

EnerLift-50

EnerMech Modular Temporary Crane

Optimized for safe and enhanced rig-up / rig down for any offshore temporary lifting operation

Background

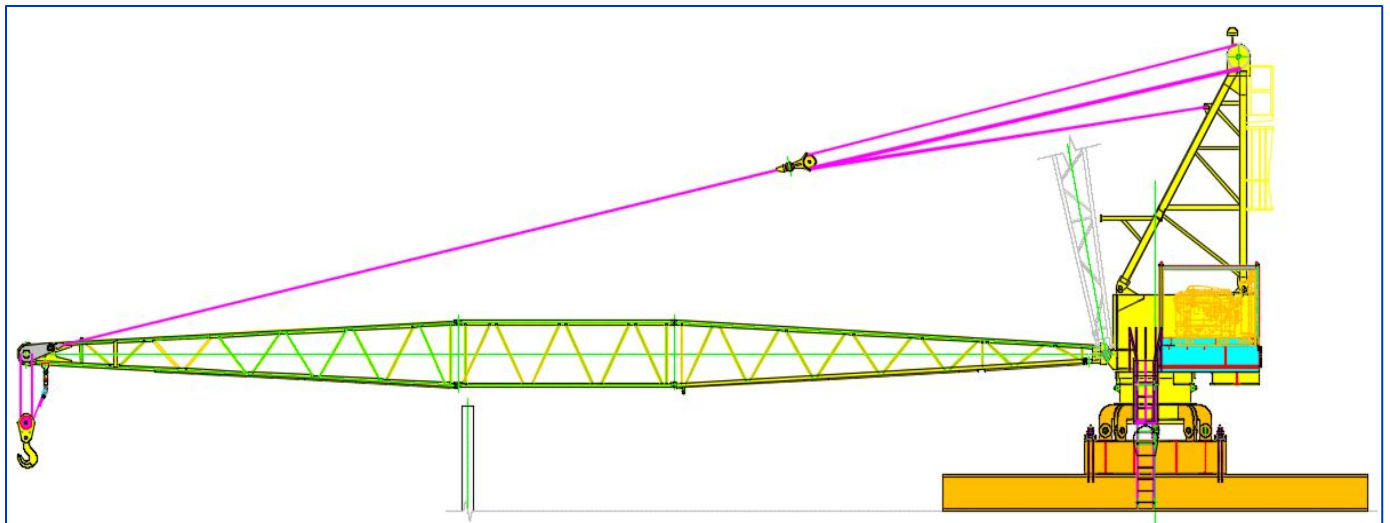
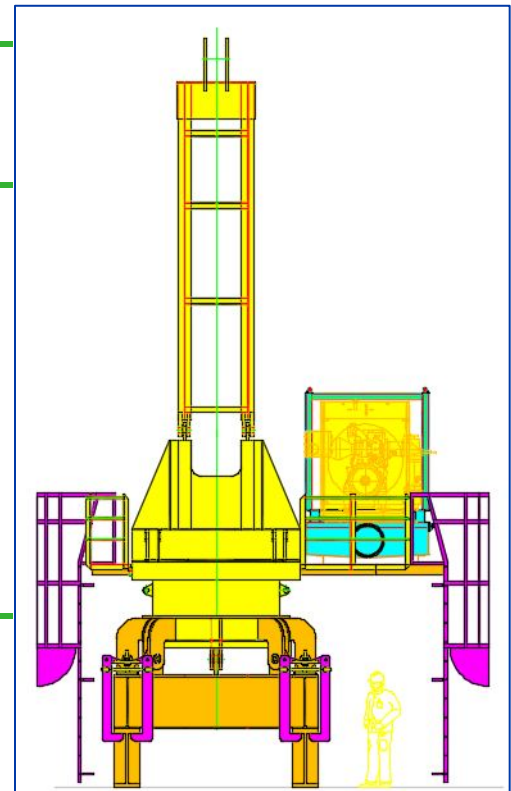
Code of Construction..... API 2C 7th edition, march 2012

General Description

Max load onboard Main Hoist.....	42.3 Te
Max load offboard Main Hoist.....	42.3 Te
Max Hook Speed (Main Hoist).....	-- M/Min
Boom Length	30.48 M
Hook Maximum Travel.....	30 M
Hook Maximum Radius.....	30.48 M
Hook Minimum Radius.....	7.62 M
Modular design	12 t max per elements
Offshore friendly design	Substructure type design
Offshore friendly design	Key components crash protected
Efficient design	Clamp systems to eliminate hot work

Components data

Engine	Caterpillar 3406
Main Hoist	--
Main hoist rope	¾" (19mm), RR EIPS,
Boom hoist rope	1"1(25mm), EIPS
Boom Hoist	--



For all enquiries email: enerliftcranes@enermech.com

EnerLift 50 Load Chart

RADIUS (M)	BOOM ANGLE (DEG)	MAIN HOIST	
		FOUR PART REEVING	
		ONBOARD LIFT (KG)	OFFBOARD LIFT (KG)
7.62	78.0	42300	42300
9.14	75.0	42300	42300
10.67	72.0	42300	42300
12.19	69.0	38330	38330
13.72	66.0	33630	33630
15.24	63.0	29870	29870
16.76	60.0	26790	26790
18.29	57.0	24230	24230
19.81	53.0	22060	22060
21.34	49.0	20210	20210
22.86	45.0	18600	18600
24.38	41.0	17200	17200
25.91	37.0	15970	15970
27.43	32.0	14870	14870
28.96	26.0	13900	13900
30.48	18.0	13040	13040

NOTES:

- 1) Offboard lifts based on $SWL \times C_v$
- 2) C_v is the vertical dynamic coefficient determined by
* Default dynamic method – offboard lifts from fixed platform
- 3) Sheave efficiency considered
- 4) All ratings in accordance with API specification 2C (Spec 2C0, seventh edition, March 2012).

EnerLift Rental Cranes Datasheet

EnerLift 50 – Dimensions & Weights

Item	Qty	Description		Length	Width	Height	Net Weight	Total Weight
				mm	mm	mm	LBS	Kg
1	-	Power Assembly		-	-	-	-	-
2	-	Gantry Assembly		-	-	-	7450	3379
3	-	Boom Base		-	-	-	4350	1973
4	-	Boom Point		-	-	-	6450	2925
5	-	20 Ft Boom Insert		-	-	-	2200	998
6	-	30 Ft Boom Insert		-	-	-	3000	1364
7	-	40 Ft Boom Insert		-	-	-	4000	1814
8	-	Sheave Extension		-	-	-	550	249
9	-	Mounting Flange		-	-	-	8250	3742
10	-	Swing Bearing		-	-	-	3950	1791
11	-	Std. Block (3 Sheave)		-	-	-	1275	578
12	-	Standard Ball		-	-	-	448	203
13	-	Pendant lines (2)		-	-	-	920	417
14	-	Upperworks		-	-	-	-	12000

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