EQUIPMENT SHEET

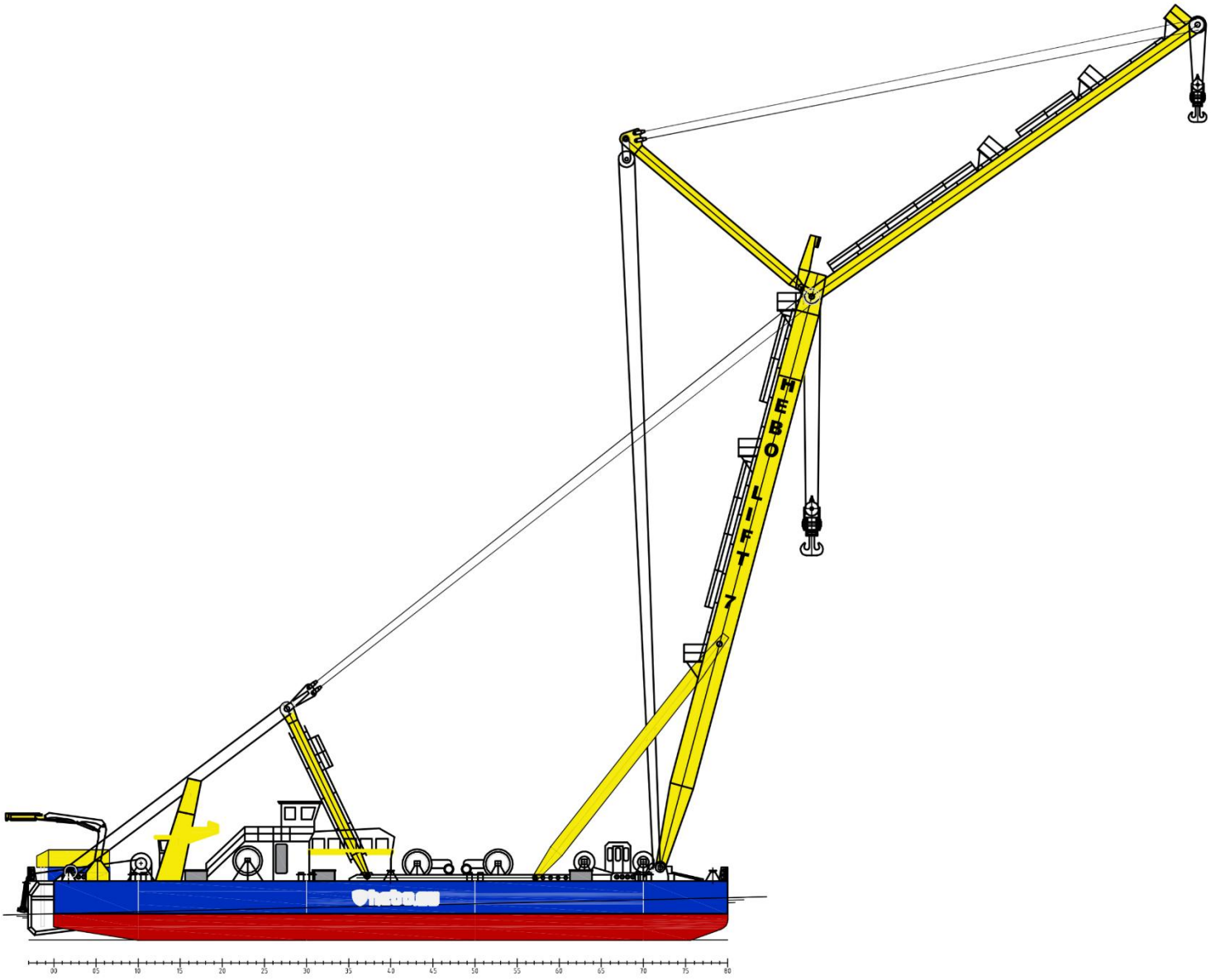
HEBO-LIFT 7

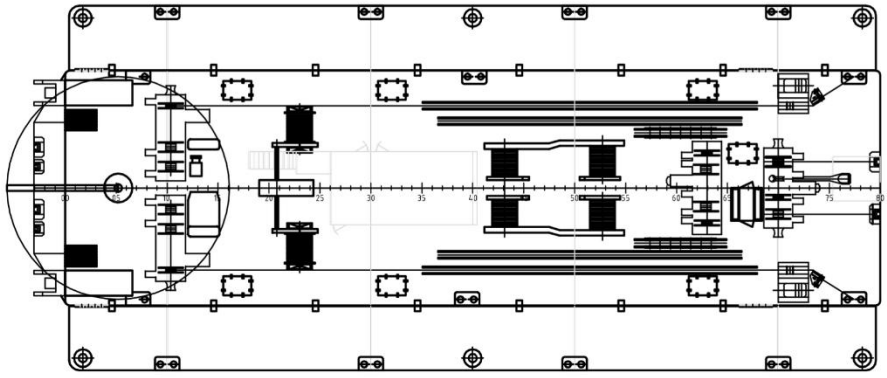
FLOATING SHEERLEG

MAIN DATA	
Owner	HEBO-LIFT 7
Type	Floating Sheerleg
Classification	-
Tonnage or measurements certificate number (meetbrief)	AN 3307
ENI (European Number of Identification	02508680
Certificate (CvO)	SI 0652
Flag	Dutch

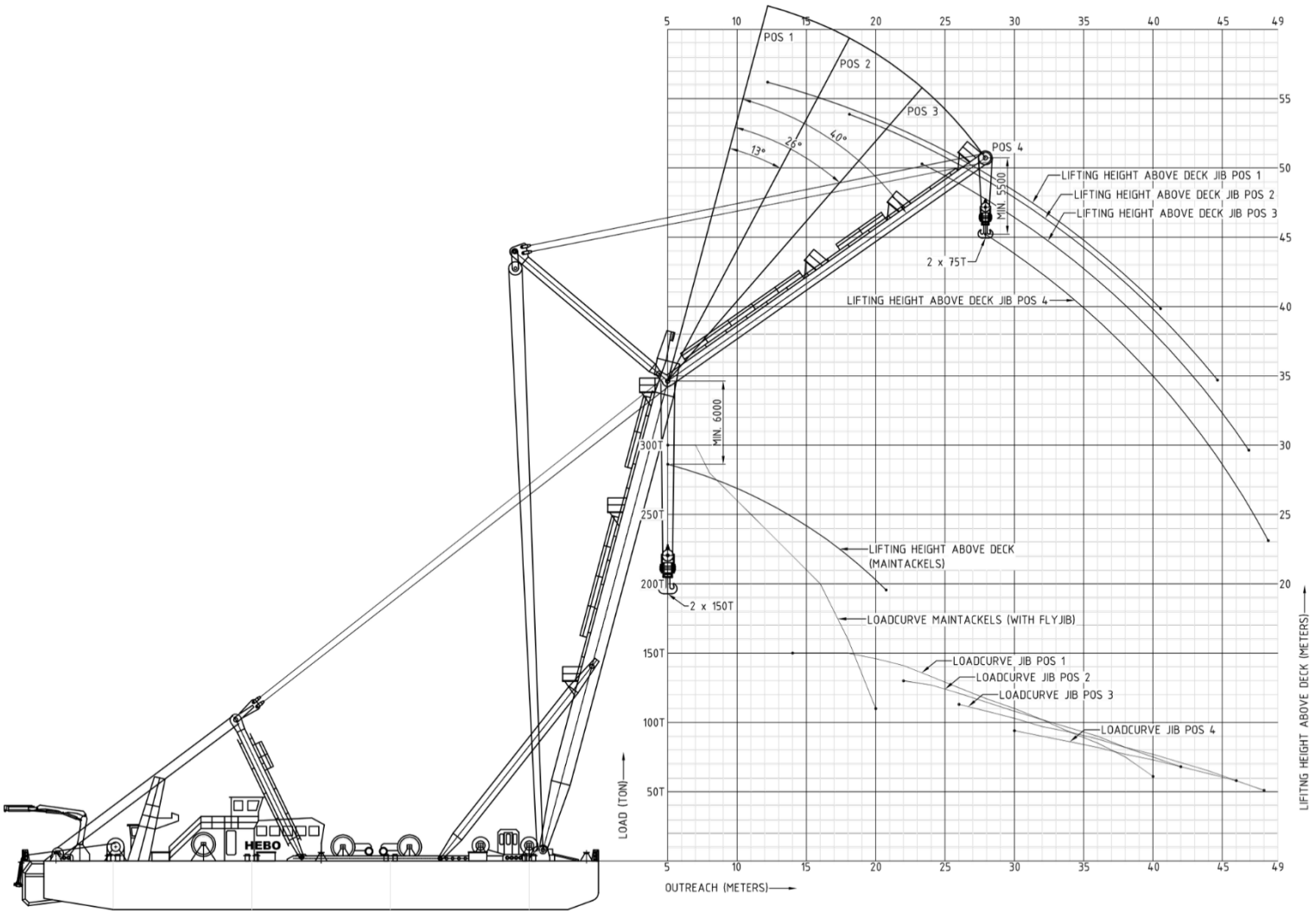
FEATURES
Accomodation for 30 people (can be increased)
Certificate for navigation on the Rhine

TECHNICAL DATA	
LOA Working	41,54 m
LOA Sailing (incl. boom laid down forward on pontoon)	110,00 m
BOA Working (incl. side pontoons)	17,85 m
BOA Sailing	11,50 m
Air draught (boom and jib laid down forward on pontoon)	6,00 m
Air draught (boom laid down backwards – sea passage)	17,00 m
Draught Sailing (incl. side pontoons)	1,50 m
Draught Sailing (incl. boom laid down forward on pontoon)	1,50 m
Max. capacity Main Hooks	2 x 150 t
Max. capacity Jib Hooks	2 x 74 t
Max. capacity Main Runner	3 x 5 t
Max. capacity Jib Runner	1 x 5 t
Gross tonnage	845,86 t
Propulsion	2 x 275 hp SRP (Schottel Rudder Propeller)





For reference only



For reference only

Main boom*

Max. load (T)	Outreach (M) No jib installed	Outreach (M) Jib installed	Lifting height (M) Jib installed	Draught in bow (M) Jib installed	Draught in stern Jib installed
300	5,00-10,00	6,80	29,00	3,08	0,86
295	11,00	7,15	28,85	3,03	0,89
290	12,00	7,40	28,70	2,99	0,91
285	12,50	7,80	28,55	2,97	0,93
280	13,00	8,15	28,40	2,93	0,95
275	13,50	8,60	28,30	2,90	0,97
270	14,00	9,05	28,15	2,85	0,99
265	14,50	9,50	28,05	2,83	1,01
260	15,00	10,05	27,90	2,80	1,03
255	15,30	10,50	27,75	2,76	1,05
250	15,60	10,95	27,60	2,73	1,07
245	16,00	11,40	27,40	2,69	1,09
240	16,20	11,85	27,20	2,66	1,10
235	16,40	12,30	27,00	2,64	1,12
230	16,70	12,75	26,80	2,61	1,13
225	17,00	13,20	26,60	2,58	1,15
220	17,20	13,75	26,40	2,55	1,16
215	17,40	14,30	26,20	2,51	1,18
210	17,70	14,60	26,00	2,49	1,20
205	18,00	15,10	25,70	2,47	1,20
200	18,20	15,55	25,40	2,45	1,20
195	18,40	15,90	25,10	2,43	1,21
190	18,70	16,30	24,90	2,41	1,21
185	19,00	16,70	24,70	2,40	1,21
180	19,20	17,05	24,40	2,37	1,22
175	19,40	17,35	24,20	2,37	1,22
170	19,70	17,65	24,00	2,35	1,22
165	20,00	17,95	23,70	2,33	1,23
160		18,15	23,50	2,32	1,23

Main boom*

Max. load (T)	Outreach (M) No jib installed	Outreach (M) Jib installed	Lifting height (M) Jib installed	Draught in bow (M) Jib installed	Draught in stern Jib installed
155		18,45	23,30	2,31	1,23
150		18,65	23,10	2,28	1,23
145		18,90	23,00	2,27	1,24
140		19,05	22,80	2,25	1,24
135		19,25	22,60	2,24	1,24
130		19,40	22,50	2,,22	1,24
125		19,60	22,30	2,20	1,24
120		19,80	22,20	2,19	1,24
115		19,90	22,00	2,17	1,24
110		20,05	21,90	2,16	1,24
105		20,20	21,80	2,14	1,25
100		20,30	21,70	2,13	1,25
95		20,40	21,60	2,12	1,25

For reference only

Jib (0°)*				
Max. load (T)	**Outreach (M)**	**Lifting height (M)**	**Draught in bow (M)**	**Draught in stern**
150	13,60	57,50	2,19	1,33
150	15,10	56,80	2,27	1,25
145	18,10	55,90	2,25	1,25
140	20,50	55,00	2,24	1,25
135	22,50	54,10	2,23	1,25
130	24,40	53,20	2,21	1,25
125	26,00	52,30	2,19	1,25
120	27,50	51,30	2,18	1,25
115	28,80	50,50	2,16	1,25
110	30,05	49,60	2,15	1,25
105	31,30	48,70	2,14	1,25
100	32,35	47,90	2,12	1,25
95	33,50	47,30	2,11	1,25
90	34,50	46,50	2,09	1,25
85	35,50	45,70	2,08	1,26
80	36,50	45,00	2,06	1,26
75	37,50	44,20	2,05	1,26
70	38,30	43,50	2,03	1,26
65	39,20	42,90	2,02	1,26
60	40,10	42,20	2,00	1,26

For reference only

Jib (13°)*				
Max. load (T)	**Outreach (M)**	**Lifting height (M)**	**Draught in bow (M)**	**Draught in stern**
130	21,70	53,90	2,35	1,13
125	24,15	53,10	2,32	1,14
120	26,34	52,10	2,29	1,16
115	28,20	51,10	2,26	1,17
110	29,85	50,10	2,23	1,19
105	31,40	49,00	2,21	1,20
100	32,82	48,00	2,18	1,21
95	34,25	46,90	2,16	1,22
90	35,55	45,80	2,14	1,23
85	36,55	44,70	2,12	1,23
80	37,80	43,60	2,09	1,24
75	38,90	42,60	2,07	1,25
70	40,00	41,50	2,05	1,26
65	41,05	40,40	2,03	1,27
60	42,05	39,40	2,01	1,27
55	43,10	38,35	1,98	1,28
50	44,10	37,30	1,95	1,29

For reference only

Jib (26°)*				
Max. load (T)	**Outreach (M)**	**Lifting height (M)**	**Draught in bow (M)**	**Draught in stern**
110	26,20	50,10	2,30	1,10
105	28,40	48,10	2,26	1,12
100	31,95	46,40	2,22	1,14
95	33,95	44,90	2,20	1,16
90	35,70	43,70	2,17	1,17
85	37,70	42,30	2,14	1,18
80	38,70	41,00	2,11	1,20
75	40,15	39,70	2,09	1,21
70	41,50	38,30	2,07	1,22
65	42,75	37,00	2,04	1,23
60	43,90	35,60	2,02	1,24
55	45,15	33,80	2,00	1,25
50	46,30	32,10	1,98	1,26

For reference only

Jib (40°)*				
Max. load (T)	**Outreach (M)**	**Lifting height (M)**	**Draught in bow (M)**	**Draught in stern**
100	29,60	45,50	2,33	1,05
95	33,40	42,40	2,26	1,09
90	36,10	40,00	2,22	1,12
85	38,15	38,30	2,18	1,14
80	39,80	36,70	2,14	1,16
75	41,35	35,00	2,11	1,18
70	42,70	33,60	2,08	1,19
65	43,90	32,20	2,05	1,21
60	45,15	30,50	2,04	1,22
55	46,25	28,80	2,03	1,23
50	47,35	28,00	1,98	1,25
45	48,20	25,00	1,96	1,26

For reference only

Load lift by main boom and jib (0°)*

Max. load (T)	Outreach main boom (M)	Outreach fixed jib (M)	Mean outreach (M)
238	5,00	12,20	8,60
235	5,30	12,50	8,90
230	5,75	13,05	9,40
225	6,20	13,70	9,95
220	6,60	14,60	10,60
215	7,10	15,30	11,20
210	7,50	16,00	11,75
205	8,00	17,10	12,55
200	8,50	18,00	13,25
195	8,95	19,05	14,00
190	9,50	20,10	14,80
185	10,00	21,20	15,60
180	10,60	21,80	16,20
175	11,10	23,30	17,20
170	11,70	24,30	18,00
165	12,25	25,35	18,80
160	12,85	26,45	19,65
155	13,40	27,40	20,40
150	13,95	28,45	21,20
145	14,45	29,35	21,90
140	15,00	30,25	22,62
135	15,45	31,15	23,30
130	15,90	31,90	23,90
125	16,30	32,70	24,50
120	16,70	33,50	25,10
115	17,10	34,10	25,60
110	17,45	34,75	26,10
105	17,80	35,60	26,70
100	18,15	36,05	27,10
95	18,50	36,70	27,60

Load lift by main boom and jib (0°)*			
Max. load (T)	**Outreach main boom (M)**	**Outreach fixed jib (M)**	**Mean outreach (M)**
90	18,80	37,20	28,00
85	19,10	37,80	28,45
80	19,45	38,25	28,85
75	19,70	38,90	29,30
70	20,00	39,25	29,62

For reference only

Load lift by main boom and jib (13°)*

Max. load (T)	Outreach main boom (M)	Outreach fixed jib (M)	Mean outreach (M)
198	5,00	18,30	11,65
195	5,40	18,70	12,05
190	6,00	19,40	12,07
185	6,60	20,30	13,45
180	7,20	21,20	14,20
175	7,80	22,20	15,00
170	8,40	23,30	15,85
165	0,05	24,35	16,70
160	9,70	25,30	17,50
155	10,30	26,50	18,40
150	10,55	27,65	19,30
145	10,95	28,85	19,70
140	12,20	29,90	21,05
135	12,80	31,10	21,95
130	13,40	32,30	22,80
125	13,95	33,35	23,65
120	14,55	34,45	24,50
115	15,10	35,40	25,25
110	15,65	36,35	26,00
105	16,15	37,25	26,70.
100	16,65	38,05	27,35
95	17,10	38,90	28,00
90	17,60	39,60	28,60
85	18,00	40,40	29,20
80	18,45	40,95	29,70
75	18,85	41,75	30,30
70	19,25	42,35	30,80
65	19,65	43,95	31,30
60	20,00	43,45	31,72

Load lift by main boom and jib (26°)*

Max. load (T)	Outreach main boom (M)	Outreach fixed jib (M)	Mean outreach (M)
166	5,00	23,65	14,32
160	6,10	24,60	15,35
155	7,00	25,40	16,20
150	8,00	26,20	17,10
145	8,95	27,05	18,00
140	9,90	28,10	19,00
135	10,80	29,40	20,10
130	11,75	31,65	21,70
125	12,65	32,15	22,40
120	13,45	33,65	23,55
115	14,25	35,15	24,70
110	15,00	36,60	25,80
105	15,65	38,15	26,90
100	16,25	39,55	27,90
95	16,85	40,75	28,80
90	17,40	41,80	29,60
85	17,90	42,90	30,40
80	18,35	43,75	31,05
75	18,80	44,50	31,65
70	19,20	45,20	32,20
65	19,60	45,80	32,70
60	20,00	46,40	33,20

For reference only

Load lift by main boom and jib (40°)*

Max. load (T)	Outreach main boom (M)	Outreach fixed jib (M)	Mean outreach (M)
138	5,00	28,00	16,50
135	5,70	28,60	17,15
130	6,75	29,85	18,30
125	7,85	31,15	19,50
120	8,95	32,55	20,75
115	10,00	34,00	22,00
110	11,05	35,55	23,30
105	12,10	37,20	24,65
100	13,05	38,75	25,90
95	14,00	40,40	27,20
90	15,00	41,80	28,40
85	15,85	43,35	29,60
80	16,70	44,50	30,60
75	17,60	45,60	31,60
70	18,40	46,60	32,50
65	19,20	47,20	33,20
60	20,00	47,90	33,95

*Max. load = load + rigging
*Load equally divided between main boom and jib

For reference only