



FLOATING CRANE



MAJA

MAIN DESCRIPTION		DECK CARGO CAPACITY	
CLASS	*KM FLOATING CRANE III [1] L3	DECK CARGO CAPACITY	800 TONS
TYPE	SELF PROPELLED, REVOLVED FLOATING CRANE	CARGO DECK AREA	19,2 x 19,2 m
PORT OF REGISTRY	GDYNIA	CARGO DECK STRENGTH	6 - 10 TONS / m ²
CALL SIGN	SQKR	DECK EQUIPMENT	
FLAG	POLISH	MOORING WINCHES	4
IMO NUMBER	8829127	ANCHOR WINCHES	4
DELIVERED	1980	WORK CONDITIONS	
CLASSIFICATION	PRS	WORK OF CRANE	FORCE OF WIND UP TO 5 ⁰ B
MAIN DIMENSIONS			HIGHT OF WAVE UP TO 2 m
LOA	55,49 m	SAILING	FORCE OF WIND UP TO 6 ⁰ B
BREADTH	25,02 m	MAX. SPEED	6 KNOTS
DRAUGHT	2,85 m	TANKS CAPACITY	
GRT	1964 TONS	FUEL OIL	94 m ³
NRT	589 TONS	POTABLE WATER	25 m ³
CRANE		BALLAST WATER	200 m ³
MAIN HOOK	330 TONS	ENGINES AND PROPULLSION	
SMALL HOOK	100 TONS	MAIN ENGINES	2 x SULZER 6AL25/30
MAIN HOOK SPEED	0,15 - 3,5 m/min	BHP	2170
SMALL HOOK SPEED	0,15 - 5,5 m/min	ALTERNATORS	2 x 1250 kVA
360° REVOLVING TIME	4,5 min	PROPELLERS	3 CYCLOIDAL ON AFT OF PONTOON
		OTHER	
		SUBMERSIBLE SALVAGE PUMPS, ACCOMODATION UP TO 13 PERSONS INCLUDING CREW, CAN BE INCREASED	

Thanks to her construction she is able to:

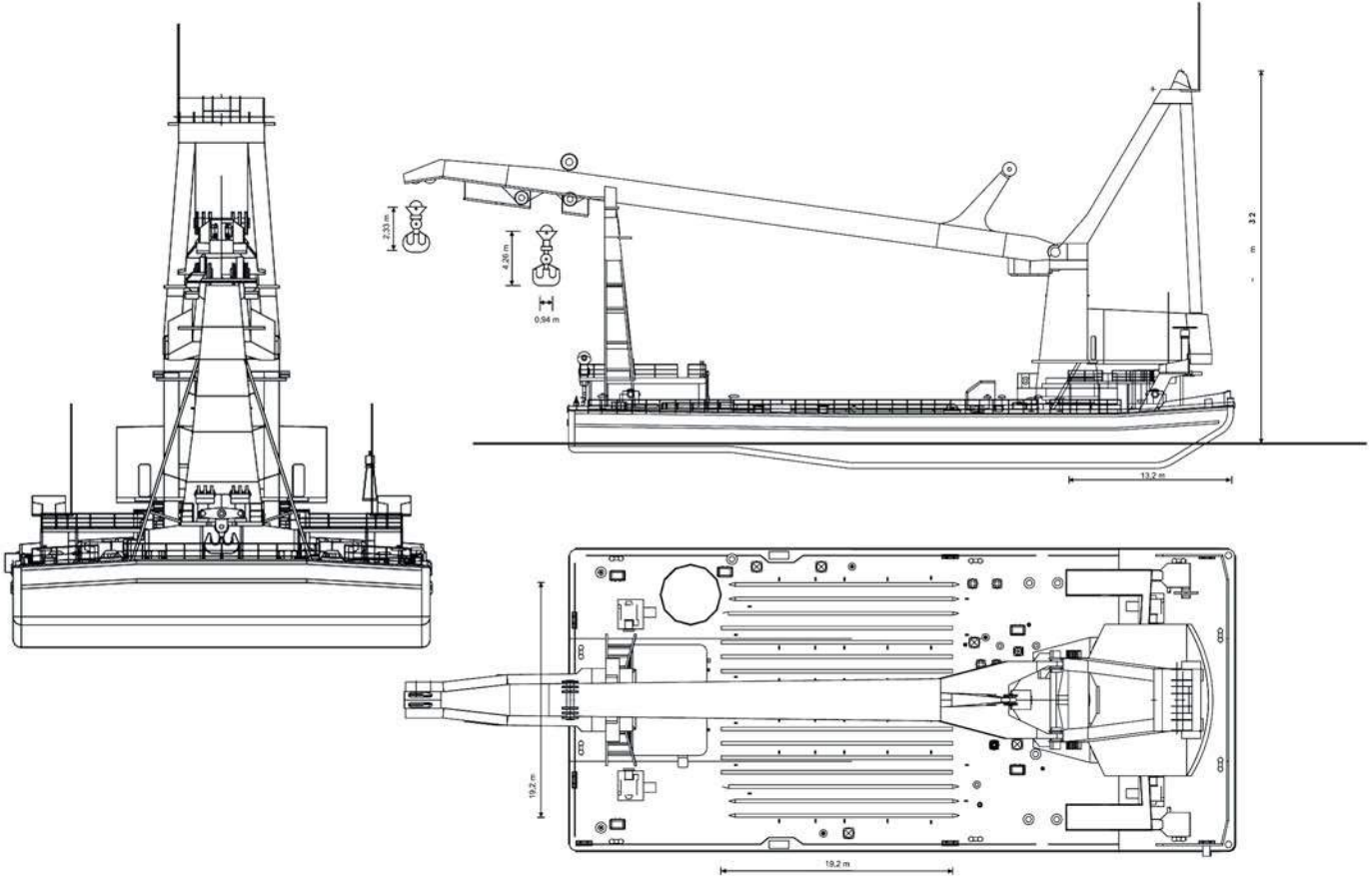
- lift cargoes of weight to 330 tons (including lifting equipment: slings shackles, beams etc.),
- rotate the cargo horizontally,
- using two hooks - 330 tons and 100 tons - a cargoes can be rotated also vertically,
- transport of the cargo inside the closed waters and ports on the one hook or two hooks,
- unlike the sheerleg, transport a cargo up to 800 tons on the deck through the open sea

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self propelled revolving arm floating crane
330 tons lifting capacity



MAIN HOOK 330 T - CRANE RADIUS FROM AXIS OF ROTATION - SIDE PROGRAM																										
	330 T		300 T			275 T			220 T			165 T				132 T										
HEIGHT ABOVE WATER LEVEL (m)	46.0	46.0	45.3	44.3	43.7	43.0	42.3	41.5	40.8	40.4	39.4	38.6	38.0	37.4	36.7	36.0	35.1	34.2	33.3	32.0	30.2	29.6	28.7	27.4	25.4	24.0
RADIUS (m)	15.0	15.0	16.0	17.0	18.0	18.8	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.4	28.0	29.0	30.0	31.0	32.0	33.0	34.2	35.0	36.0	37.0	38.0	38.7

MAIN HOOK 330 T - CRANE RADIUS FROM AXIS OF ROTATION - BOW PROGRAM (0-17 DEGREES FROM SYMMETRY LINE)																								
	330 T						275 T			220 T			165 T											
HEIGHT ABOVE WATER LEVEL (m)	46.0	45.3	45.0	44.5	44.0	44.0	43.5	43.0	42.5	42.0	41.0	40.5	40.5	40.0	39.0	38.0	37.0	36.0	35.0	34.0	32.5	31.0	29.5	29.0
RADIUS (m)	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.7	28.0	29.0	29.7	31.0	32.0	32.7	34.0	35.0	36.0	37.0	38.0	38.7

HOOK 100 T - CRANE RADIUS FROM AXIS OF ROTATION																									
	100 T																								
HEIGHT ABOVE WATER LEVEL (m)	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36
RADIUS (m)	18.0	19.2	20.5	21.7	22.6	24.0	25.2	26.6	27.8	29.0	30.2	31.4	32.6	34.0	35.2	36.4	37.6	39.0	40.2	41.4	42.6	44.0	45.0	46.3	47.7

tables do not contain pontoon list

vessels particulars believed to be correct but not guaranteed

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