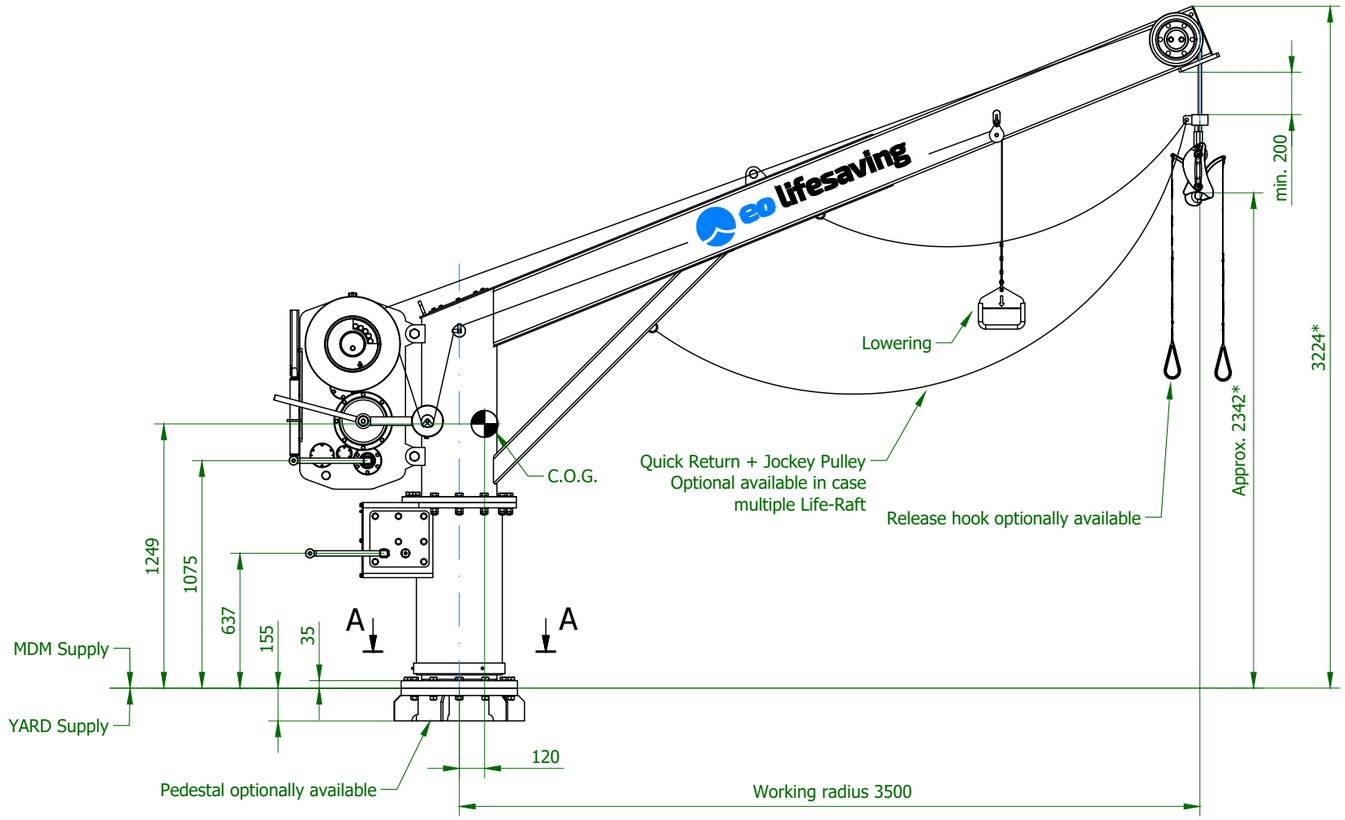
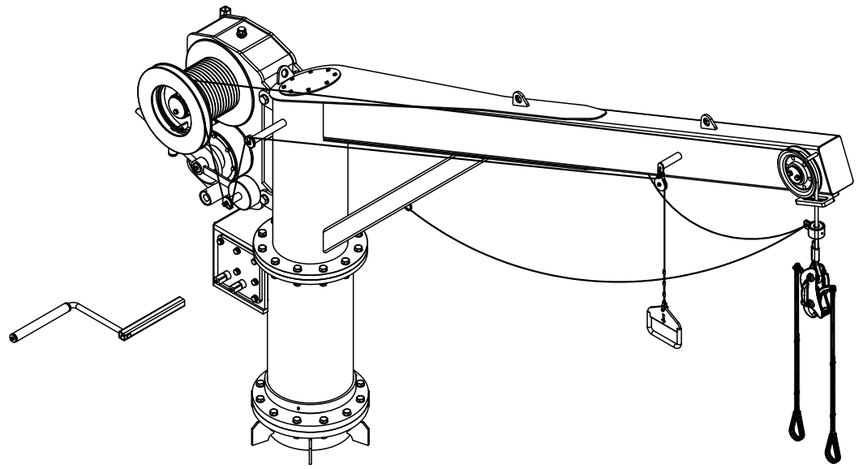
* Optional: height can be reduced upon requirement.
Details to be discussed.

Drawing for information only.
Maritime Deck Machinery has the right to change the design if it sees fit.



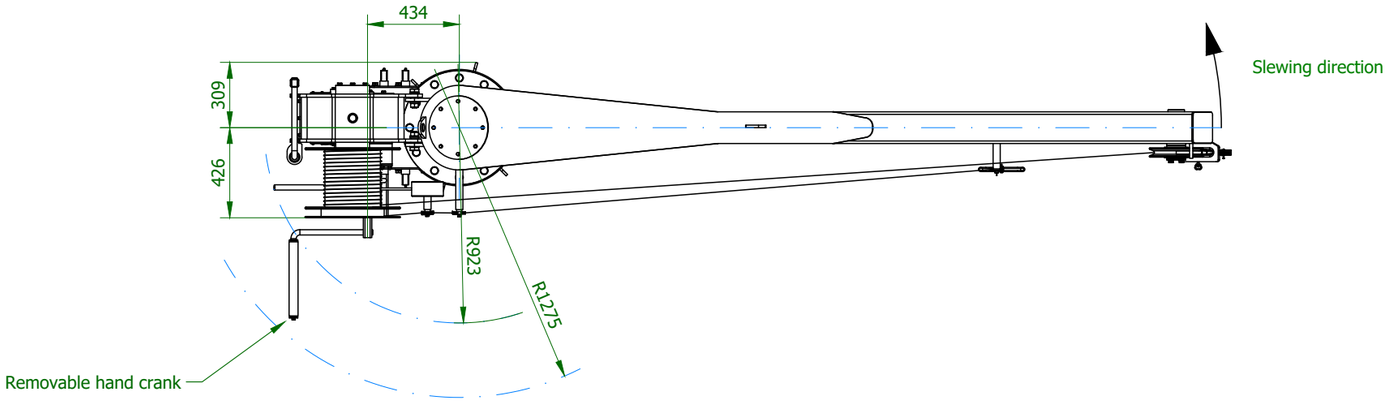


Recommended connection parts:

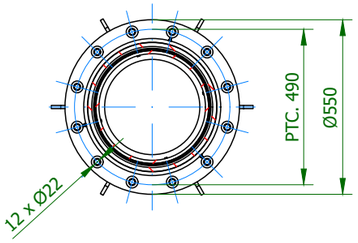
- Bolts M20x110, quality 10.9, DIN 6914 HDG	Quantity: 12
- Nuts M20, quality 10, DIN 934 HDG	Quantity: 12
- Washers M20, DIN 126 - 200HV HDG	Quantity: 24

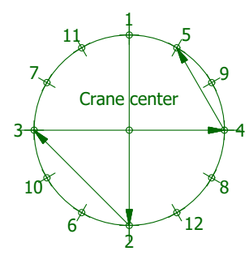
Tightening torque without lubrication = 580 Nm
Note: not lubricated

Sea side

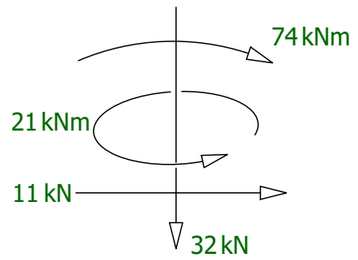


A-A (1:20)





First 40%
Second 70%
Final 100%



- Indicated forces are based on list and trim as mentioned in the SOLAS rules and regulation (20°/10° List and Trim).
- Forces are action forces and deck foundation should provide reaction strength.
- Deckforces including 10 % additional crane weight to compensate small fluctuations in system weight and position of COG.
- Indicated forces and moments are based SWL and above mentioned load situations.
- For deck structure integrity additional safety factors applicable for hull design should be applied.

Left hand version has been drawn.
Right hand version is in opposite hand.

General Data		
Working Radius:	3500 mm	
Maximum slewing angle:	360°	Manual
Minimum Working Load:	1 kN	Gravity Lowering
Survival craft:	Liferaft	
Safe Working Load (S.W.L.):	15 kN	
Maximum Slewing Load:	10 kN	
Maximum Hoisting Load:	15 kN	Manually

Winch Data:	
Winch manufacturer:	Maritime Deck Machinery b.v.
Winch type:	W-6116 M
Winch drive:	Manual

Wire rope data:	
Diameter:	14 mm
Minimum Breaking Load:	188 kN, incl. pressed thimble
Rotation-resistant:	multi strand, non-rotating
Corrosion-resistant:	Galvanized, incl. pressed thimble

Total (dry) mass approx.: 1390 kg
(pedestal not included)

Rev.	Date	Description	Name
F	-		RdR
E	09.12.2018	Crank handle	OK
D	16.05.2018	Update	RdR
C	30.01.2018	Wirerope data modified	RdR
B	11.01.2018	Data matrix updated	RdR
A	09.01.2018	Data matrix updated	RdR

Title: General arrangement & data for deck foundation CM-52 15-3.5 L

eo lifesaving

Creator:	W.Watroba
Checked:	L. Frac
Approved:	R. de Ridder
Date:	25.05.2017

Size:	Scale:	Units:	Projection:	Drawing Nr.:	Revision:
A1	-	mm		C3-0101	E

Designed and manufactured by Maritime Deck Machinery