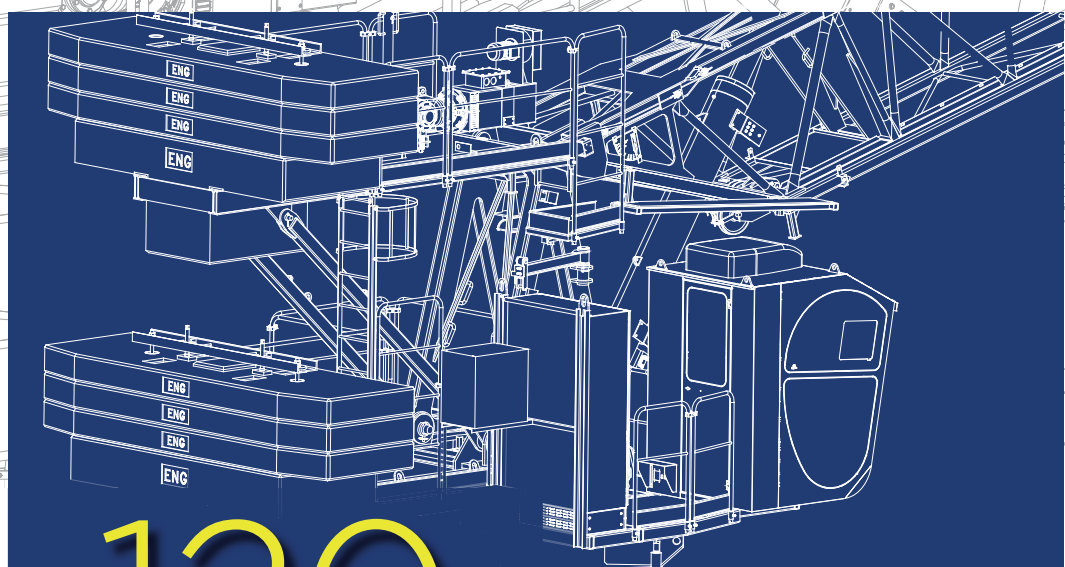


ENG
— CRANES —

Design, engineering, manufacture

TOWER CRANE
— SERVICES —
by FORSYTH DENNY

UK AUTHORIZED DEALER



EDL 120

10t

Hydraulic Luffing

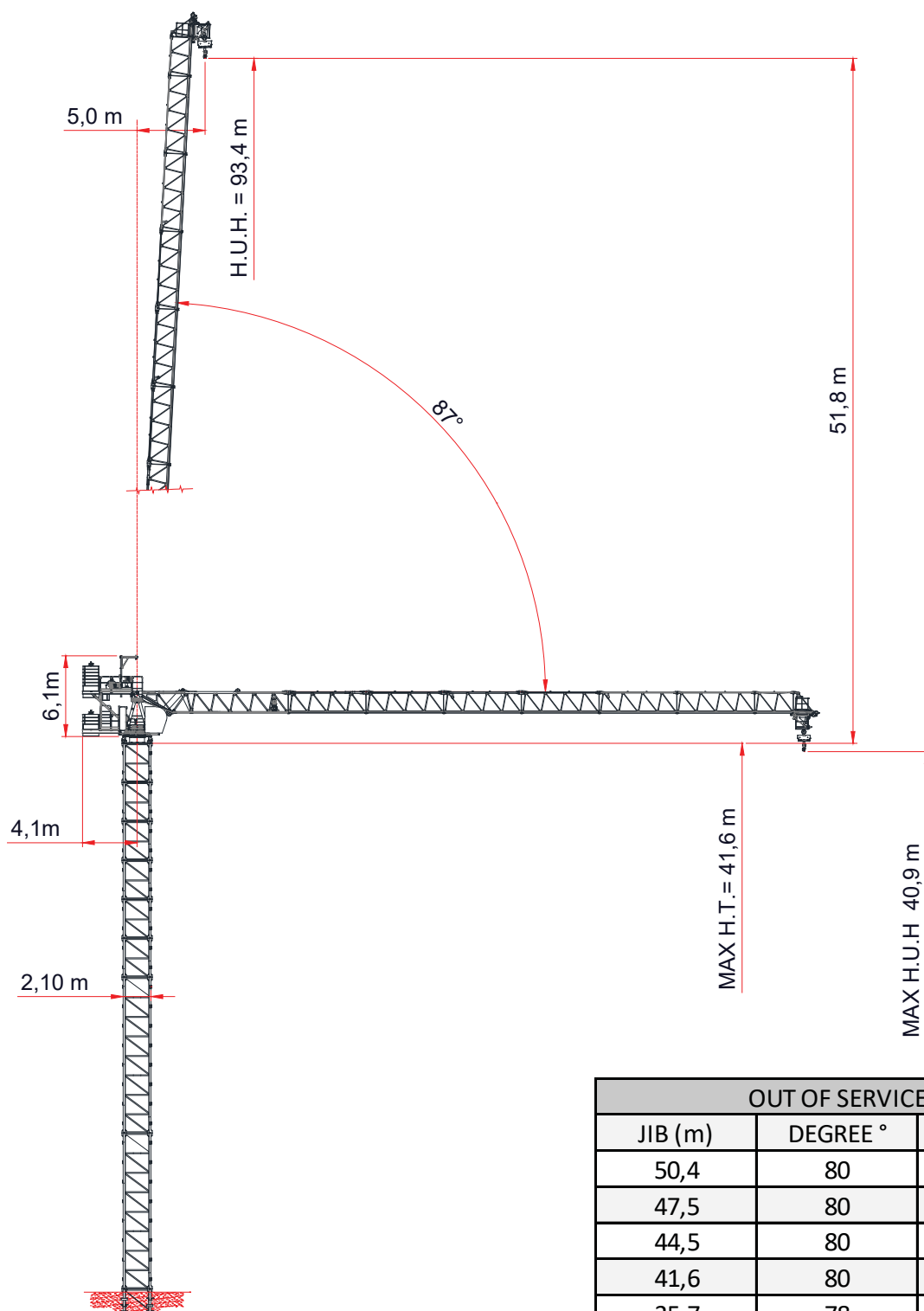
—

2019

PATENTED



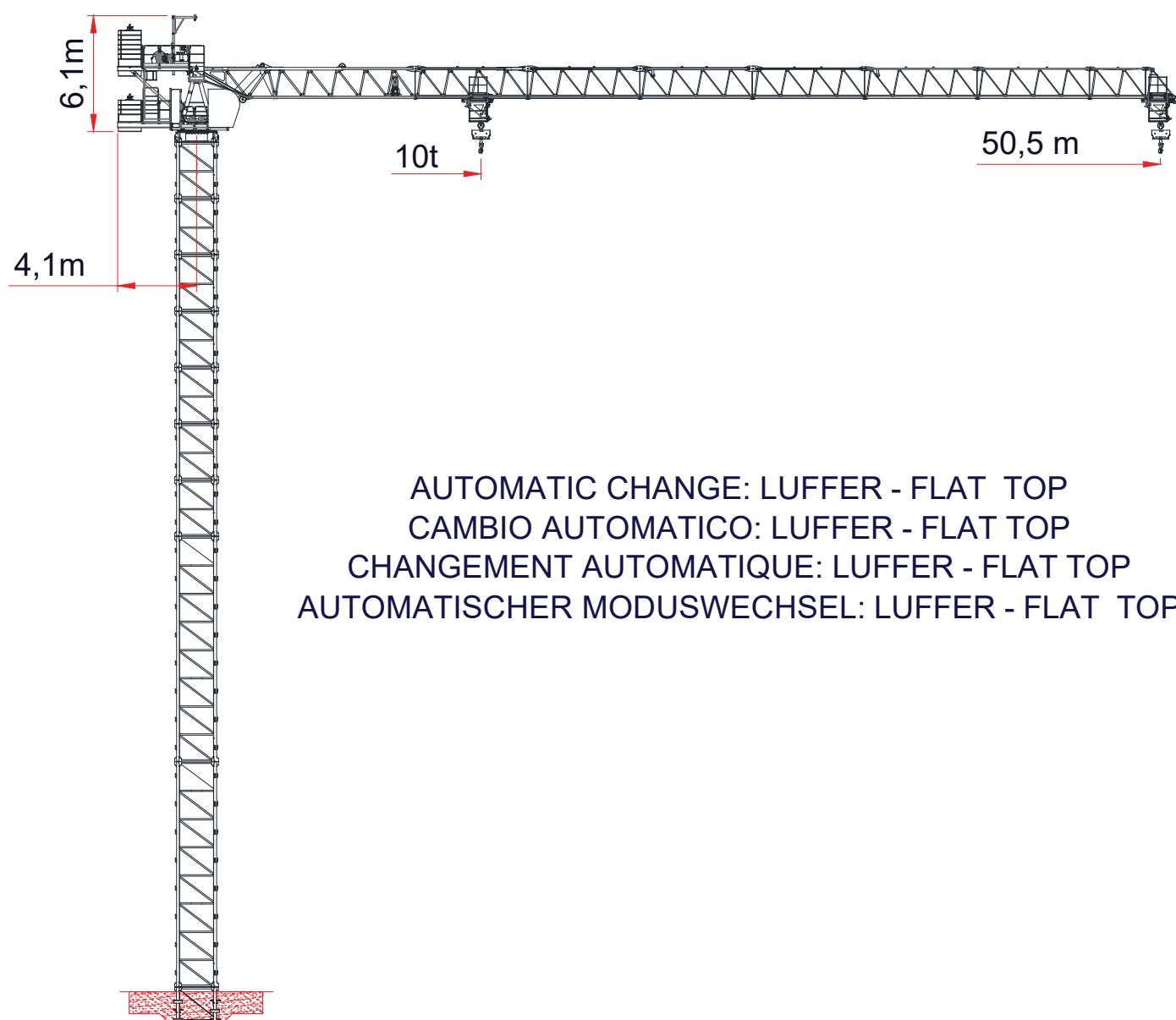
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FEM1.001-A4



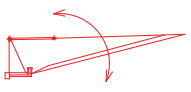
OUT OF SERVICE		
JIB (m)	DEGREE °	(m)
50,4	80	9,70
47,5	80	9,20
44,5	80	8,70
41,6	80	8,15
35,7	78	7,20
29,8	75	7,20
23,9	70	7,10
18,0	65	7,00

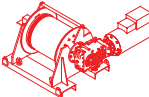
*Further Configuration Available
Ulteriori Configurazioni Disponibili
Autres configurations Disponibles
Andere Konfigurationen Verfügbar*

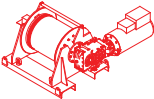
LUFFER MODE

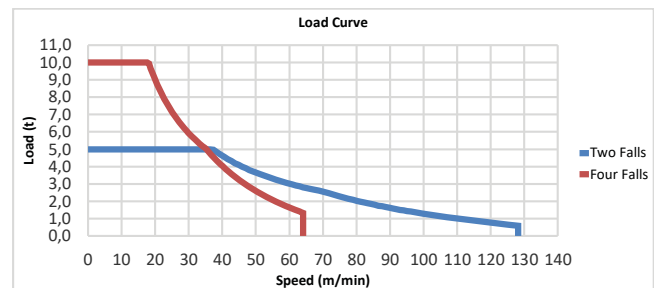
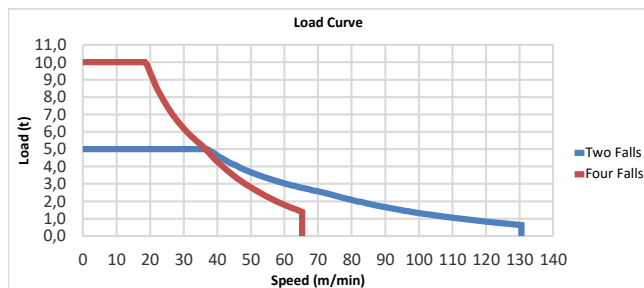


AUTOMATIC CHANGE: LUFFER - FLAT TOP
CAMBIO AUTOMATICO: LUFFER - FLAT TOP
CHANGEMENT AUTOMATIQUE: LUFFER - FLAT TOP
AUTOMATISCHER MODUSWECHSEL: LUFFER - FLAT TOP

		Speed - Velocità - Vitesse - Geschwindigkeit	Power - Potenza - Puissance - Leistung
Rotazione Slewing Orientation Schwenken		0 → 0,65 r.p.m.	2x4,0 kW
Luffing Impennamento Impennage Einziehwerk		2,0 min	18,5 kW
Trolley Carrello Chariot Katzfahnen		0 → 80,0 m/min	4,0 kW
Rail Traslazione Translation Kranfahren		ON REQUEST	

Type Tipo Type Type		Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
		hp - CV PS - ch	kW	m	
HW105034BR1000		50	37	337	
Layer - Strati Couches - Lagen		N. 6			
Step - Marcia Vitesse - Gang		kg	m/min	kg	m/min
1		5000	11,0	10000	5,0
2		5000	22,0	10000	11,0
3		5000	36,0	10000	18,0
4		2980	61,0	6100	31,0
5		930	115,0	1990	58,0
6		630	131,0	1390	65,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe		 163 m		 79 m	

Type Tipo Type Type 	Power - Potenza Puissance - Leistung		Rope - Fune Cable - Seil	
	hp - CV PS - ch	kW	m	
HW105054BR1000	50	37	541	
Layer - Strati Couches - Lagen	N. 6			
Step - Marcia Vitesse - Gang	kg	m/min	kg	m/min
1	5000	11,0	10000	5,0
2	5000	21,0	10000	11,0
3	5000	34,0	10000	17,0
4	2240	76,0	4430	38,0
5	1010	110,0	2080	55,0
6	600	128,0	1340	64,0
Maximum height - Massima altezza - Hauteur maximale - Maximale Höhe	 263 m		 128 m	



TOTAL INSTALLED POWER FORZA MOTRICE TOTALE PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	37 kW (30 hp) 80 kVA - 400/480 V - 50/60 Hz ±5% ±2%
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LUFFER MODE

Jib (m)	50,4		47,5		44,5		41,6		35,7		29,8		23,9		18,0	
	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.
	from 5,4m to 31,8m	from 5,4m to 31,8m	from 5,1m to 31,8m	from 5,1m to 31,8m	from 4,8m to 31,8m	from 4,8m to 31,8m	from 4,6m to 31,8m	from 4,6m to 31,8m	from 4,1m to 31,8m	from 4,1m to 31,8m	from 3,6m to 29,8m	from 3,6m to 29,8m	from 3m to 23,9m	from 3m to 23,9m	from 2,5m to 18m	from 2,5m to 18m
Radius (m)	5 t															
8,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
9,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
10,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
11,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
12,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
13,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
14,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
15,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
16,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
17,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
18,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
19,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
20,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
21,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
22,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
23,9	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
25,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
26,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
27,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
28,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
29,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
29,8	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
31,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
32,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
33,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
34,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
35,0	5,00	5,00	5,00	5,00	5,00	5,00	5,00	4,83	5,00	4,72	5,00	5,00	5,00	5,00	5,00	5,00
35,7	4,82	5,00	4,86	5,00	4,82	5,00	4,72	5,00	4,48	4,93	5,00	5,00	5,00	5,00	5,00	5,00
37,0	4,50	4,77	4,44	4,74	4,58	4,93	4,35	4,72	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
38,0	4,35	4,61	4,19	4,49	4,26	4,60	4,11	4,47	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
39,0	4,07	4,33	3,96	4,25	4,07	4,40	3,85	4,20	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
40,0	3,82	4,07	3,76	4,04	3,82	4,14	3,65	3,99	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
41,0	3,60	3,84	3,58	3,85	3,61	3,92	3,43	3,76	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
41,6	3,49	3,73	3,41	3,68	3,48	3,79	3,28	3,61	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
43,0	3,21	3,44	3,19	3,45	3,19	3,49	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
44,0	3,04	3,27	3,00	3,26	3,00	3,29	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
44,5	2,96	3,19	2,89	3,15	2,88	3,17	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
46,0	2,69	2,91	2,63	2,88	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
47,0	2,52	2,73	2,47	2,71	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
47,5	2,42	2,63	2,38	2,62	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
49,0	2,19	2,39	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
50,0	2,05	2,25	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00
50,4	1,98	2,18	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00	5,00

L.I.S. = Load Increase System

All intermediate loads can be increased till a maximum of 10% if the crane is equipped with L.I.S.

Con il sistema L.I.S. tutte le portate intermedie possono essere aumentate fino ad un massimo del 10%

Toutes les charges intermédiaires peuvent être augmentées jusqu'à un maximum de 10% si la grue est équipée avec L.I.S.

Alle zwischenlasten erhöht werden kann bis maximal 10%, wenn der kran mit L.I.S.

LUFFER MODE

Jib (m)	50,4		47,5		44,5		41,6		35,7		29,8		23,9		18,0	
	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.
	from 5,4m to 22,9m	from 5,4m to 23,7m	from 5,1m to 23,1m	from 5,1m to 23,8m	from 4,8m to 23m	from 4,8m to 23,7m	from 4,6m to 22,8m	from 4,6m to 23,4m	from 4,1m to 22,2m	from 4,1m to 23,1m	from 3,6m to 21,3m	from 3,6m to 22,4m	from 3m to 20,7m	from 3m to 21,9m	from 2,5m to 17,8m	from 2,5m to 18m
Radius (m)	 10,0 t															
8,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
9,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
10,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
11,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
12,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
13,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
14,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
15,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
16,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
17,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00
18,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,80	10,00
19,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00		
20,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00		
21,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,72	10,00		
22,0	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	10,00	9,65	10,00	9,08	9,94		
23,9	9,31	9,67	9,16	9,58	9,32	9,81	9,25	9,79	8,96	9,60	8,39	9,10	7,80	8,58		
25,0	8,85	9,21	8,75	9,15	8,94	9,41	8,56	9,07	8,43	9,05	7,74	8,42				
26,0	8,43	8,77	8,00	8,39	8,23	8,69	7,95	8,44	7,74	8,33	7,33	7,98				
27,0	7,67	7,99	7,66	8,04	7,61	8,05	7,41	7,87	7,34	7,90	6,77	7,39				
28,0	7,33	7,64	7,35	7,71	7,33	7,75	6,92	7,37	6,80	7,34	6,34	6,94				
29,0	6,71	7,00	6,77	7,12	6,81	7,22	6,70	7,14	6,49	7,02	5,97	6,55				
29,8	6,42	6,71	6,51	6,85	6,57	6,97	6,28	6,71	6,07	6,58	5,60	6,16				
31,0	6,15	6,44	6,02	6,35	6,13	6,51	5,91	6,32	5,71	6,20						
32,0	5,67	5,94	5,59	5,90	5,74	6,11	5,42	5,81	5,31	5,78						
33,0	5,44	5,71	5,39	5,70	5,38	5,74	5,13	5,51	4,98	5,44						
34,0	5,03	5,28	5,02	5,32	5,06	5,41	4,87	5,24	4,72	5,17						
35,0	4,84	5,09	4,69	4,98	4,77	5,11	4,53	4,88	4,44	4,87						
35,7	4,49	4,73	4,54	4,82	4,51	4,84	4,42	4,77	4,20	4,62						
37,0	4,17	4,41	4,12	4,39	4,27	4,59	4,05	4,39								
38,0	4,03	4,26	3,88	4,14	3,96	4,26	3,82	4,15								
39,0	3,76	3,98	3,66	3,91	3,77	4,07	3,56	3,89								
40,0	3,51	3,73	3,46	3,71	3,53	3,82	3,36	3,68								
41,0	3,29	3,50	3,28	3,52	3,32	3,60	3,15	3,45								
41,6	3,19	3,39	3,11	3,35	3,20	3,48	3,00	3,30								
43,0	2,91	3,11	2,89	3,13	2,91	3,18										
44,0	2,74	2,94	2,71	2,94	2,72	2,98										
44,5	2,67	2,86	2,60	2,83	2,60	2,86										
46,0	2,40	2,58	2,35	2,57												
47,0	2,23	2,41	2,19	2,40												
47,5	2,13	2,31	2,10	2,31												
49,0	1,91	2,08														
50,0	1,77	1,94														
50,4	1,70	1,87														

Lifting capacities valid up to 100 m hoisting height. Over 100 m hoisting height, the lifting capacity is reduced by additional rope weight. / Portate valide fino a 100 m di altezza di sollevamento. Oltre i 100 m si riduce la portata a causa del peso della fune. / Capacités de levage valables jusqu'à 100 m de hauteur sous crochet: Au-dessus de 100 m de hauteur sous crochet, la capacité de levage est réduite du poids de câble supplémentaire. / Tragfähigkeiten gültig bis 100 m Hubhöhe. Über 100 m Hubhöhe reduziert sich die Tragfähigkeit um das zusätzliche Seilgewicht.

FLAT TOP MODE

Jib (m)	50,5		47,5		44,5		41,5		35,5		30		24		18	
Max Load Radius (m)	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.
	27,4	29,1	28,9	30,8	30,6	32,8	32,2	34,6	33,5	35,5	30,0	30,0	24,0	24,0	18,0	18,0
Radius (m)	 5 t															
8.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
9.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
11.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
14.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
15.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
16.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
17.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
18.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
19.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
20.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
21.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
22.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
23.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
24.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
25.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
26.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
27.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
28.0	4.86	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
29.0	4.64	5.00	4.97	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
30.0	4.43	4.81	4.75	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
31.0	4.24	4.60	4.55	4.95	4.92	5.00	5.00	5.00	5.00	5.00						
32.0	4.07	4.42	4.36	4.75	4.72	5.00	5.00	5.00	5.00	5.00						
33.0	3.90	4.24	4.19	4.56	4.54	4.95	4.85	5.00	5.00	5.00						
34.0	3.75	4.07	4.03	4.39	4.36	4.77	4.66	5.00	4.90	5.00						
35.0	3.60	3.92	3.87	4.22	4.20	4.59	4.49	4.92	4.72	5.00						
35.5	3.53	3.84	3.80	4.14	4.12	4.50	4.41	4.83	4.63	5.00						
37.0	3.34	3.64	3.59	3.92	3.90	4.27	4.17	4.58								
38.0	3.22	3.51	3.46	3.78	3.76	4.12	4.03	4.42								
39.0	3.10	3.38	3.34	3.65	3.63	3.98	3.89	4.27								
40.0	2.99	3.27	3.23	3.53	3.51	3.85	3.76	4.13								
41.0	2.89	3.16	3.12	3.41	3.39	3.72	3.64	4.00								
41.5	2.84	3.10	3.07	3.36	3.34	3.66	3.58	3.94								
43.0	2.70	2.95	2.92	3.20	3.18	3.49										
44.0	2.61	2.86	2.82	3.10	3.08	3.38										
44.5	2.57	2.81	2.78	3.05	3.03	3.33										
46.0	2.45	2.68	2.65	2.91												
47.0	2.37	2.60	2.57	2.83												
47.5	2.34	2.56	2.53	2.78												
49.0	2.23	2.45														
50.0	2.16	2.38														
50.5	2.13	2.34														

L.I.S. = Load Increase System

All intermediate loads can be increased till a maximum of 10% if the crane is equipped with L.I.S.

Con il sistema L.I.S. tutte le portate intermedie possono essere aumentate fino ad un massimo del 10%

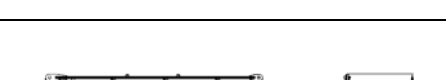
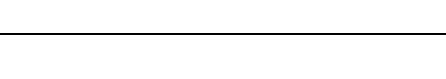
Toutes les charges intermédiaires peuvent être augmentées jusqu'à un maximum de 10% si la grue est équipée avec L.I.S.

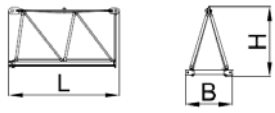
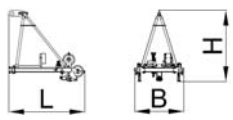
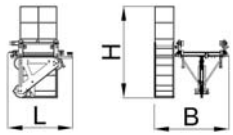
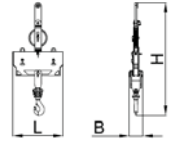
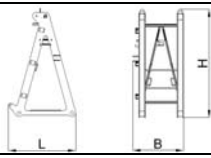
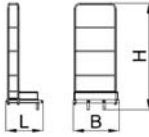
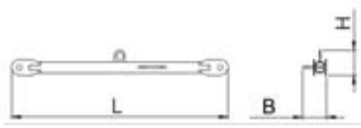
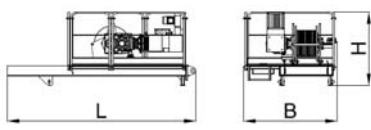
Alle zwischenlasten erhöht werden kann bis maximal 10%, wenn der kran mit L.I.S.

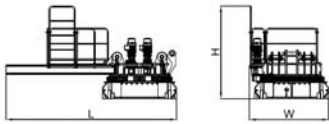
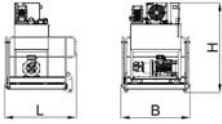
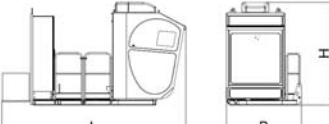
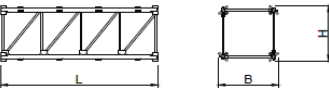
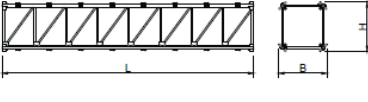
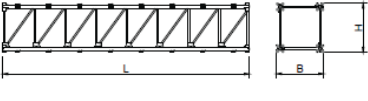
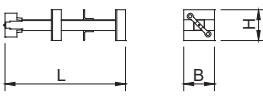
FLAT TOP MODE

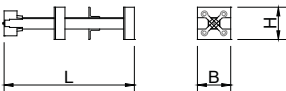
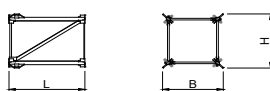
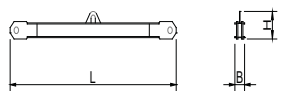
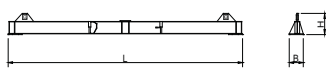
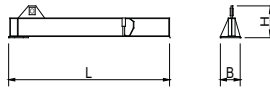
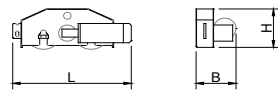
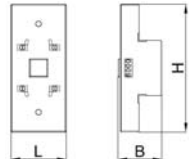
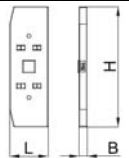
Jib (m)	50,5		47,5		44,5		41,5		35,5		30		24		18	
Max Load Radius (m)	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.	STD	L.I.S.
	15,4	16,2	16,2	17,1	17,2	18,2	18,1	19,2	18,8	20,1	19,7	21,1	20,2	21,7	18,0	18,0
Radius (m)	 10 t															
8.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
9.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
10.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
11.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
12.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
13.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
14.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
15.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
16.0	9.50	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
17.0	8.76	9.38	9.39	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
18.0	8.12	8.69	8.71	9.36	9.41	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
19.0	7.55	8.09	8.11	8.72	8.77	9.47	9.37	10.00	9.86	10.00	10.00	10.00	10.00	10.00		
20.0	7.05	7.56	7.58	8.16	8.20	8.86	8.76	9.50	9.23	10.00	9.78	10.00	10.00	10.00		
21.0	6.61	7.09	7.10	7.65	7.69	8.32	8.23	8.92	8.66	9.44	9.19	10.00	9.49	10.00		
22.0	6.21	6.67	6.68	7.20	7.24	7.83	7.74	8.41	8.16	8.90	8.66	9.48	8.94	9.82		
23.0	5.85	6.29	6.30	6.79	6.83	7.39	7.31	7.94	7.70	8.41	8.18	8.96	8.45	9.29		
24.0	5.52	5.94	5.95	6.42	6.46	7.00	6.91	7.51	7.29	7.96	7.74	8.48	8.00	8.80		
25.0	5.23	5.62	5.63	6.08	6.12	6.63	6.56	7.13	6.91	7.55	7.35	8.06				
26.0	4.96	5.34	5.34	5.78	5.81	6.30	6.23	6.78	6.57	7.18	6.98	7.66				
27.0	4.71	5.07	5.08	5.49	5.52	6.00	5.93	6.45	6.26	6.84	6.65	7.30				
28.0	4.48	4.83	4.83	5.23	5.26	5.72	5.65	6.15	5.97	6.53	6.35	6.97				
29.0	4.27	4.60	4.61	4.99	5.02	5.46	5.39	5.88	5.70	6.24	6.06	6.66				
30.0	4.07	4.39	4.40	4.77	4.80	5.22	5.15	5.62	5.45	5.97	5.80	6.38				
31.0	3.89	4.20	4.21	4.56	4.59	4.99	4.93	5.39	5.22	5.72						
32.0	3.72	4.02	4.02	4.37	4.39	4.79	4.73	5.16	5.00	5.49						
33.0	3.56	3.85	3.86	4.19	4.21	4.59	4.54	4.96	4.80	5.27						
34.0	3.41	3.69	3.70	4.02	4.04	4.41	4.36	4.76	4.61	5.07						
35.0	3.27	3.54	3.55	3.86	3.88	4.24	4.19	4.58	4.43	4.88						
35.5	3.20	3.47	3.48	3.78	3.81	4.16	4.11	4.50	4.35	4.79						
37.0	3.01	3.27	3.28	3.57	3.59	3.93	3.88	4.25								
38.0	2.90	3.15	3.15	3.44	3.46	3.79	3.74	4.10								
39.0	2.79	3.03	3.04	3.31	3.33	3.65	3.60	3.96								
40.0	2.68	2.92	2.92	3.20	3.22	3.52	3.48	3.82								
41.0	2.58	2.81	2.82	3.08	3.10	3.40	3.36	3.69								
41.5	2.54	2.76	2.77	3.03	3.05	3.34	3.30	3.63								
43.0	2.40	2.62	2.62	2.87	2.89	3.18										
44.0	2.32	2.53	2.53	2.78	2.80	3.08										
44.5	2.27	2.49	2.49	2.73	2.75	3.03										
46.0	2.16	2.36	2.37	2.60												
47.0	2.08	2.28	2.29	2.52												
47.5	2.05	2.25	2.25	2.48												
49.0	1.95	2.14														
50.0	1.88	2.07														
50.5	1.85	2.04														

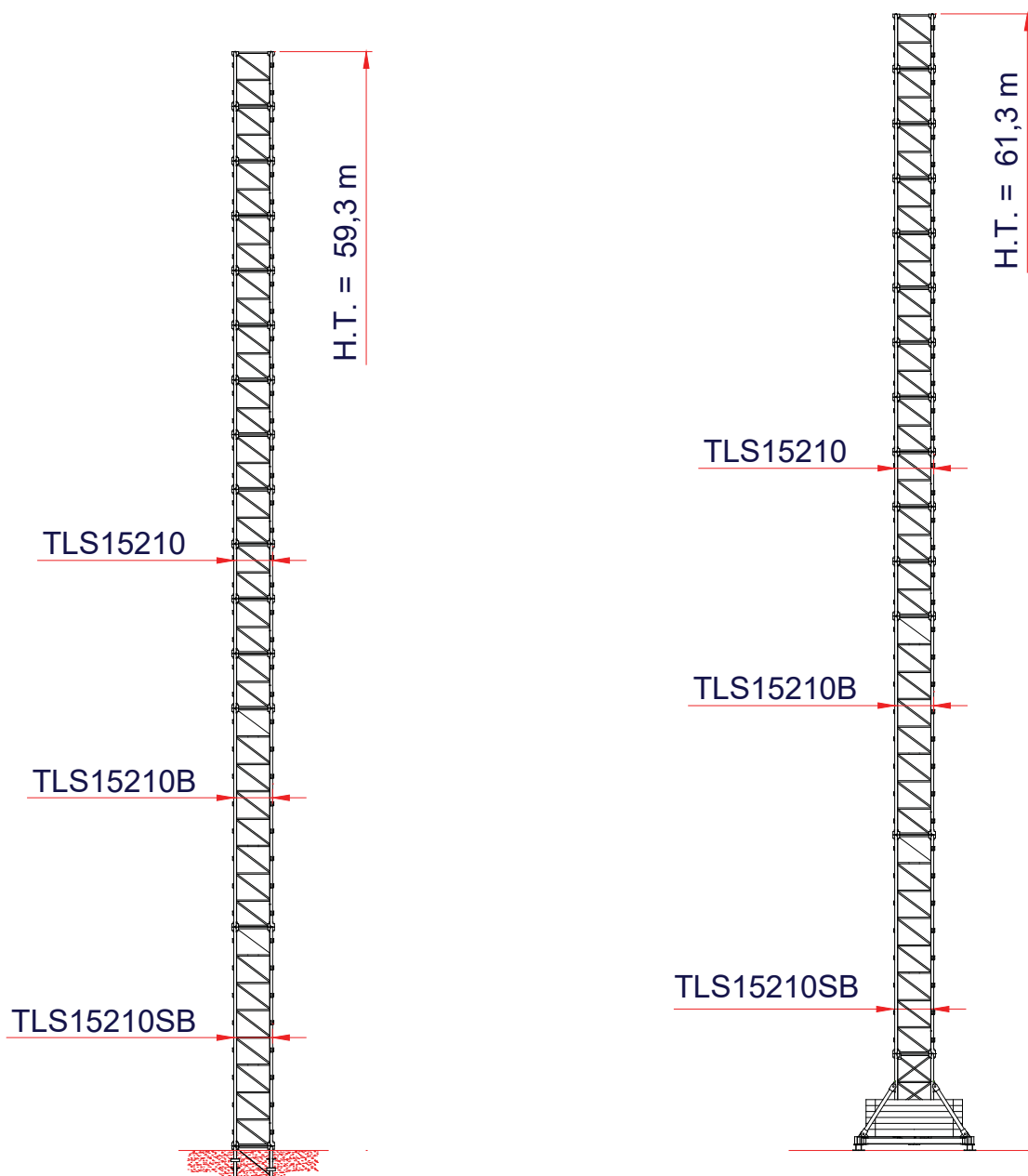
Lifting capacities valid up to 100 m hoisting height. Over 100 m hoisting height, the lifting capacity is reduced by additional rope weight. / Portate valide fino a 100 m di altezza di sollevamento. Oltre i 100 m si riduce la portata a causa del peso della fune. / Capacités de levage valables jusqu'à 100 m de hauteur sous crochet: Au-dessus de 100 m de hauteur sous crochet, la capacité de levage est réduit du poids de câble supplémentaire. / Tragfähigkeiten gültig bis 100 m Hubhöhe. Über 100 m Hubhöhe reduziert sich die Tragfähigkeit um das zusätzliche Seilgewicht.

Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Jib/Braccio/Flèche/Ausleger			[m]	[m]	[m]	[t]
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 1		11,71	1,30	1,90	4,95
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 2		6,17	1,15	1,76	1,27
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 3		6,19	1,15	1,73	1,00
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 4		6,20	1,15	1,74	0,83
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 5		6,20	1,15	1,73	0,66
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 6		6,11	1,15	1,70	0,52
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger- Zwischenstück 7		6,10	1,15	1,70	0,46

Q.ty Q.tà Q.tè Anz.	Description Descizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Jib/Braccio/Flèche/Ausleger			[m]	[m]	[m]	[t]
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 8		3,14	1,15	1,97	0,27
1	Jib section / Elemento Braccio / Element de Flèche / Ausleger-Zwischenstück 9		1,99	1,29	1,89	0,31
1	Trolley Carrello Chariot Hauptlaufkatze		1,78	1,31	2,54	0,49
1	Hookblock Bozzello Moufle Hubflasche		1,10	0,35	2,79	0,89
1	Luffing cylinder / Cilindro idraulico / Cylindre hydraulique / Hydraulikzylinder		3,80	0,41	0,41	2,00
A-frame / Cuspide / Poinçon / Turmspitze			[m]	[m]	[m]	[t]
1	A-frame triangle Cuspide Poinçon Turmspitze		1,77	1,26	2,86	0,94
1	Balcony Ballatoio Plate-Form Plattform		0,86	0,63	2,00	0,05
2	Tie-rods Tiranti Barre de liaison Zugstange		3,30	0,12	0,22	0,07
1	Counterjib / Controfreccia / Contre-flèche / Gegenausleger- Zwischenstück		3,96	2,13	1,53	2,24

Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Slewing-group / Gruppo Girevole / Groupe d'orientation / Drehgruppe			[m]	[m]	[m]	[t]
1	Slewing-group Gruppo Girevole Groupe d'orientation Drehgruppe		5,28	2,50	2,06	6,40
1	Power pack		1,70	1,63	2,13	1,00
1	Cabin Platform Ballatoio Cabina Ensemble mat Cabine Drehbühne		4,46	1,81	2,47	1,20
Tower /Torre/Mât/Turm 210HC			[m]	[m]	[m]	[t]
1	Tower section / Elemento Torre / Elément de Mât / Turmstück 210HC.0590		2,95	2,30	2,30	1,79
1	Tower section / Elemento Torre / Elément de Mât / Turmstück 210HC.0295		5,90	2,30	2,30	3,24
1	Tower section / Elemento Torre / Elément de Mât / Turmstück 210HC.1180		11,80	2,30	2,30	6,18
1	Tower section / Elemento Torre / Elément de Mât / Turmstück 210HCB.1180		11,80	2,30	2,30	6,28
1	Tower section / Elemento Torre / Elément de Mât / Turmstück 210HCSB.1180		11,80	2,30	2,30	7,40
1	Foundation Anchors Gambe di Fondazione Jambes de Scellement Gründungspfahl		1,82	0,47	0,47	0,28

Q.ty Q.tà Q.tè Anz.	Description Descrizione Description Beschreibung	Sketch Figura Esquisse Skizze	Length Lunghezza Longueur Länge [L]	Width Larghezza Largeur Breite [B]	Height Altezza Hauteur Höhe [H]	Single Weight Peso Unitario Poids individuels Einzelgewichte
Tower /Torre/Mât/Turm 210HC			[m]	[m]	[m]	[t]
1	Foundation Anchors Gambe di Fondazione Jambes de Scellement Gründungspfahl BOOSTER / SUPER BOOSTER		1,82	0,47	0,47	0,40
Strut Base / Base con puntoni / Base avec struts/ Bases mit stüt 6x6 2,10HC			[m]	[m]	[m]	[t]
1	Base Element Elemento di Base Mat de base Turmbasiselement		4,43	2,30	2,30	4,00
4	Struts Puntoni Haubans Mastabstützungen		3,77	0,23	0,26	0,34
1	Base main beam Trave principale della base Poutre de chassis de base Hauptträger für Kreuzgelenk		8,90	0,72	0,76	1,65
2	Half Base Beam Semitrave di Base Semipoutre de chassis de base Halbträger für Kreuzgelenk		4,35	0,60	0,76	0,75
4	Driven Bogie Bilancino di Traslazione Motorizzato Boggie Motorisée Fahrschemel mit Motorantrieb		1,75	0,71	0,79	1,00
Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche/Gegenausleger Ballast			[m]	[m]	[m]	[t]
2	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast A6000		2,80	0,90	1,20	6,00
9	Counter-jib Ballast / Zavorra di Controfreccia / Lest de Contre-flèche / Gegenausleger Ballast C3150		3,80	0,29	1,20	3,15



TLS15210SB			
JIB (m)	H.U.H. (m) - 0°	H.U.H. (m) - 87°	H.T. (m)
18,0	58,65	78,65	59,25
23,9	55,70	81,50	56,30
29,8	52,75	84,45	53,35
35,7	49,80	87,40	50,40
41,6	46,85	90,25	47,45
44,5	43,90	90,30	44,50
47,5	43,90	93,20	44,50
50,4	40,95	93,15	41,55

TLS15210SB - BASE 6x6			
JIB (m)	H.U.H. (m) - 0°	H.U.H. (m) - 87°	H.T. (m)
18,0	60,67	80,67	61,27
23,9	57,72	83,52	58,32
29,8	54,77	86,47	55,37
35,7	51,82	89,42	52,42
41,6	48,87	92,27	49,47
44,5	45,92	92,32	46,52
47,5	45,92	95,22	46,52
50,4	42,97	95,17	43,57

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Angaben und Beschreibungen verbindlich andreungen vorbehalten ohne weitere mitteilung.