m] x 24.6 [m]

DRILLING DEPTH 1500 [m]