

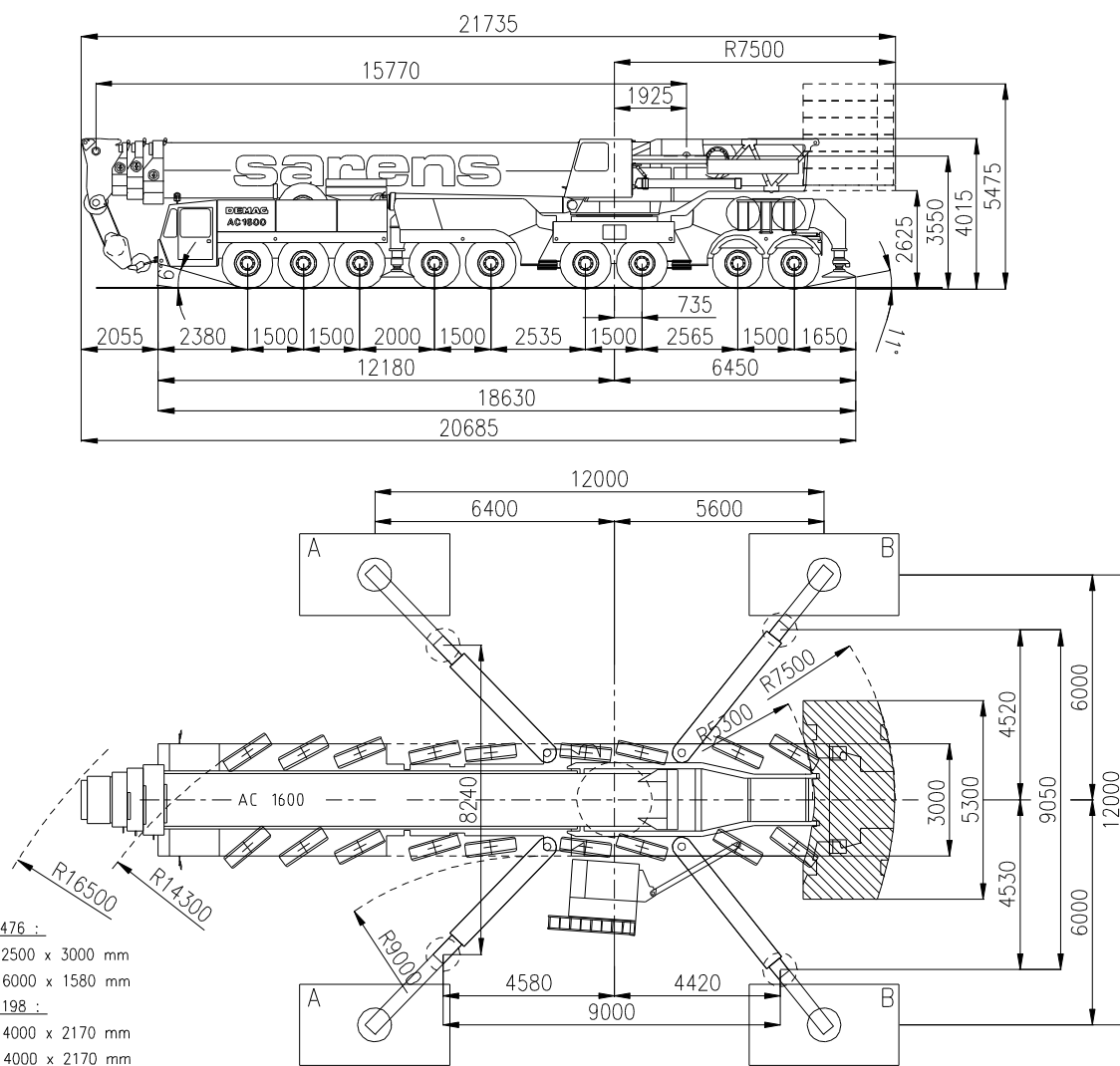


sarens
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www.sarens.com

TEREX AC 1600

500 TON



K 2 476 :

A = 2500 x 3000 mm

B = 6000 x 1580 mm

K 1 198 :

A = 4000 x 2170 mm

B = 4000 x 2170 mm

Axle load / Charge par essieu / Achslast / Aslast

: 9 x 12 t

(= 0 t)

Total weight / Poids total / Gesamtgewicht / Totaal gewicht

: 108 t

(= 0 t)

Tyres / Pneus / Bereifung / Banden

: 14.00 R 25

Counterweight-trailer / Remorque de contrepoids / Gegengewicht Anhänger / Ballastwagen

: 60 t

nothing too heavy, nothing too high

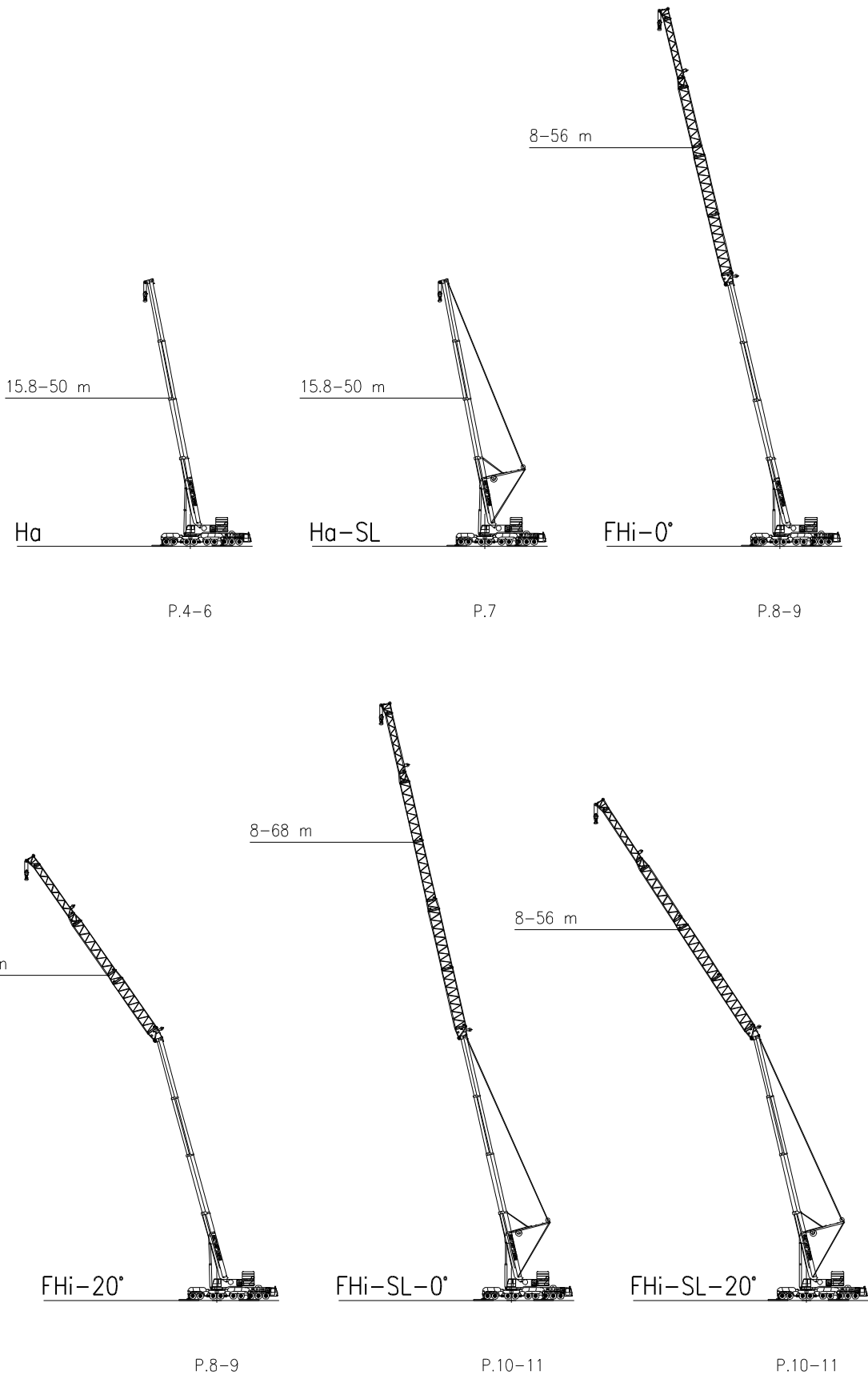


DEMAG AC 1600

Configurations
Configurations

500 TON

Konfigurationen
Configuraties



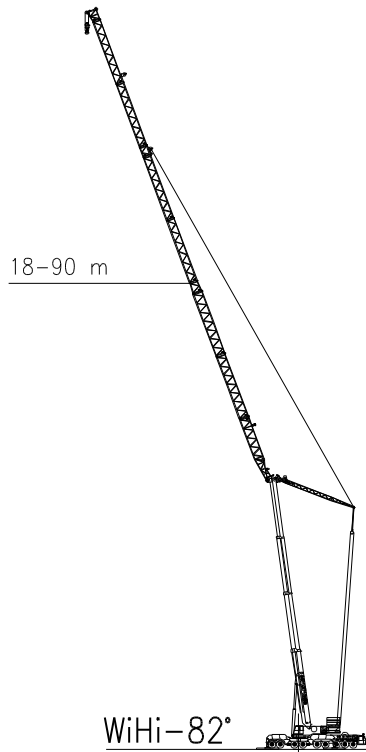


DEMAG AC 1600

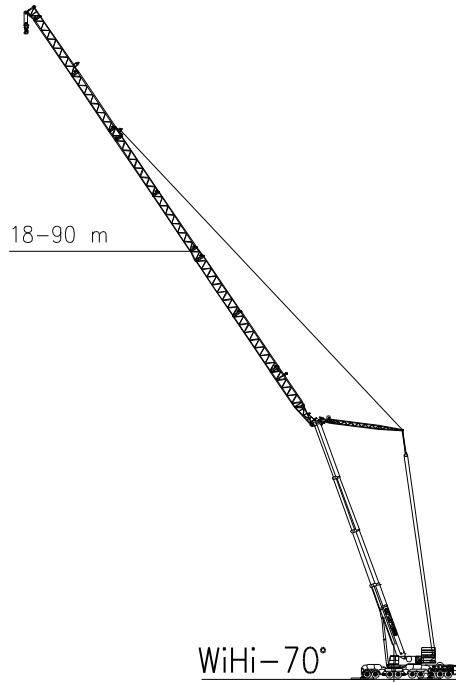
Configurations
Configurations

500 TON

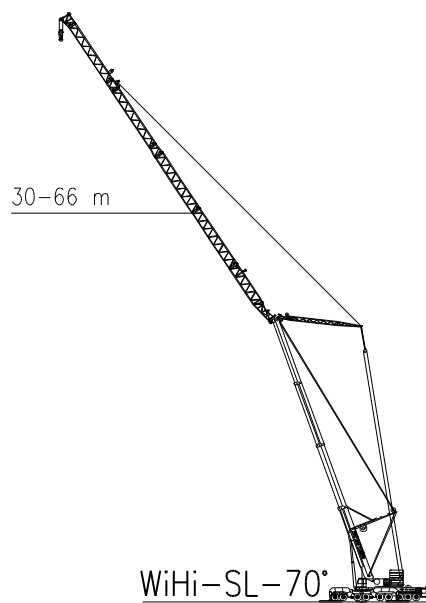
Konfigurationen
Configuraties



P.12-13



P.14-15



P.14-15



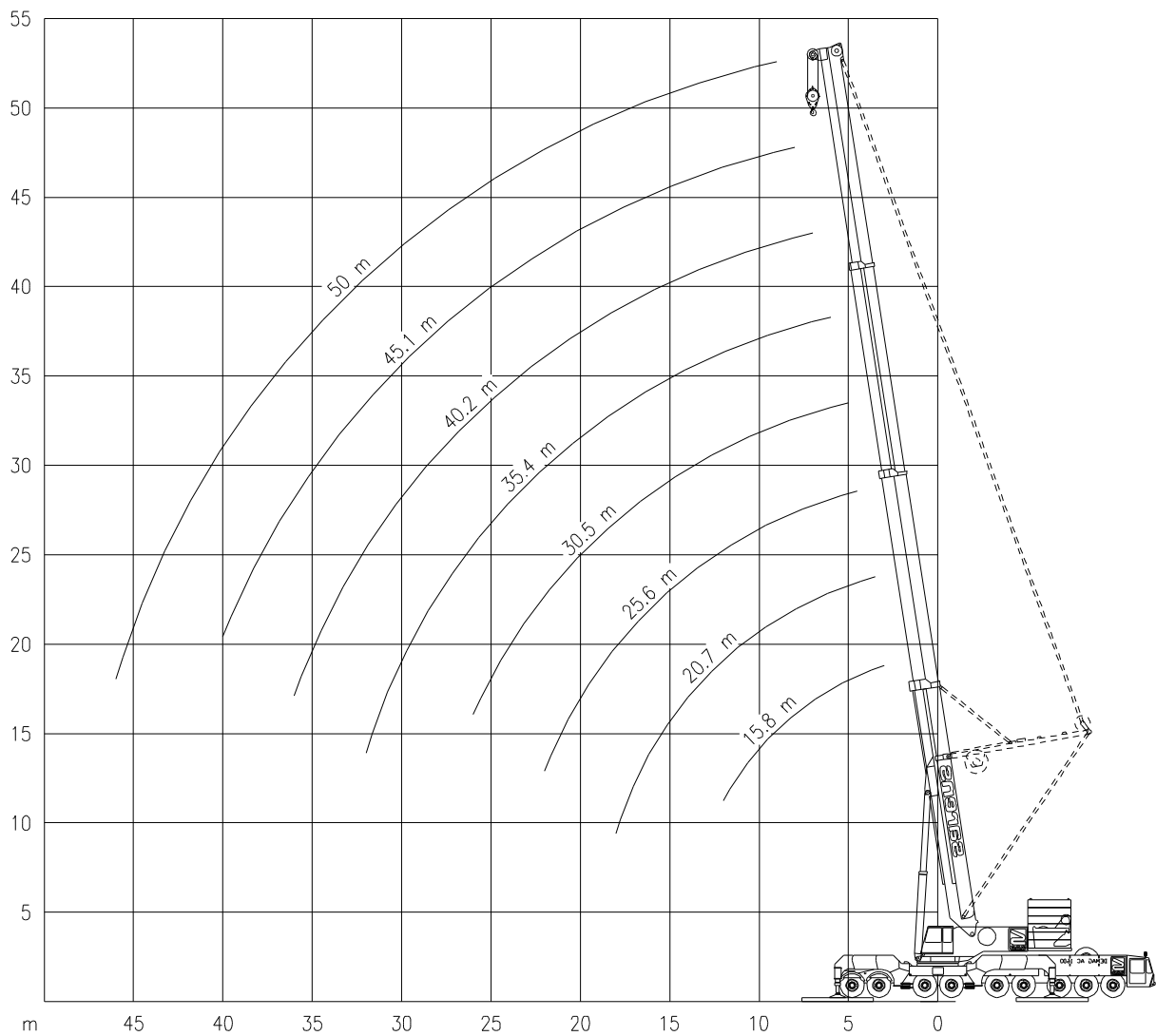
DEMAG AC 1600

Working ranges
Portées

500 TON

Arbeitsbereiche
Werkbereich

Ha + HaSL



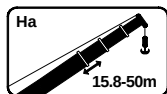


DEMAG AC 1 600

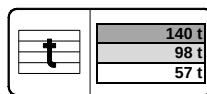
Capacities
Capacités

500 TON

Tragfähigkeiten
Capacités



Ha



	15.8 m	20.7 m	25.6 m	30.5 m
m	t	t	t	t
3.0	335.0*	-	-	-
3.5	312.0*	300.0*	-	-
4.0	292.0*	292.0*	-	-
4.5	275.0*	274.0*	270.0*	-
5.0	259.0	259.0*	260.0*	200.0*
6.0	232.0	231.0**	232.0*	194.0*
7.0	210.0	209.0	210.0**	187.0*
8.0	192.0	191.0	192.0**	179.0**
9.0	176.0	175.0	177.0**	170.0**
10.0	162.0	161.0	162.0	162.0**
12.0	139.0	139.0	140.0	142.0
14.0	-	122.0	123.0	124.0
16.0	-	103.0	108.0	110.0
18.0	-	74.3	95.5	97.0
20.0	-	-	81.5	86.2
22.0	-	-	64.5	77.3
24.0	-	-	-	67.7
26.0	-	-	-	56.2

	15.8 m	20.7 m	25.6 m	30.5 m	35.4 m	40.2 m	45.1 m	50.0 m
m	t	t	t	t	t	t	t	t
3.0	330.0*	-	-	-	-	-	-	-
3.5	307.0*	300.0*	-	-	-	-	-	-
4.0	287.0*	286.0*	-	-	-	-	-	-
4.5	270.0*	269.0*	270.0*	-	-	-	-	-
5.0	255.0	254.0*	254.0*	200.0*	-	-	-	-
6.0	229.0	228.0**	229.0*	194.0*	165.0*	-	-	-
7.0	208.0	207.0	207.0**	187.0*	155.0**	135.0**	-	-
8.0	189.0	188.0	189.0**	179.0**	144.0**	125.0**	105.0**	-
9.0	174.0	173.0	173.0**	170.0**	132.0**	116.0**	100.0**	90.0**
10.0	161.0	160.0	160.0	161.0**	121.0	108.0**	94.0	85.0**
12.0	137.0	135.0	136.0	137.0	105.0	93.0	84.0	77.0
14.0	-	115.0	115.0	116.0	91.0	82.0	76.0	69.0
16.0	-	99.4	99.8	101.0	80.0	73.0	67.0	62.0
18.0	-	74.3	87.6	88.7	72.0	65.0	61.0	56.0
20.0	-	-	76.6	78.4	65.0	59.0	55.0	51.0
22.0	-	-	64.5	67.3	57.0	53.0	51.0	46.0
24.0	-	-	-	58.6	52.0	48.0	47.0	42.0
26.0	-	-	-	51.7	47.0	44.0	43.0	39.0
28.0	-	-	-	-	43.0	40.0	40.0	36.0
30.0	-	-	-	-	40.0	38.0	37.0	33.0
32.0	-	-	-	-	36.0	35.0	34.0	31.0
34.0	-	-	-	-	-	32.0	32.0	29.0
36.0	-	-	-	-	-	29.8	29.0	27.0
38.0	-	-	-	-	-	-	27.0	25.0
40.0	-	-	-	-	-	-	25.0	23.0
44.0	-	-	-	-	-	-	-	20.0
46.0	-	-	-	-	-	-	-	18.0

*Double hook block required / Crochet bimoufle exigé / Doppelunterflasche erforderlich / Dubbele hijblok noodzakelijk

**Lifting cable reeved over secondary hoist / Câble de lavage mouflé sur treuil 2 / Hubseil eingesichert über Hubwerk 2 / Hijskabel over hijslier 2

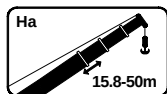


DEMAG AC 1600

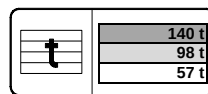
500 TON

Capacities
Capacités

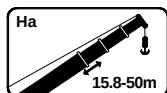
Tragfähigkeiten
Capaciteiten



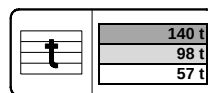
Ha



	15.8 m	20.7 m	25.6 m	30.5 m	35.4 m	40.2 m	45.1 m	50.0 m
m	t	t	t	t	t	t	t	t
3.0	320.0*	-	-	-	-	-	-	-
3.5	299.0*	290.0*	-	-	-	-	-	-
4.0	279.0	278.0*	-	-	-	-	-	-
4.5	262.0	262.0*	260.0*	-	-	-	-	-
5.0	248.0	247.0**	247.0*	200.0*	-	-	-	-
6.0	223.0	222.0**	222.0*	194.0*	165.0*	-	-	-
7.0	201.0	200.0	201.0**	187.0*	155.0**	135.0**	-	-
8.0	184.0	183.0	184.0**	179.0**	144.0**	125.0**	105.0**	-
9.0	165.0	164.0	165.0	166.0**	132.0**	116.0**	100.0**	90.0**
10.0	149.0	147.0	148.0	149.0	121.0	108.0**	94.0	85.0**
12.0	123.0	121.0	122.0	123.0	105.0	93.0	84.0	77.0
14.0	-	96.5	97.6	100.0	91.0	82.0	76.0	69.0
16.0	-	75.1	76.0	78.1	76.9	73.0	67.0	62.0
18.0	-	60.5	61.2	63.3	62.0	62.5	61.0	56.0
20.0	-	-	50.1	52.0	50.8	51.2	52.7	51.0
22.0	-	-	42.0	43.7	42.4	42.9	44.2	44.4
24.0	-	-	-	37.3	36.0	36.4	37.7	37.9
26.0	-	-	-	32.3	30.9	31.3	32.5	32.7
28.0	-	-	-	-	26.9	27.1	28.3	28.5
30.0	-	-	-	-	23.5	23.7	24.8	25.0
32.0	-	-	-	-	20.6	20.7	21.9	22.0
34.0	-	-	-	-	-	18.1	19.2	19.3
36.0	-	-	-	-	-	16.0	17.0	17.0
38.0	-	-	-	-	-	-	15.0	15.3
40.0	-	-	-	-	-	-	13.4	13.3
44.0	-	-	-	-	-	-	-	10.4
46.0	-	-	-	-	-	-	-	9.3



Ha



	15.8 m	20.7 m	25.6 m	30.5 m	35.4 m	40.2 m	45.1 m	50.0 m
m	t	t	t	t	t	t	t	t
3.0	268.0	-	-	-	-	-	-	-
3.5	247.0	246.0**	-	-	-	-	-	-
4.0	228.0	227.0**	-	-	-	-	-	-
4.5	212.0	211.0	212.0**	-	-	-	-	-
5.0	198.0	197.0	197.0**	199.0*!	-	-	-	-
6.0	174.0	173.0	174.0**	175.0**	165.0*!	-	-	-
7.0	155.0	154.0	155.0	156.0*	155.0**	135.0**	-	-
8.0	140.0	139.0	139.0	141.0	140.0**	125.0**	105.0**	-
9.0	127.0	126.0	127.0	128.0	127.0	116.0**	100.0**	90.0**
10.0	114.0	113.0	114.0	115.0	114.0	108.0**	94.0	85.0**
12.0	90.3	88.2	89.2	91.5	90.3	90.9	84.0	77.0
14.0	-	66.5	67.4	69.3	68.3	68.8	70.3	69.0
16.0	-	52.5	53.2	55.0	54.0	54.5	55.8	56.0
18.0	-	42.8	43.3	45.0	44.0	44.4	45.7	45.9
20.0	-	-	36.0	37.5	36.6	37.0	38.2	38.3
22.0	-	-	30.5	31.9	30.9	31.3	32.4	32.6
24.0	-	-	-	27.4	26.4	26.7	27.8	28.0
26.0	-	-	-	23.9	22.8	23.1	24.1	24.3
28.0	-	-	-	-	19.8	20.0	21.1	21.2
30.0	-	-	-	-	17.3	17.5	18.5	18.6
32.0	-	-	-	-	15.3	15.4	16.3	16.4
34.0	-	-	-	-	-	13.6	14.4	14.5
36.0	-	-	-	-	-	12.0	12.8	12.9
38.0	-	-	-	-	-	-	11.4	11.4
40.0	-	-	-	-	-	-	10.2	10.1
42.0	-	-	-	-	-	-	-	9.0
44.0	-	-	-	-	-	-	-	8.1
46.0	-	-	-	-	-	-	-	7.2

*Double hook block required / Crochet bimoufle exigé / Doppelunterflasche erforderlich / Dubbele hijblok noodzakelijk

**Lifting cable reeved over secondary hoist / Câble de lavage mouflé sur treuil 2 / Hubseil eingesichert über Hubwerk 2 / Hijkabel over huijslier 2

! Only with heavy duty attachment / Seulement avec dispositif pour charges lourdes / Nur mit Schwerlasteinrichtung / Enkel met zware-lastinrichting.

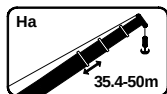


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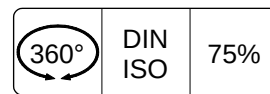
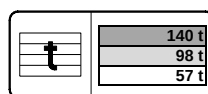
Capacities
Capacités

500 TON

Tragfähigkeiten
Capacités



HaSL



	35.4 m	40.2 m	45.1 m	50.0 m
m	t	t	t	t
6.0	170.0*	-	-	-
7.0	165.0*	140.0*	-	-
8.0	160.0**	138.0**	110.0**	-
9.0	155.0**	136.0**	108.0**	90.0**
10.0	149.0**	133.0**	106.0**	88.0**
12.0	138.0**	126.0**	102.0**	84.0**
14.0	121.0	115.0**	97.0**	80.0
16.0	107.0	99.6	90.0	75.0
18.0	95.5	87.3	84.0	70.0
20.0	85.3	77.4	77.0	65.0
22.0	76.4	66.6	70.0	60.0
24.0	68.8	57.8	65.0	56.0
26.0	61.3	50.7	61.0	52.0
28.0	53.8	44.8	56.0	48.0
30.0	45.5	40.0	52.0	45.0
32.0	34.5	35.9	48.0	42.0
34.0	-	32.5	44.6	40.0
36.0	-	29.5	40.0	38.0
38.0	-	-	35.0	35.0
40.0	-	-	29.3	33.0
44.0	-	-	-	26.0
46.0	-	-	-	20.1

	35.4 m	40.2 m	45.1 m	50.0 m
m	t	t	t	t
6.0	170.0*	-	-	-
7.0	165.0*	140.0*	-	-
8.0	160.0**	138.0**	110.0**	-
9.0	155.0**	136.0**	108.0**	90.0**
10.0	149.0**	133.0**	106.0**	88.0**
12.0	135.0**	126.0**	102.0**	84.0**
14.0	114.0	115.0**	97.0**	80.0
16.0	99.2	99.6	90.0	75.0
18.0	86.9	87.3	84.0	70.0
20.0	76.9	77.4	77.0	65.0
22.0	66.1	66.6	68.0	60.0
24.0	57.3	57.8	59.1	56.0
26.0	50.2	50.7	51.9	52.0
28.0	44.5	44.8	46.0	46.3
30.0	39.7	40.0	41.1	41.4
32.0	34.5	35.9	37.0	37.3
34.0	-	32.5	33.5	33.7
36.0	-	29.5	30.4	30.6
38.0	-	-	27.7	27.9
40.0	-	-	25.4	25.5
44.0	-	-	-	21.4
46.0	-	-	-	19.6

*Double hook block required / Crochet bimoufle exigé / Doppelunterflasche erforderlich / Dubbele hijblok noodzakelijk

**Lifting cable reeved over secondary hoist / Câble de lavage mouflé sur treuil 2 / Hubseil eingeschert über Hubwerk 2 / Hijskabel over hijslier 2



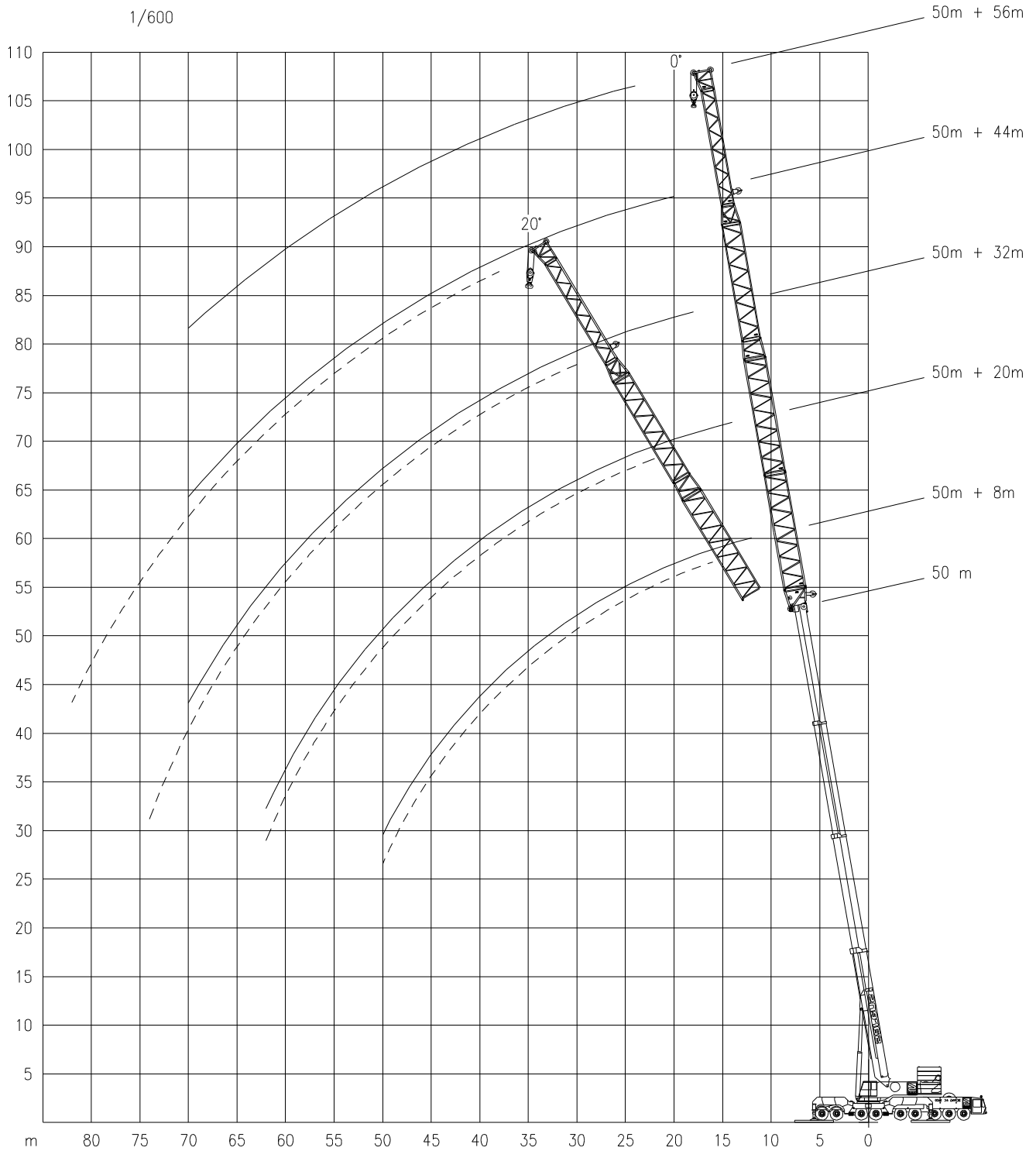
DEMAG AC 1600

Working ranges
Portées

500 TON

Arbeitsbereiche
Werkbereich

FHi



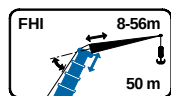


DEMAG AC 1600

Capacities
Capacités

500 TON

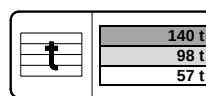
Tragfähigkeiten
Capacités



FHi



12 m



	50.0 m									
	8 m		20 m		32 m		44 m		56 m	
	0°	20°	0°	20°	0°	20°	0°	20°	0°	
m	t	t	t	t	t	t	t	t	t	
12.0	55.0	-	-	-	-	-	-	-	-	
14.0	50.0	-	40.0	-	-	-	-	-	-	
16.0	45.5	42.5	37.0	-	-	-	-	-	-	
18.0	41.5	39.5	35.0	-	24.0	-	-	-	-	
20.0	38.0	37.0	31.5	-	23.0	-	15.8	-	-	
22.0	35.0	34.0	29.5	22.0	21.5	-	15.0	-	-	
24.0	32.5	32.0	27.5	21.6	20.5	-	14.0	-	-	
26.0	30.0	29.8	25.5	20.9	19.5	-	13.2	-	11.2	
28.0	28.0	27.4	23.7	19.6	18.5	-	12.5	-	10.5	
30.0	26.0	25.0	22.0	18.5	16.5	14.5	11.8	-	9.8	
34.0	23.0	22.2	19.0	17.0	13.8	13.2	10.5	-	9.2	
38.0	20.5	19.5	16.6	15.5	13.0	12.1	9.4	9.5	8.1	
42.0	18.0	17.0	14.8	14.4	11.2	11.0	8.5	8.4	7.1	
46.0	16.0	15.0	13.3	13.0	9.8	10.0	7.7	7.7	6.4	
50.0	14.0	13.5	12.0	11.5	8.5	9.0	6.4	7.0	5.7	
54.0	-	-	10.7	10.5	7.4	8.2	5.8	6.4	5.2	
58.0	-	-	9.8	9.4	6.5	7.3	4.8	5.8	4.3	
62.0	-	-	9.0	8.5	5.5	6.5	4.0	5.2	3.6	
66.0	-	-	-	-	5.0	5.7	3.4	4.7	3.0	
70.0	-	-	-	-	4.5	5.0	2.8	4.2	2.4	
74.0	-	-	-	-	-	4.5	-	3.6	1.8	
78.0	-	-	-	-	-	-	-	3.1	-	
82.0	-	-	-	-	-	-	-	2.5	-	

	50.0 m									
	8 m		20 m		32 m		44 m		56 m	
	0°	20°	0°	20°	0°	20°	0°	20°	0°	
m	t	t	t	t	t	t	t	t	t	
12.0	55.0	-	-	-	-	-	-	-	-	
14.0	50.0	-	40.0	-	-	-	-	-	-	
16.0	45.5	42.5	37.0	-	-	-	-	-	-	
18.0	41.5	39.5	35.0	-	24.0	-	-	-	-	
20.0	38.0	37.0	31.5	-	23.0	-	15.8	-	-	
22.0	35.0	34.0	29.5	22.0	21.5	-	15.0	-	-	
24.0	32.5	32.0	27.5	21.6	20.5	-	14.0	-	11.2	
26.0	30.0	29.8	25.5	20.9	19.5	-	13.2	-	10.5	
28.0	28.0	27.4	23.7	19.6	18.5	-	12.5	-	9.8	
30.0	24.8	25.0	22.0	18.5	16.5	14.5	11.8	-	9.2	
34.0	18.9	19.9	19.0	17.0	13.8	13.2	10.5	-	8.1	
38.0	14.5	15.2	16.2	15.5	13.0	12.1	9.4	9.5	7.1	
42.0	11.0	11.6	12.7	14.4	11.2	11.0	8.5	8.4	6.4	
46.0	8.3	8.8	9.9	11.3	9.8	10.0	7.7	7.7	5.7	
50.0	6.2	6.4	7.6	8.8	8.0	9.0	6.4	7.0	5.2	
54.0	-	-	5.8	6.7	6.0	7.9	5.8	6.4	4.3	
58.0	-	-	4.2	4.9	4.5	6.0	4.6	5.8	3.6	
62.0	-	-	2.9	3.4	3.1	4.4	3.2	5.2	3.0	
66.0	-	-	-	-	1.9	3.0	2.0	3.8	1.7	
70.0	-	-	-	-	-	1.7	-	2.5	-	



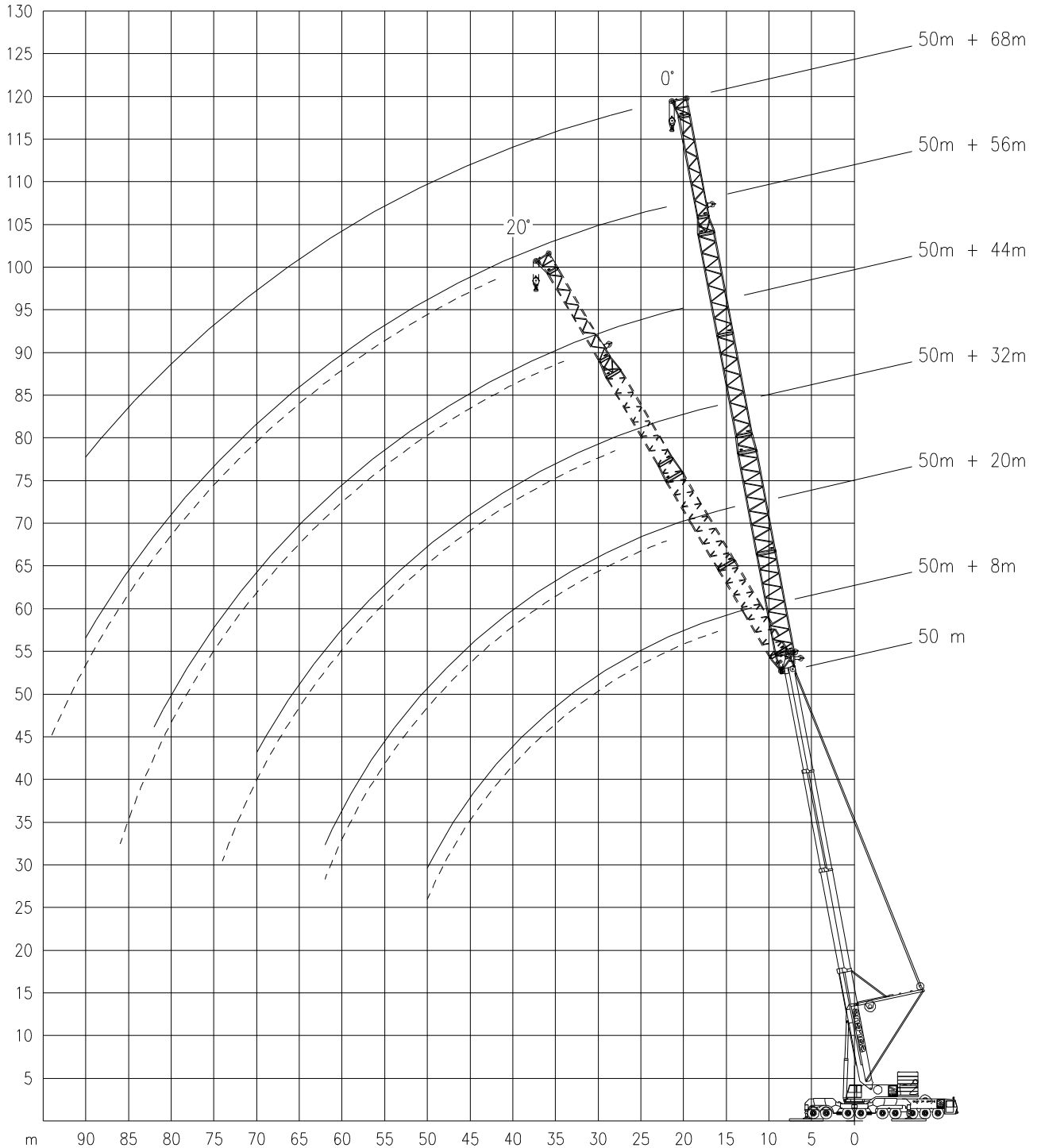
DEMAG AC 1600

Working ranges
Portées

500 TON

Arbeitsbereiche
Werkbereich

FHi + SL



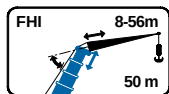


DEMAG AC 1600

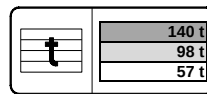
Capacities
Capacités

500 TON

Tragfähigkeiten
Capacités



FHi



	50.0 m					
	8 m	20 m	32 m	44 m	56 m	68 m
	0°	0°	0°	0°	0°	0°
m	t	t	t	t	t	t
12.0	55.0	-	-	-	-	-
14.0	52.5	40.0	-	-	-	-
16.0	51.0	39.0	25.0	-	-	-
18.0	49.0	37.5	24.5	-	-	-
20.0	48.0	36.5	23.5	16.0	-	-
22.0	46.5	35.0	23.0	15.7	12.0	-
24.0	45.0	34.0	22.5	15.4	11.7	-
26.0	43.5	33.0	22.0	15.0	11.5	6.0
28.0	42.0	32.0	21.5	14.7	11.2	5.9
30.0	37.5	31.0	21.0	14.4	11.0	5.8
34.0	35.0	28.5	20.0	13.7	10.5	5.7
38.0	31.5	26.5	18.5	13.0	10.0	5.5
42.0	28.0	24.5	17.5	12.4	9.5	5.4
46.0	24.6	22.5	16.5	11.7	9.0	5.3
50.0	-	20.5	15.5	11.1	8.5	5.1
54.0	-	18.5	14.5	10.5	8.0	5.0
58.0	-	16.5	13.5	9.8	7.5	4.8
62.0	-	15.0	12.5	9.2	7.0	4.5
66.0	-	-	11.0	8.5	6.5	4.3
70.0	-	-	10.0	7.9	6.0	4.0
74.0	-	-	-	7.3	5.5	3.7
78.0	-	-	-	6.6	5.0	3.5
82.0	-	-	-	6.0	4.5	3.2
86.0	-	-	-	-	4.0	3.0
90.0	-	-	-	-	3.5	2.7
94.0	-	-	-	-	-	2.4
98.0	-	-	-	-	-	2.1

	50.0 m										
	8 m		20 m		32 m		44 m		56 m		68 m
	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°	0°
m	t	t	t	t	t	t	t	t	t	t	t
12.0	55.0	-	-	-	-	-	-	-	-	-	-
14.0	52.5	-	40.0	-	-	-	-	-	-	-	-
16.0	51.0	43.0	39.0	-	25.0	-	-	-	-	-	-
18.0	49.0	41.5	37.5	-	24.5	-	-	-	-	-	-
20.0	48.0	40.0	36.5	-	23.5	-	16.0	-	-	-	-
22.0	46.5	38.0	35.0	23.0	23.0	-	15.7	-	12.0	-	-
24.0	45.0	36.5	34.0	22.5	22.5	-	15.4	-	11.7	-	-
26.0	43.5	35.0	33.0	22.0	22.0	-	15.0	-	11.5	-	6.0
28.0	42.0	34.0	32.0	21.5	21.5	16.0	14.7	-	11.2	-	5.9
30.0	40.5	32.5	31.0	21.0	21.0	15.5	14.4	-	11.0	-	5.8
34.0	33.6	30.0	28.5	20.5	20.0	15.0	13.7	10.5	10.5	-	5.7
38.0	27.7	27.5	26.5	20.0	18.5	14.0	13.0	9.8	10.0	-	5.5
42.0	22.9	23.5	24.5	18.5	17.5	13.0	12.4	9.4	9.5	7.5	5.4
46.0	18.9	19.4	20.6	17.5	16.5	12.0	11.7	9.0	9.0	7.0	5.3
50.0	15.7	16.0	17.3	16.0	15.5	11.5	11.1	8.5	8.5	6.5	5.1
54.0	-	-	14.6	14.5	14.5	11.0	10.5	8.0	8.0	6.2	5.0
58.0	-	-	12.3	13.0	12.7	10.0	9.8	7.5	7.5	5.8	4.8
62.0	-	-	10.4	10.9	10.7	9.5	9.2	7.0	7.0	5.4	4.5
66.0	-	-	-	-	8.9	8.5	8.5	6.5	6.5	5.0	4.3
70.0	-	-	-	-	7.5	8.0	7.6	6.0	6.0	4.7	4.0
74.0	-	-	-	-	-	6.8	6.3	5.4	5.5	4.4	3.7
78.0	-	-	-	-	-	-	5.1	4.8	4.8	4.1	3.5
82.0	-	-	-	-	-	-	4.0	4.3	3.7	3.9	3.2
86.0	-	-	-	-	-	-	-	3.7	2.8	3.6	2.8
90.0	-	-	-	-	-	-	-	-	1.9	3.1	1.9
94.0	-	-	-	-	-	-	-	-	-	2.1	-



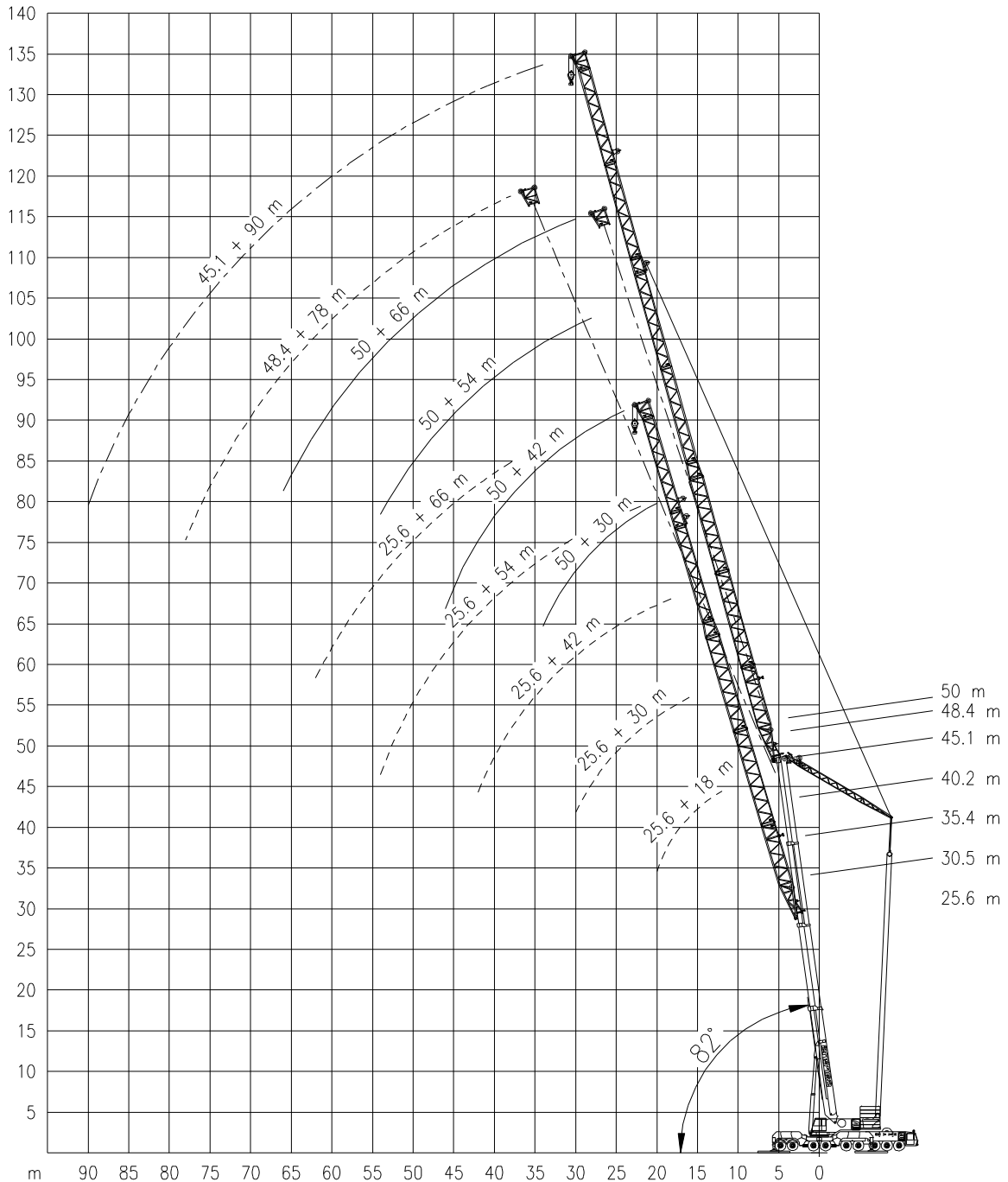
DEMAG AC 1600

Working ranges
Portées

500 TON

Arbeitsbereiche
Werkbereich

WiHi 82°



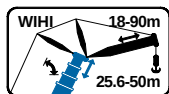


DEMAG AC 1600

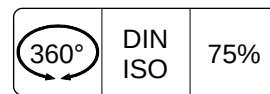
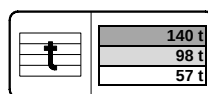
Capacities
Capacités

500 TON

Tragfähigkeiten
Capacités



WIHI 82°



m	25.6 m							30.5 m						
	18m	30m	42m	54m	66m	78m	90m	18m	30m	42m	54m	66m	78m	90m
12.0	125.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14.0	113.0	-	-	-	-	-	-	-	-	-	-	-	-	-
16.0	95.7	85.0	-	-	-	-	-	-	70.0	-	-	-	-	-
18.0	82.0	85.0	55.0	-	-	-	-	-	69.5	45.0	-	-	-	-
20.0	62.8	79.7	55.0	-	-	-	-	-	69.0	45.0	-	-	-	-
22.0	-	71.4	55.0	37.0	-	-	-	-	68.5	45.0	30.0	-	-	-
24.0	-	64.5	55.0	37.0	-	-	-	-	67.4	45.0	30.0	-	-	-
26.0	-	58.8	55.0	37.0	25.0	-	-	-	61.2	45.0	30.0	23.0	-	-
28.0	-	53.8	55.0	37.0	24.5	-	-	-	55.9	45.0	30.0	23.0	15.0	-
30.0	-	47.8	50.7	37.0	24.0	-	-	-	51.0	45.0	30.0	23.0	15.0	-
34.0	-	-	43.6	37.0	23.0	-	-	-	-	43.3	30.0	23.0	15.0	10.0
38.0	-	-	37.7	36.7	22.0	-	-	-	-	37.4	30.0	22.0	15.0	9.7
42.0	-	-	32.2	32.1	21.0	-	-	-	-	32.9	30.0	21.0	15.0	9.5
46.0	-	-	-	28.4	20.0	-	-	-	-	-	28.2	19.5	15.0	9.2
50.0	-	-	-	25.4	19.0	-	-	-	-	-	25.2	18.5	14.0	9.0
54.0	-	-	-	21.1	18.0	-	-	-	-	-	22.7	17.5	13.0	8.7
58.0	-	-	-	-	17.0	-	-	-	-	-	-	16.5	12.5	8.4
62.0	-	-	-	-	16.0	-	-	-	-	-	-	16.0	12.0	8.1
66.0	-	-	-	-	-	-	-	-	-	-	-	15.5	11.5	7.8
70.0	-	-	-	-	-	-	-	-	-	-	-	-	11.0	7.6
74.0	-	-	-	-	-	-	-	-	-	-	-	-	10.5	7.4
78.0	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2
82.0	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1
86.0	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0
90.0	-	-	-	-	-	-	-	-	-	-	-	-	-	6.9
35.4 m							40.2 m							
16.0	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-
18.0	-	60.0	-	-	-	-	-	-	50.0	-	-	-	-	-
20.0	-	60.0	40.0	-	-	-	-	-	50.0	-	-	-	-	-
22.0	-	60.0	40.0	-	-	-	-	-	49.5	34.0	-	-	-	-
24.0	-	59.0	40.0	28.0	-	-	-	-	49.0	34.0	24.0	-	-	-
26.0	-	58.0	40.0	28.0	-	-	-	-	48.0	34.0	24.0	-	-	-
28.0	-	55.0	40.0	28.0	20.0	-	-	-	47.0	34.0	24.0	17.0	-	-
30.0	-	50.2	40.0	28.0	20.0	-	-	-	46.0	34.0	24.0	17.0	-	-
34.0	-	-	40.0	28.0	20.0	13.0	8.0	-	-	34.0	24.0	17.0	12.0	-
38.0	-	-	36.8	28.0	20.0	13.0	7.9	-	-	34.0	24.0	17.0	12.0	6.0
42.0	-	-	32.3	28.0	20.0	13.0	7.8	-	-	32.0	24.0	17.0	12.0	6.0
46.0	-	-	-	27.7	20.0	13.0	7.7	-	-	-	24.0	17.0	12.0	6.0
50.0	-	-	-	24.7	19.0	13.0	7.7	-	-	-	24.0	17.0	12.0	6.0
54.0	-	-	-	22.3	18.0	13.0	7.6	-	-	-	22.0	17.0	12.0	6.0
58.0	-	-	-	-	17.0	13.0	7.5	-	-	-	-	17.0	12.0	6.0
62.0	-	-	-	-	16.0	12.5	7.4	-	-	-	-	17.0	12.0	6.0
66.0	-	-	-	-	15.0	12.0	7.4	-	-	-	-	15.9	12.0	6.0
70.0	-	-	-	-	-	11.5	7.3	-	-	-	-	-	12.0	6.0
74.0	-	-	-	-	-	11.0	7.2	-	-	-	-	-	11.5	6.0
78.0	-	-	-	-	-	-	7.1	-	-	-	-	-	11.0	6.0
82.0	-	-	-	-	-	-	7.0	-	-	-	-	-	-	6.0
86.0	-	-	-	-	-	-	6.8	-	-	-	-	-	-	6.0
90.0	-	-	-	-	-	-	6.5	-	-	-	-	-	-	6.0
45.1 m							50.0 m							
18.0	-	41.0	-	-	-	-	-	-	-	-	-	-	-	-
20.0	-	41.0	-	-	-	-	-	-	33.0	-	-	-	-	-
22.0	-	40.5	28.0	-	-	-	-	-	33.0	-	-	-	-	-
24.0	-	40.0	28.0	-	-	-	-	-	33.0	22.0	-	-	-	-
26.0	-	39.0	28.0	20.0	-	-	-	-	33.0	22.0	-	-	-	-
28.0	-	38.5	28.0	20.0	-	-	-	-	31.8	22.0	16.0	-	-	-
30.0	-	38.0	28.0	20.0	14.5	-	-	-	31.0	22.0	16.0	10.5	-	-
34.0	-	36.5	28.0	20.0	14.5	10.0	-	-	29.0	22.0	16.0	10.5	-	-
38.0	-	-	28.0	20.0	14.5	10.0	4.0	-	-	22.0	16.0	10.5	8*	-
42.0	-	-	28.0	20.0	14.5	10.0	4.0	-	-	21.0	16.0	10.5	8*	-
46.0	-	-	-	20.0	14.5	10.0	4.0	-	-	20.0	16.0	10.5	8*	-
50.0	-	-	-	20.0	14.5	10.0	4.0	-	-	-	15.5	10.5	8*	-
54.0	-	-	-	20.0	14.5	10.0	4.0	-	-	-	15.0	10.5	8*	-
58.0	-	-	-	-	14.5	10.0	4.0	-	-	-	-	10.5	8*	-
62.0	-	-	-	-	14.5	10.0	4.0	-	-	-	-	10.5	8*	-
66.0	-	-	-	-	14.5	10.0	4.0	-	-	-	-	10.5	8*	-
70.0	-	-	-	-	-	10.0	4.0	-	-	-	-	-	8*	-
74.0	-	-	-	-	-	10.0	4.0	-	-	-	-	-	8*	-
78.0	-	-	-	-	-	10.0	4.0	-	-	-	-	-	8*	-
82.0	-	-	-	-	-	-	4.0	-	-	-	-	-	-	-
86.0	-	-	-	-	-	-	4.0	-	-	-	-	-	-	-
90.0	-	-	-	-	-	-	4.0	-	-	-	-	-	-	-

*Main boom 48.4m / Flèche principale 48.4m / Hauptausleger 48.4m / Hoofdgiek 48.4m



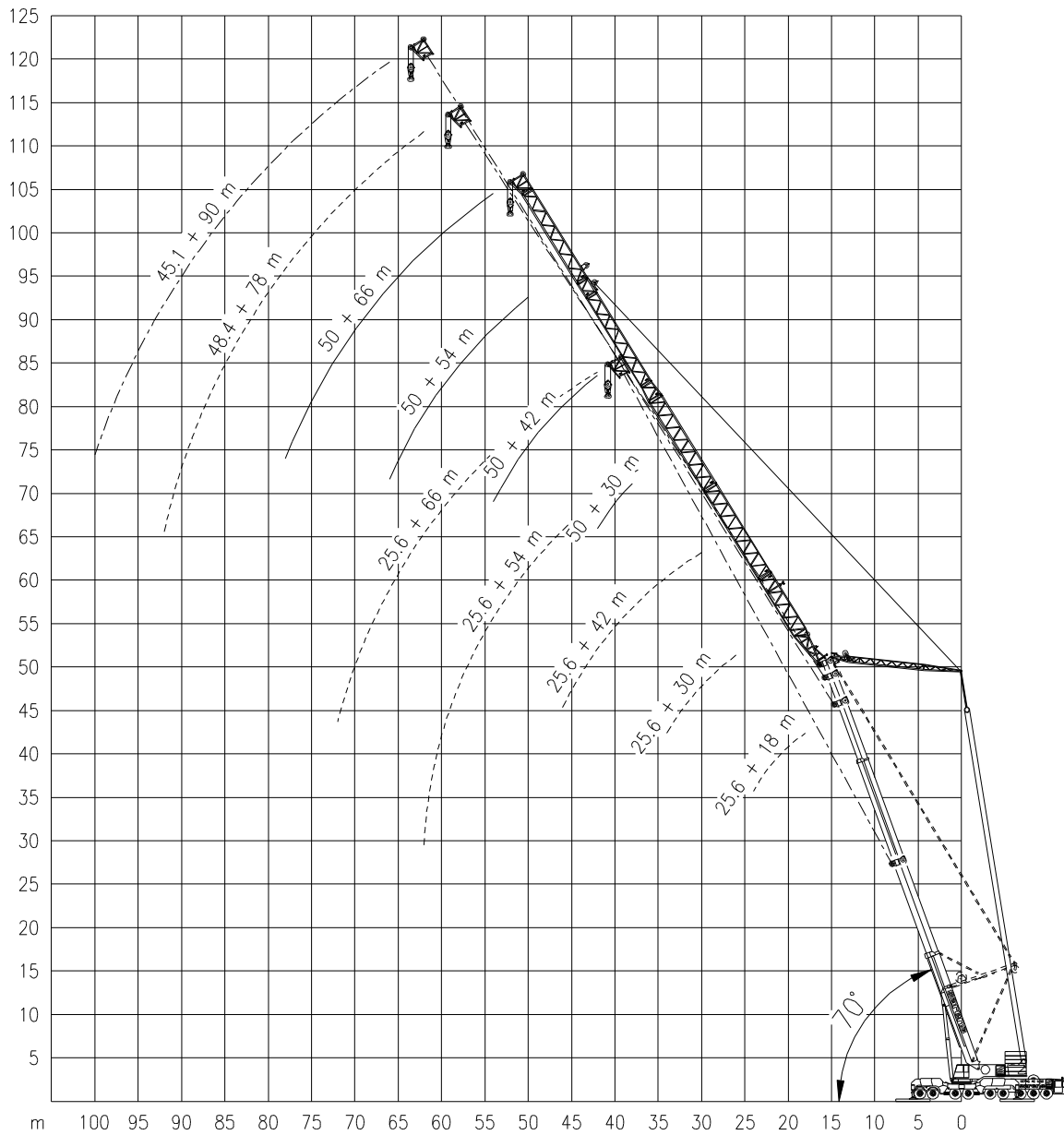
DEMAG AC 1600

Working ranges
Portées

500 TON

Arbeitsbereiche
Werkbereich

WiHi 70° + WiHiSL 70°



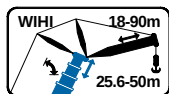


DEMAG AC 1600

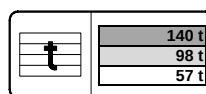
Capacities
Capacités

500 TON

Tragfähigkeiten
Capacités



WIHI 70°



	25.6 m							30.5 m						
	18m	30m	42m	54m	66m	78m	90m	18m	30m	42m	54m	66m	78m	90m
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t
18.0	80.0	-	-	-	-	-	-	-	-	-	-	-	-	-
20.0	55.5	-	-	-	-	-	-	-	-	-	-	-	-	-
22.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-
24.0	28.0	-	-	-	-	-	-	-	-	-	-	-	-	-
26.0	-	53.4	-	-	-	-	-	-	52.5	-	-	-	-	-
28.0	-	48.3	-	-	-	-	-	-	47.5	-	-	-	-	-
30.0	-	44.0	43.1	-	-	-	-	-	43.2	-	-	-	-	-
34.0	-	37.2	36.3	-	-	-	-	-	36.5	35.6	-	-	-	-
38.0	-	-	31.2	30.0	-	-	-	-	31.6	30.6	29.0	-	-	-
42.0	-	-	27.2	26.2	20.0	-	-	-	-	26.7	25.6	21.0	-	-
46.0	-	-	24.1	23.0	19.5	-	-	-	-	23.6	22.5	19.5	-	-
50.0	-	-	-	20.4	19.0	-	-	-	-	21.0	19.9	18.5	13.6	-
54.0	-	-	-	18.3	17.7	-	-	-	-	-	17.8	17.2	13.0	-
58.0	-	-	-	16.5	15.9	-	-	-	-	-	16.0	15.4	12.5	-
62.0	-	-	-	15.3	14.3	-	-	-	-	-	14.5	13.9	12.0	-
66.0	-	-	-	-	12.9	-	-	-	-	-	-	12.6	11.5	-
70.0	-	-	-	-	11.8	-	-	-	-	-	-	11.4	10.6	-
74.0	-	-	-	-	11.0	-	-	-	-	-	-	10.4	9.6	-
78.0	-	-	-	-	(72m)	-	-	-	-	-	-	-	8.7	-
82.0	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-
86.0	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-
	35.4 m							40.2 m						
30.0	-	41.4	-	-	-	-	-	-	37.0	-	-	-	-	-
34.0	-	35.0	34.1	-	-	-	-	-	33.9	-	-	-	-	-
38.0	-	30.2	29.2	-	-	-	-	-	29.2	27.5	-	-	-	-
42.0	-	-	25.4	24.3	-	-	-	-	25.5	24.6	-	-	-	-
46.0	-	-	22.4	21.3	18.2	-	-	-	-	21.6	20.0	-	-	-
50.0	-	-	20.0	18.9	17.5	-	-	-	-	19.3	18.1	15.9	-	-
54.0	-	-	-	16.8	16.3	-	-	-	-	17.3	16.1	15.5	-	-
58.0	-	-	-	15.1	14.5	11.9	-	-	-	-	14.4	13.9	12.0	-
62.0	-	-	-	13.6	13.0	11.6	-	-	-	-	13.0	12.4	11.6	6.0
66.0	-	-	-	-	11.7	10.9	-	-	-	-	11.8	11.2	10.4	6.0
70.0	-	-	-	-	10.6	9.8	-	-	-	-	-	10.1	9.3	6.0
74.0	-	-	-	-	9.6	8.9	-	-	-	-	-	9.1	8.3	6.0
78.0	-	-	-	-	-	8.0	-	-	-	-	-	8.3	7.5	6.0
82.0	-	-	-	-	-	7.2	-	-	-	-	-	-	6.7	6.0
86.0	-	-	-	-	-	6.5	-	-	-	-	-	-	5.9	5.9
90.0	-	-	-	-	-	-	-	-	-	-	-	-	5.3	5.7
94.0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3
98.0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8
100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
	45.1 m							50.0 m						
34.0	-	28.5	-	-	-	-	-	-	-	-	-	-	-	-
38.0	-	26.0	23.0	-	-	-	-	-	21.5	-	-	-	-	-
42.0	-	24.5	21.5	-	-	-	-	-	19.5	16.0	-	-	-	-
46.0	-	-	20.0	16.0	-	-	-	-	-	15.0	-	-	-	-
50.0	-	-	18.8	15.0	13.5	-	-	-	-	14.0	10.0	-	-	-
54.0	-	-	16.8	14.5	13.0	-	-	-	-	13.5	10.0	8.5	-	-
58.0	-	-	-	14.0	12.5	-	-	-	-	-	9.6	8.1	-	-
62.0	-	-	-	12.6	12.0	9.0	-	-	-	-	9.5	7.8	5.5*	-
66.0	-	-	-	11.3	10.8	8.7	4.0	-	-	-	9.3	7.3	5.2*	-
70.0	-	-	-	-	9.7	8.4	4.0	-	-	-	-	6.9	4.8*	-
74.0	-	-	-	-	8.8	7.9	4.0	-	-	-	-	6.7	4.5*	-
78.0	-	-	-	-	7.9	7.0	4.0	-	-	-	-	6.5	4.0*	-
82.0	-	-	-	-	-	6.2	4.0	-	-	-	-	-	3.8*	-
86.0	-	-	-	-	-	5.5	4.0	-	-	-	-	-	3.6*	-
90.0	-	-	-	-	-	4.8	4.0	-	-	-	-	-	3.4*	-
94.0	-	-	-	-	-	-	4.0	-	-	-	-	-	3.2*	-
98.0	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-
100.0	-	-	-	-	-	-	3.7	-	-	-	-	-	-	-

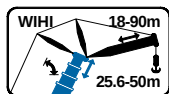


DEMAG AC 1 600

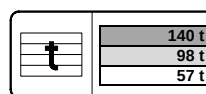
500 TON

Capacities
Capacités

Tragfähigkeiten
Capaciteiten



WIHISL 70°



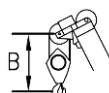
	35.4 m				40.2 m				45.1 m				50.0 m			
	30m	42m	54m	66m	30m	42m	54m	66m	30m	42m	54m	66m	30m	42m	54m	66m
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
28.0	46.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.0	46.0	-	-	-	42.6	-	-	-	-	-	-	-	-	-	-	-
34.0	45.0	37.5	-	-	38.5	33.0	-	-	33.0	-	-	-	27.8	-	-	-
38.0	42.0	35.5	27.0	-	35.5	33.0	-	-	30.5	24.2	-	-	26.0	20.3	-	-
42.0	-	34.0	27.0	-	34.0	32.5	22.0	-	29.0	23.3	17.5	-	25.1	19.5	13.0	-
46.0	-	33.0	27.0	18.1	-	32.0	21.9	-	-	22.7	17.5	-	-	18.8	12.4	-
50.0	-	29.5	27.0	18.0	-	28.8	21.4	15.5	-	22.2	17.5	10.0	-	18.4	12.1	-
54.0	-	-	25.9	17.7	-	25.0	20.7	15.5	-	21.8	17.5	10.0	-	18.2	12.0	7.0
58.0	-	-	23.5	17.2	-	-	20.0	15.5	-	-	17.5	10.0	-	-	12.0	7.0
62.0	-	-	21.5	16.5	-	-	19.4	15.5	-	-	17.5	10.0	-	-	12.0	7.0
66.0	-	-	-	15.9	-	-	19.0	15.5	-	-	17.5	10.0	-	-	12.0	7.0
70.0	-	-	-	15.4	-	-	-	15.5	-	-	-	10.0	-	-	-	7.0
74.0	-	-	-	15.1	-	-	-	15.5	-	-	-	10.0	-	-	-	7.0
78.0	-	-	-	-	-	-	-	15.5	-	-	-	10.0	-	-	-	7.0

Working speeds
Vitesses de travail

Arbeitsgeschwindigkeiten
Werkssnelheden

Mechanisms Mécanismes Antriebe Aandrijvingen	Speeds Vitesses Geschwindigkeiten Snelheden	Rope diameter Diamètre du câble Seildurchmesser Kabeldiameter	Single line pull Effort sur brin simple Zulässiger Seilzug je strang Toegeleden trekkraft / part	Length of ropes Longueur des cables Länge der Seile Kabellengte
Main hoist Levage sur flèche Hubwerk 1 Hijsslier 1	Max 130 m/min	26 mm	120 kN	450 m
Auxiliary hoist Levage sur flèche Hubwerk 2 Hijsslier 2	Max 130 m/min	26 mm	120 kN	550 m
Slewing gear Orientation Drehwerk Zwenkwerk	0 – 1.0 RPM			
Travel speed Vitesse sur route Fahrgeschwindigkeit Rijsnelheid	0 – 65 km/h			
Booming up Relever la flèche Aufwippen Optoppen	2° - 82°			
Telescope Téléscoper Teleskopieren Telescoperen	16 m - 50 m			

Hook Block / Crane hook
Crochet mouflé / Crochet simple



Unterflasche / Hakengehänge
Kraanblok / Kraanhaak

Capacity Capacité Tragfähigkeit Capaciteit	Number of sheaves Nombre de poulies Anzahl der Rollen Aantal schijven	Number of lines Nombre de brins Strangzahl Aantal parten	Weight Poids Gewicht Gewicht	"B"
SWL 180 t	7	15	2700 kg	3.0 m
SWL 84 t	3	7	1800 kg	3.0 m
SWL 36 t	1	3	1200 kg	2.7 m
SWL 12 t	-	-	1000 kg	2.0 m

V.2011-12-13