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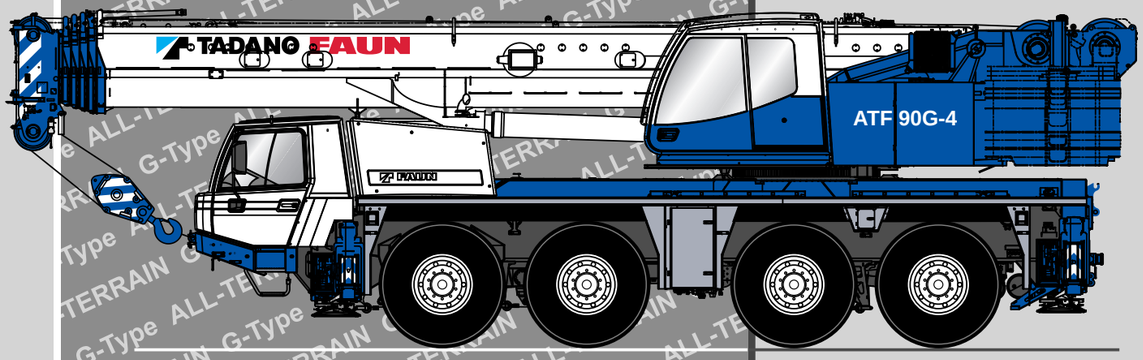
TADANO FAUN

Lift Adjuster
Option

ALL-TERRAIN
ATF 90G-4



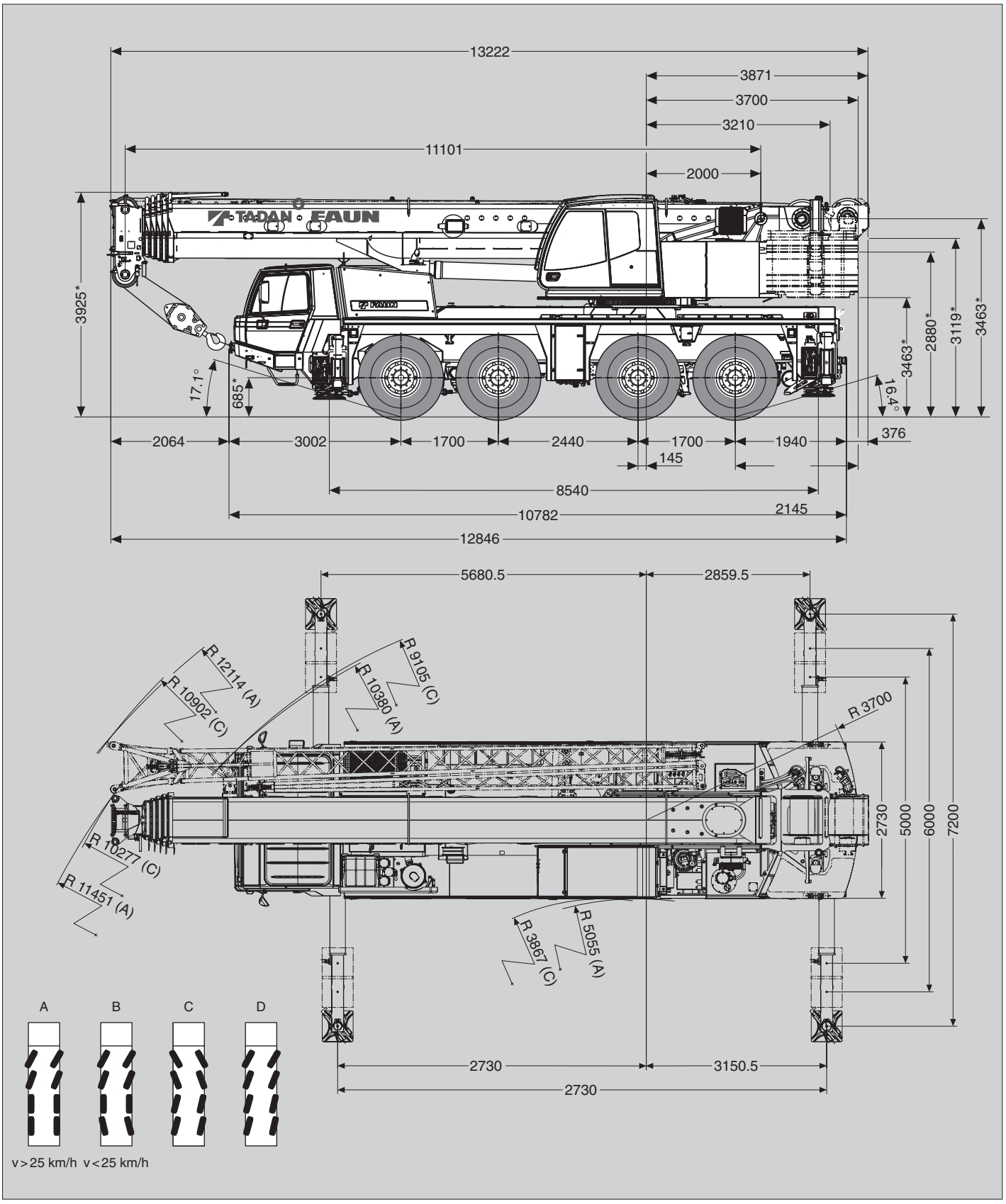
Vorläufig
Preliminary

System

Courtesy of Crane.Market

Ma e (mm)
Dimensions (mm)
Dimensiones (mm)

16.00 R 25
(445/95 R 25)



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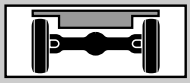
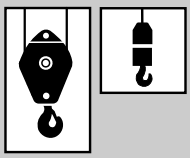
Courtesy of Crane.Market

Gewichte / Geschwindigkeiten
Weights / Working speeds

	Achse / Axle	1	2	3	4	Gesamtgewicht / Total weight
	(t)	12	12	12	12	48*

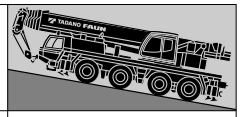
** Incl. 6,5 t Gegengewicht, 10 / 18 m Auslegerverlängerung, Unterflasche, Hakengeschirr, Bereifung 16.00 R 25 (445/95 R 25).*
** Incl. 6.5 t counterweight, 10 / 18 m boom extension, hook block, swivel hook, tyres 16.00 R 25 (445/95 R 25).*

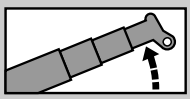
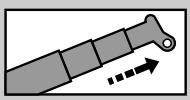


** Doppelhaken*
** Rams horn*

Traglast / Lifting capacity	Rollen / Sheaves	Stränge / Parts of line	Gewicht / Weight
100 t	9	19	1000 kg
63 t *	5	11	650 kg
40 t *	3	7	550 kg
40 t	3	7	550 kg
20 t	1	3	300 kg
6 t	–	1	150 kg

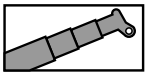
V+

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
14.00 (385/95) km/h	3	4	5	7	9	11	15	19	24	31	40	51	4	5	70%
	6	7	9	12	15	19	26	33	42	54	69	85	6	8	
16.00 (445/95) 20.5 (525/80) km/h	4	5	6	8	10	12	16	21	27	34	43	56	4	5	62%
	6	8	10	13	16	21	28	36	46	59	75	85	7	8	

V+	Stufenlos Infinitely variable		Seil Rope	Max. Seilzug Max. single line pull
	0 - 115 m/min	für einfachen Strang single line	18 mm / 230 m	55 kN
	0 - 115 m/min	für einfachen Strang single line	18 mm / 230 m	55 kN
	0 - 2 min^{-1}			
	-1° – +82°	ca. 35 s approx. 35 s		
	11.1 m – 51.2 m	ca. 310 s approx. 310 s		

Courtesy of Crane.Market

Tragfähigkeiten
Lifting capacities



22t

DIN / ISO / EN

m	11.1 m*	11.1 m	14.8 m	18.5 m	22.1 m	25.8 m	29.5 m	33.2 m	36.9 m	40.5 m	44.2 m	47.9 m	51.2 m
2.5	90.0												
3.0	81.6	76.1	65.0	65.0									
3.5	74.6	70.1	65.0	63.2	50.0								
4.0	68.3	64.2	63.5	59.2	50.0	41.3							
4.5	62.6	59.1	58.7	55.6	50.0	40.9							
5.0	57.8	54.6	54.2	52.3	50.0	39.2	31.6						
6.0	50.0	47.3	46.8	46.8	45.9	35.0	31.1	23.8					
7.0	42.5	41.2	40.7	40.8	40.8	33.1	28.8	23.8	19.7	15.8			
8.0	36.6	35.4	35.4	35.5	35.8	31.2	28.5	23.6	19.7	15.8	12.9		
9.0	24.9	24.0	31.2	31.4	31.6	29.5	28.5	22.0	19.7	15.8	12.9	10.2	
10.0			26.5	26.7	27.1	28.0	27.2	20.6	18.5	15.8	12.9	10.2	8.9
11.0			22.6	23.5	24.7	24.8	24.1	19.3	17.4	15.6	12.9	10.2	8.9
12.0			20.1	21.8	21.9	21.6	21.2	18.1	16.4	14.8	12.9	10.2	8.9
14.0				17.2	17.2	17.0	16.6	16.2	14.6	13.3	12.2	10.2	8.9
16.0				14.0	14.0	13.8	13.4	13.8	13.0	12.0	11.1	10.2	8.9
18.0					11.7	11.5	11.1	11.5	11.2	10.8	10.1	9.3	8.7
20.0					9.6	9.7	9.3	9.7	9.9	9.0	9.2	8.6	8.0
22.0						8.3	8.4	8.3	8.5	8.3	8.4	7.9	7.4
24.0							7.8	7.1	7.5	7.4	7.3	7.0	6.9
26.0							6.9	6.3	6.7	6.5	6.3	6.0	6.0
28.0								5.9	5.9	5.7	5.5	5.2	5.2
30.0								5.3	5.2	5.0	4.8	4.5	4.5
32.0									4.7	4.4	4.2	3.9	3.9
34.0									4.2	3.9	3.7	3.4	3.4
36.0										3.5	3.3	3.0	3.0
38.0										3.1	2.9	2.6	2.6
40.0											2.6	2.2	2.2
42.0											2.3	1.9	1.9
44.0												1.7	1.6
46.0													1.4
48.0													1.2

* *Nach hinten / * Over rear*

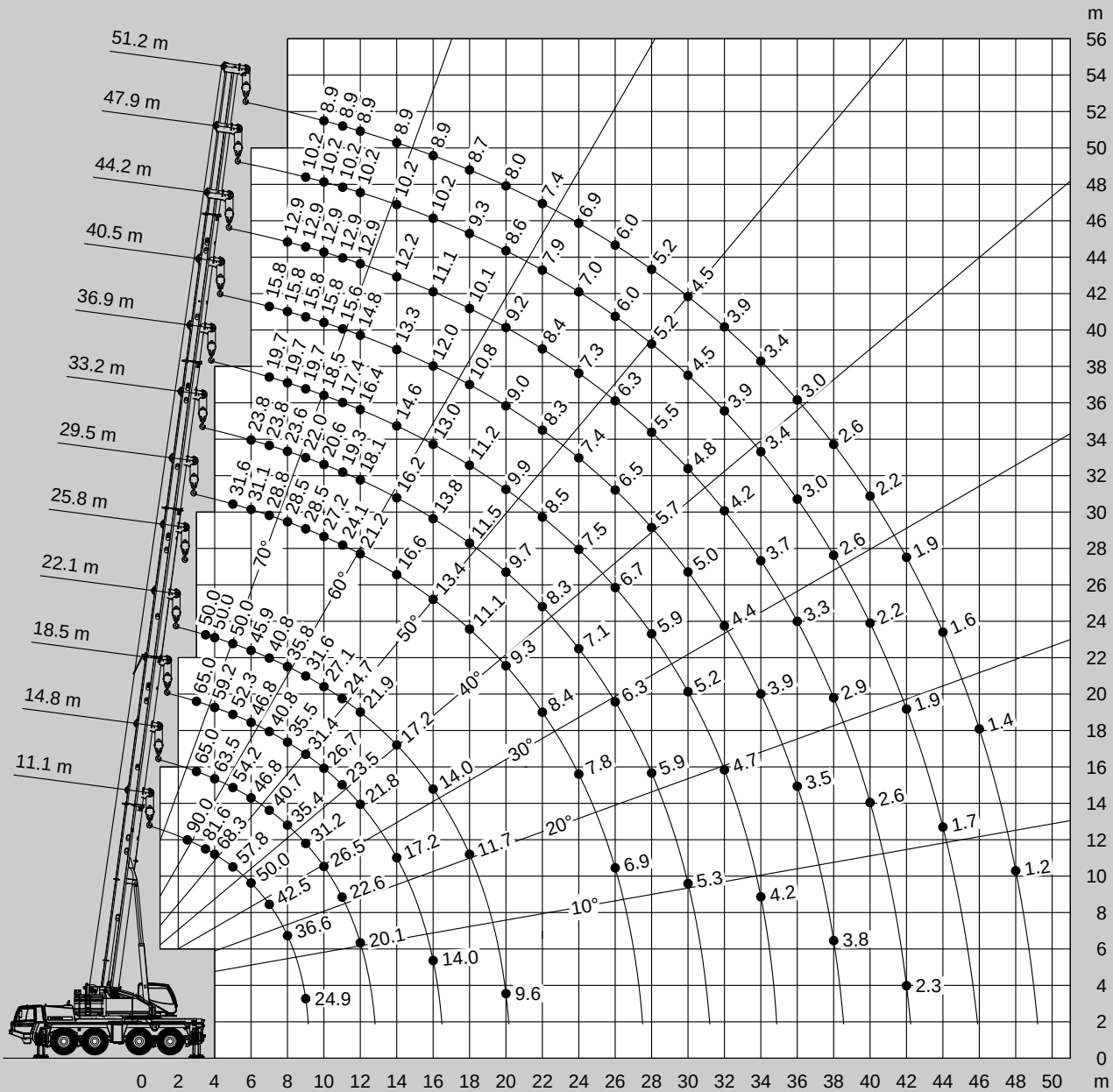
Änderungen vorbehalten / Subject to change without prior notice

Courtesy of Crane.Market

Hubhöhen
Lifting heights

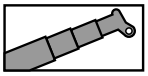
360° 22t

DIN / ISO / EN



Courtesy of Crane.Market

Tragfähigkeiten
Lifting capacities



6.5t

DIN / ISO / EN

m	11.1 m*	11.1 m	14.8 m	18.5 m	22.1 m	25.8 m	29.5 m	33.2 m	36.9 m	40.5 m	44.2 m	47.9 m	51.2 m
2.5	90.0												
3.0	80.4	75.6	65.0	65.0									
3.5	72.7	68.5	65.0	63.2	50.0								
4.0	66.2	62.4	62.0	59.2	50.0	41.3							
4.5	60.3	57.2	56.7	55.6	50.0	40.9							
5.0	53.8	52.0	51.4	50.0	46.6	39.2	31.6						
6.0	44.1	43.5	40.5	37.8	35.7	34.2	31.1	23.8					
7.0	33.0	32.6	31.5	30.0	31.1	29.2	27.2	23.8	19.7	15.8			
8.0	25.4	25.1	25.1	27.1	26.0	24.5	22.9	21.3	19.7	15.8	12.9		
9.0	20.5	20.1	21.3	21.9	22.0	20.9	19.6	19.3	17.4	15.8	12.9	10.2	
10.0			17.7	18.3	18.3	18.1	16.9	16.8	16.1	14.6	12.9	10.2	8.9
11.0			14.9	15.5	15.6	15.3	14.8	14.7	14.5	12.9	12.6	10.2	8.9
12.0			12.7	13.2	13.8	13.6	13.9	13.0	12.8	12.5	11.2	10.2	8.9
14.0				10.0	10.5	10.6	10.7	10.6	10.5	10.1	9.6	9.0	8.7
16.0				7.8	8.3	8.3	8.5	8.3	8.3	8.0	7.8	7.3	7.1
18.0					6.7	6.7	6.9	6.7	6.6	6.4	6.2	5.9	5.9
20.0					5.5	5.5	5.6	5.5	5.4	5.2	5.0	4.7	4.7
22.0						4.6	4.7	4.6	4.5	4.2	4.1	3.7	3.7
24.0							3.9	3.8	3.7	3.4	3.3	3.0	3.0
26.0							3.3	3.2	3.1	2.8	2.7	2.4	2.3
28.0								2.7	2.6	2.3	2.2	1.8	1.8
30.0								2.2	2.1	1.9	1.7	1.4	1.4
32.0									1.8	1.5	1.3	1.0	1.0
34.0									1.4	1.2	1.0	0.7	0.7
36.0										0.9	0.7		
										0.7	0.5		

* *Nach hinten / * Over rear*

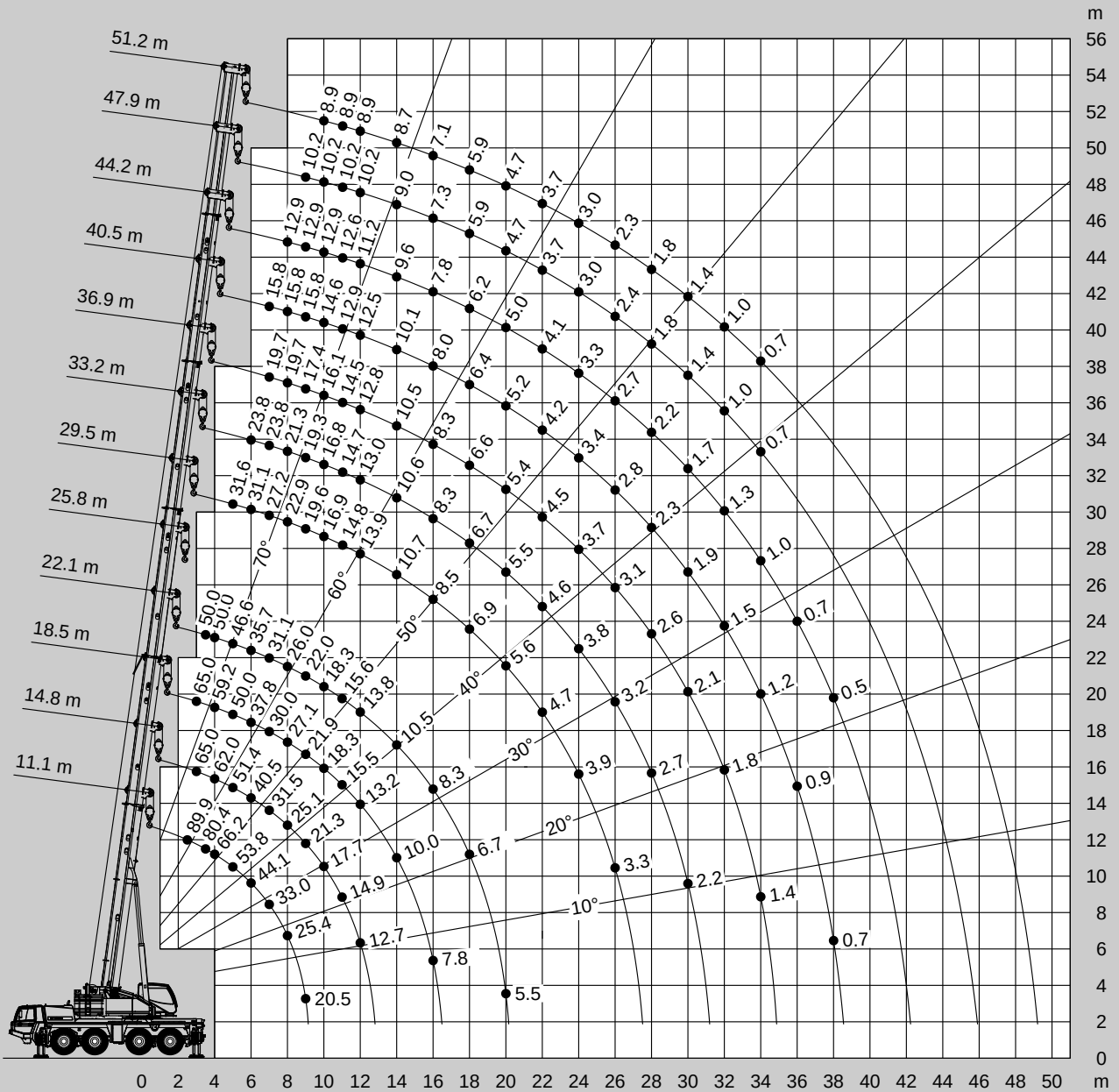
Änderungen vorbehalten / Subject to change without prior notice

Courtesy of Crane.Market

Hubhöhen
Lifting heights

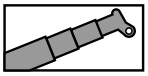
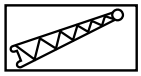
360° 6.5t

DIN / ISO / EN



Courtesy of Crane.Market

Tragfähigkeiten
Lifting capacities

22t

DIN / ISO / EN

m	11.1 m + 10.0 m			33.2 m + 10.0 m			47.9 m + 10.0 m			51.2 m + 10.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	12.2											
3.5	12.2											
4.0	12.2											
4.5	12.2											
5.0	12.2	12.2										
6.0	12.2	11.5										
7.0	12.2	10.8		10.1								
8.0	12.2	10.2	7.4	10.1								
9.0	12.1	9.6	7.1	10.1								
10.0	11.3	9.0	6.7	10.1	8.9							
11.0	10.4	8.5	6.4	10.1	8.6		4.9					
12.0	9.6	8.0	6.2	9.9	8.3		4.9			4.4		
14.0	8.1	7.1	5.8	9.1	7.7	6.7	4.9			4.4		
16.0	7.0	6.5		8.5	7.1	6.3	4.9	4.9		4.4	4.4	
18.0				7.9	6.7	6.0	4.9	4.8	4.5	4.4	4.4	
20.0				7.4	6.3	5.7	4.9	4.5	4.3	4.4	4.2	4.0
22.0				6.9	6.0	5.5	4.8	4.3	4.1	4.4	4.0	3.8
24.0				6.5	5.7	5.2	4.5	4.1	3.9	4.2	3.9	3.7
26.0				5.7	5.5	5.1	4.3	4.0	3.8	3.9	3.7	3.5
28.0				4.9	5.2	4.9	4.0	3.8	3.6	3.7	3.6	3.4
30.0				4.2	4.5	4.7	3.8	3.7	3.5	3.5	3.4	3.3
32.0				3.6	3.9	4.0	3.6	3.5	3.4	3.4	3.3	3.2
34.0				3.1	3.3		3.3	3.4	3.3	3.2	3.1	3.1
36.0				2.7	2.9		2.8	3.1	3.2	2.8	3.0	3.0
38.0				2.3	2.4		2.4	2.6	2.8	2.4	2.6	2.8
40.0				2.0			2.1	2.3	2.4	2.0	2.2	2.4
42.0							1.8	1.9	2.0	1.7	1.9	2.0
44.0							1.5	1.6	1.7	1.4	1.6	1.7
46.0							1.2	1.3		1.1	1.3	1.4
48.0							1.0	1.1		0.9	1.1	
50.0							0.8	0.9		0.7	0.8	
52.0							0.6	0.6		0.5	0.6	

%				
I	0	92	92	100
II	0	46	92	100
III	0	46	92	100
IV	0	46	92	100
V	0	46	92	100

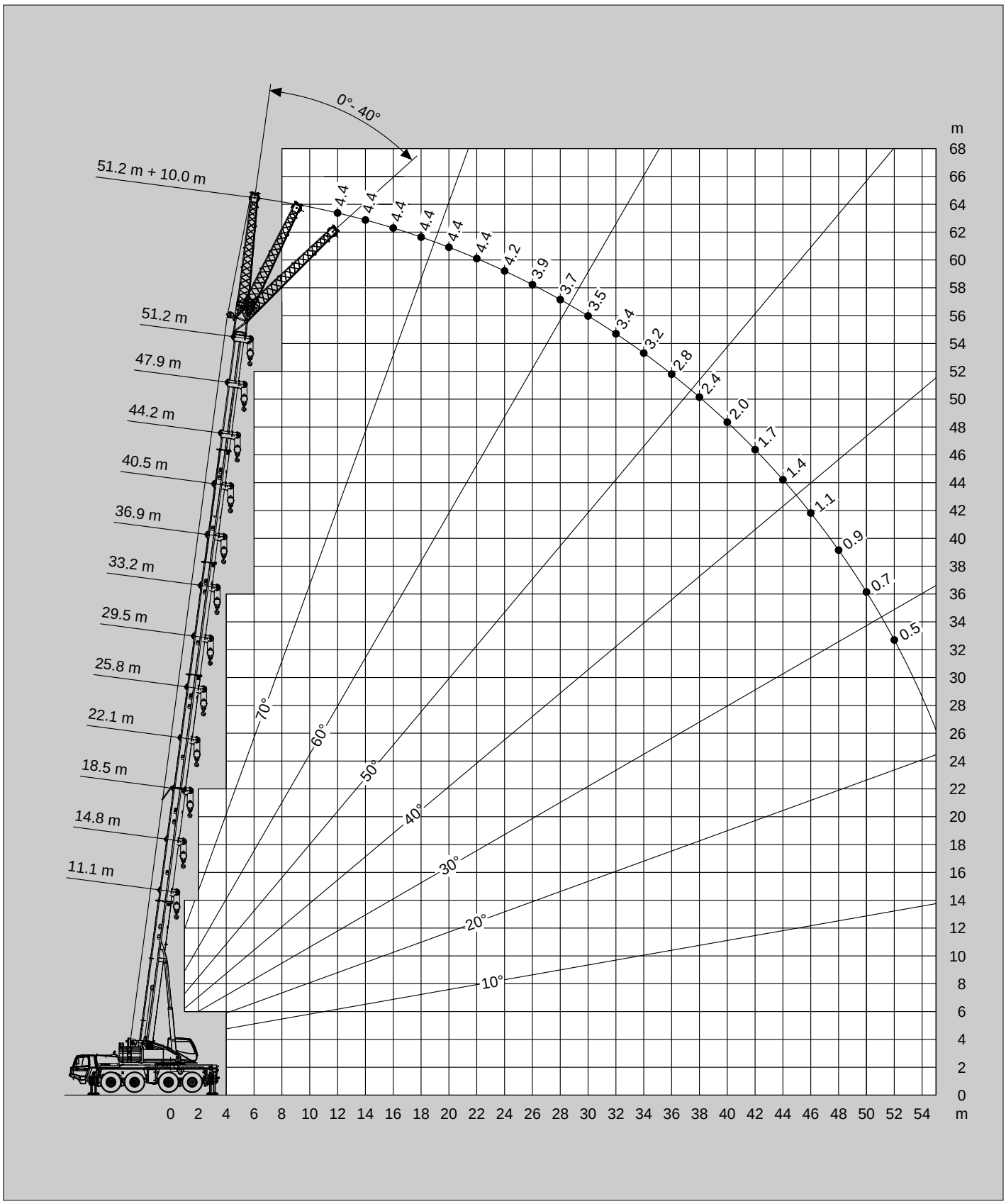
Änderungen vorbehalten / Subject to change without prior notice

Courtesy of Crane.Market

Hubhöhen
Lifting heights

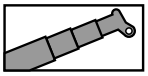
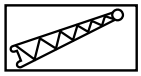
360° 22t

DIN / ISO / EN



Courtesy of Crane.Market

Tragfähigkeiten
Lifting capacities

22t

DIN / ISO / EN

m	11.1 m + 18.0 m			33.2 m + 18.0 m			47.9 m + 18.0 m			51.2 m + 18.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0												
3.5	5.8											
4.0	5.8											
4.5	5.8											
5.0	5.8											
6.0	5.8											
7.0	5.8											
8.0	5.8			4.2								
9.0	5.8			4.2								
10.0	5.8	5.3		4.2								
11.0	5.8	5.0		4.2								
12.0	5.7	4.8		4.2			2.9					
14.0	5.2	4.4		4.2			2.9			2.7		
16.0	4.7	4.1	3.2	4.2	4.2		2.9			2.7		
18.0	4.2	3.7	3.0	4.2	4.1		2.9			2.7		
20.0	3.7	3.4	2.8	4.2	3.9	3.2	2.9	2.9		2.7		
22.0	3.3	3.1	2.6	4.2	3.8	3.1	2.9	2.9		2.7	2.7	
24.0	3.0	2.9	2.5	4.2	3.6	3.0	2.9	2.9		2.7	2.7	
26.0	2.7	2.8		4.2	3.5	2.9	2.9	2.9	2.8	2.7	2.7	2.6
28.0				4.1	3.4	2.8	2.9	2.8	2.6	2.7	2.7	2.5
30.0				3.9	3.3	2.7	2.9	2.7	2.6	2.7	2.6	2.4
32.0				3.8	3.2	2.6	2.9	2.6	2.5	2.7	2.5	2.3
34.0				3.6	3.1	2.6	2.8	2.5	2.4	2.6	2.4	2.3
36.0				3.2	3.0	2.5	2.7	2.4	2.3	2.5	2.3	2.2
38.0				2.8	2.9	2.5	2.6	2.4	2.2	2.4	2.2	2.1
40.0				2.4	2.7	2.5	2.3	2.3	2.2	2.2	2.2	2.0
42.0				2.1	2.4		2.0	2.2	2.1	1.9	2.1	1.9
44.0				1.8	2.0		1.7	2.0	2.1	1.6	2.0	1.9
46.0				1.6	1.7		1.4	1.8	2.0	1.4	1.7	1.6
48.0				1.4			1.2	1.5	1.7	1.1	1.4	1.4
50.0							1.0	1.2	1.4	0.9	1.2	1.1
52.0							0.8	1.0	1.1	0.7	1.0	0.9
54.0							0.6	0.8		0.5	0.7	
56.0								0.6			0.6	

%				
I	0	92	92	100
II	0	46	92	100
III	0	46	92	100
IV	0	46	92	100
V	0	46	92	100

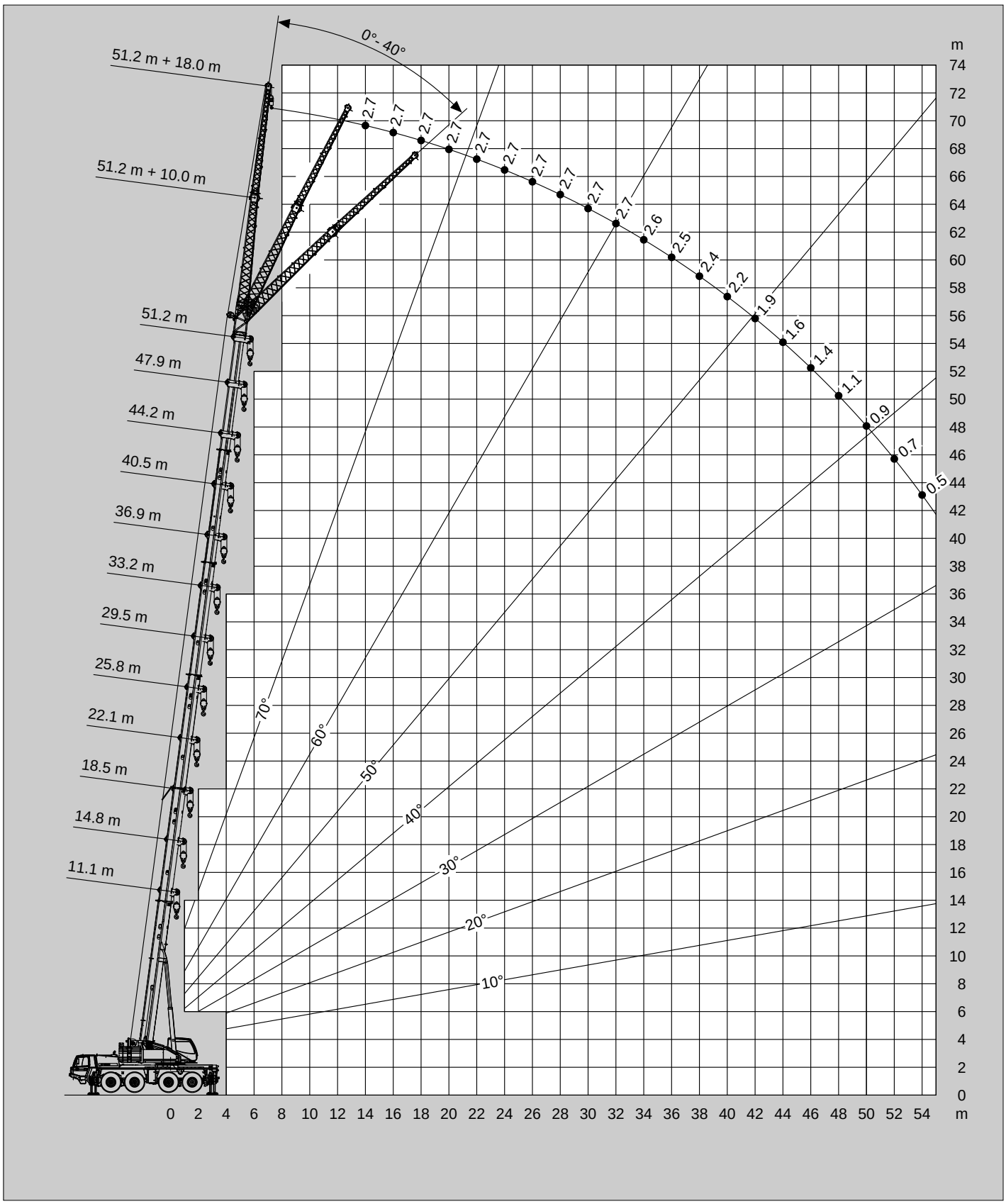
Änderungen vorbehalten / Subject to change without prior notice

Courtesy of Crane.Market

Hubhöhen
Lifting heights

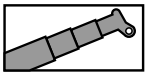
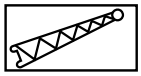
360° 22t

DIN / ISO / EN



Courtesy of Crane.Market

Tragfähigkeiten
Lifting capacities

6.5t

DIN / ISO / EN

m	11.1 m + 10.0 m			33.2 m + 10.0 m			47.9 m + 10.0 m			51.2 m + 10.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	12.2											
3.5	12.2											
4.0	12.2											
4.5	12.2											
5.0	12.2	12.2										
6.0	12.2	11.5										
7.0	12.2	10.8		10.1								
8.0	12.2	10.2	7.4	10.1								
9.0	12.1	9.6	7.1	10.1								
10.0	11.3	9.0	6.7	10.1	8.9							
11.0	10.4	8.5	6.4	10.1	8.6		4.9					
12.0	9.6	8.0	6.2	9.9	8.3		4.9			4.4		
14.0	8.1	7.1	5.8	9.0	7.7	6.7	4.9			4.4		
16.0	7.0	6.5		7.1	7.1	6.3	4.9	4.9		4.4	4.4	
18.0				5.5	6.2	6.0	4.9	4.8	4.5	4.4	4.4	
20.0				4.3	4.9	5.4	4.6	4.5	4.3	4.4	4.2	4.0
22.0				3.4	3.9	4.3	3.6	4.2	4.1	3.6	4.0	3.8
24.0				2.7	3.1	3.4	2.8	3.3	3.7	2.8	3.3	3.7
26.0				2.0	2.4	2.7	2.2	2.7	3.0	2.2	2.6	3.0
28.0				1.5	1.9	2.1	1.7	2.1	2.4	1.6	2.0	2.4
30.0				1.1	1.4	1.6	1.3	1.6	1.9	1.2	1.6	1.8
32.0				0.7	1.0	1.1	0.9	1.2	1.4	0.8	1.1	1.4
34.0					0.6		0.5	0.8	1.0		0.8	1.0
36.0								0.5	0.7			0.7

%												
	I	0			92			92			100	
	II	0			46			92			100	
	III	0			46			92			100	
	IV	0			46			92			100	
	V	0			46			92			100	

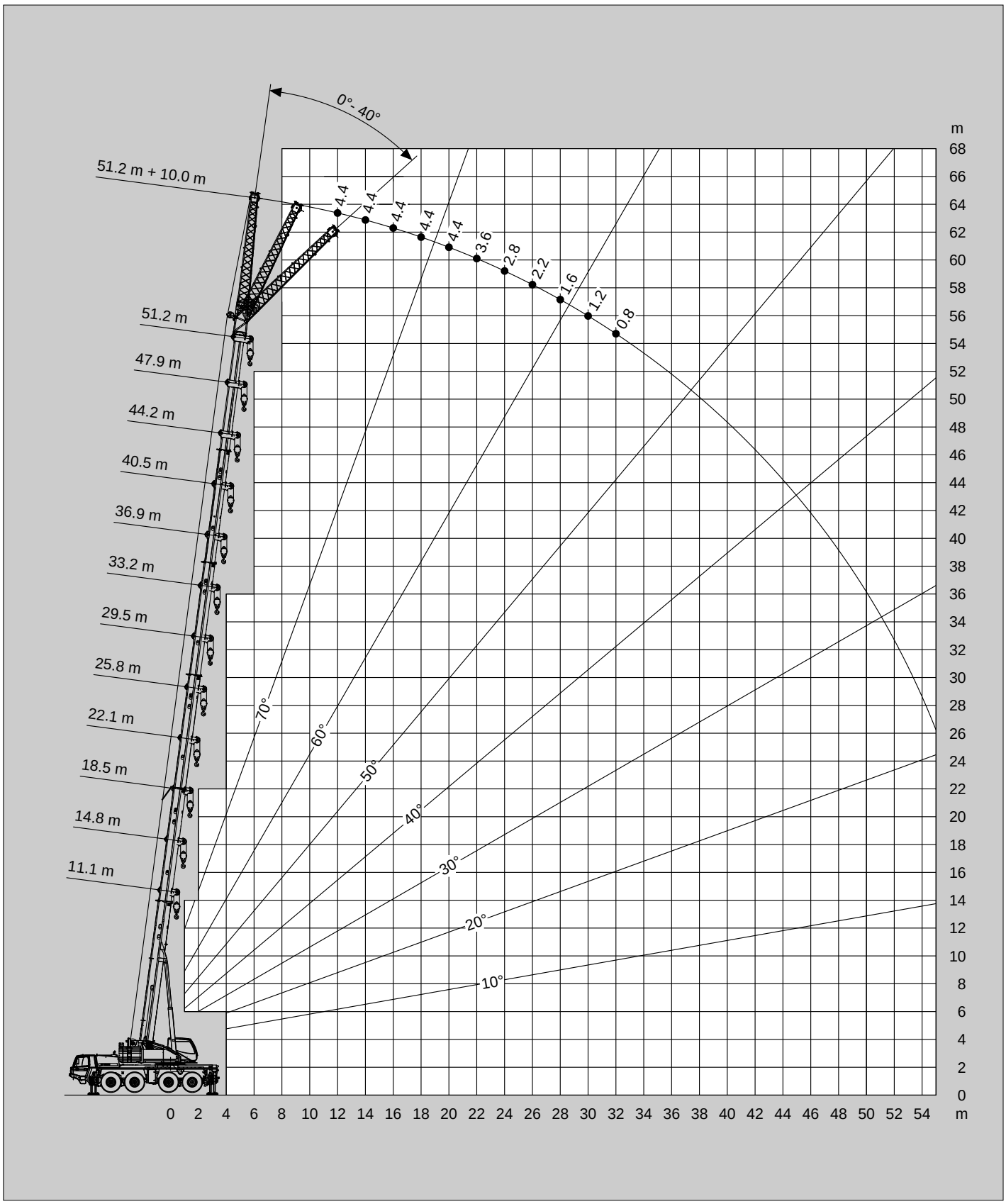
Änderungen vorbehalten / Subject to change without prior notice

Courtesy of Crane.Market

Hubhöhen
Lifting heights

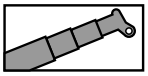
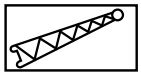
360° 6.5t

DIN / ISO / EN



Courtesy of Crane.Market

Tragfähigkeiten
Lifting capacities

6.5t

DIN / ISO / EN

m	11.1 m + 18.0 m			33.2 m + 18.0 m			47.9 m + 18.0 m			51.2 m + 18.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0												
3.5	5.8											
4.0	5.8											
4.5	5.8											
5.0	5.8											
6.0	5.8											
7.0	5.8											
8.0	5.8			4.2								
9.0	5.8			4.2								
10.0	5.8	5.3		4.2								
11.0	5.8	5.0		4.2								
12.0	5.7	4.8		4.2			2.9					
14.0	5.2	4.4		4.2			2.9			2.7		
16.0	4.7	4.1	3.2	4.2	4.2		2.9			2.7		
18.0	4.2	3.7	3.0	4.2	4.1		2.9			2.7		
20.0	3.7	3.4	2.8	4.2	3.9	3.2	2.9	2.9		2.7		
22.0	3.3	3.1	2.6	4.0	3.8	3.1	2.9	2.9		2.7	2.7	
24.0	3.0	2.9	2.5	3.3	3.6	3.0	2.9	2.9		2.7	2.7	
26.0	2.7	2.8		2.6	3.4	2.9	2.5	2.9	2.8	2.4	2.7	2.6
28.0				2.1	2.7	2.8	2.0	2.7	2.6	1.9	2.6	2.5
30.0				1.6	2.2	2.7	1.5	2.2	2.6	1.4	2.1	2.4
32.0				1.3	1.8	2.2	1.1	1.7	2.2	1.1	1.7	2.2
34.0				0.9	1.4	1.7	0.8	1.3	1.8		1.3	1.7
36.0				0.6	1.0	1.3		1.0	1.4		1.0	1.4
38.0					0.7	1.0		0.7	1.1			1.0
40.0						0.6			0.8			

%				
I	0	92	92	100
II	0	46	92	100
III	0	46	92	100
IV	0	46	92	100
V	0	46	92	100

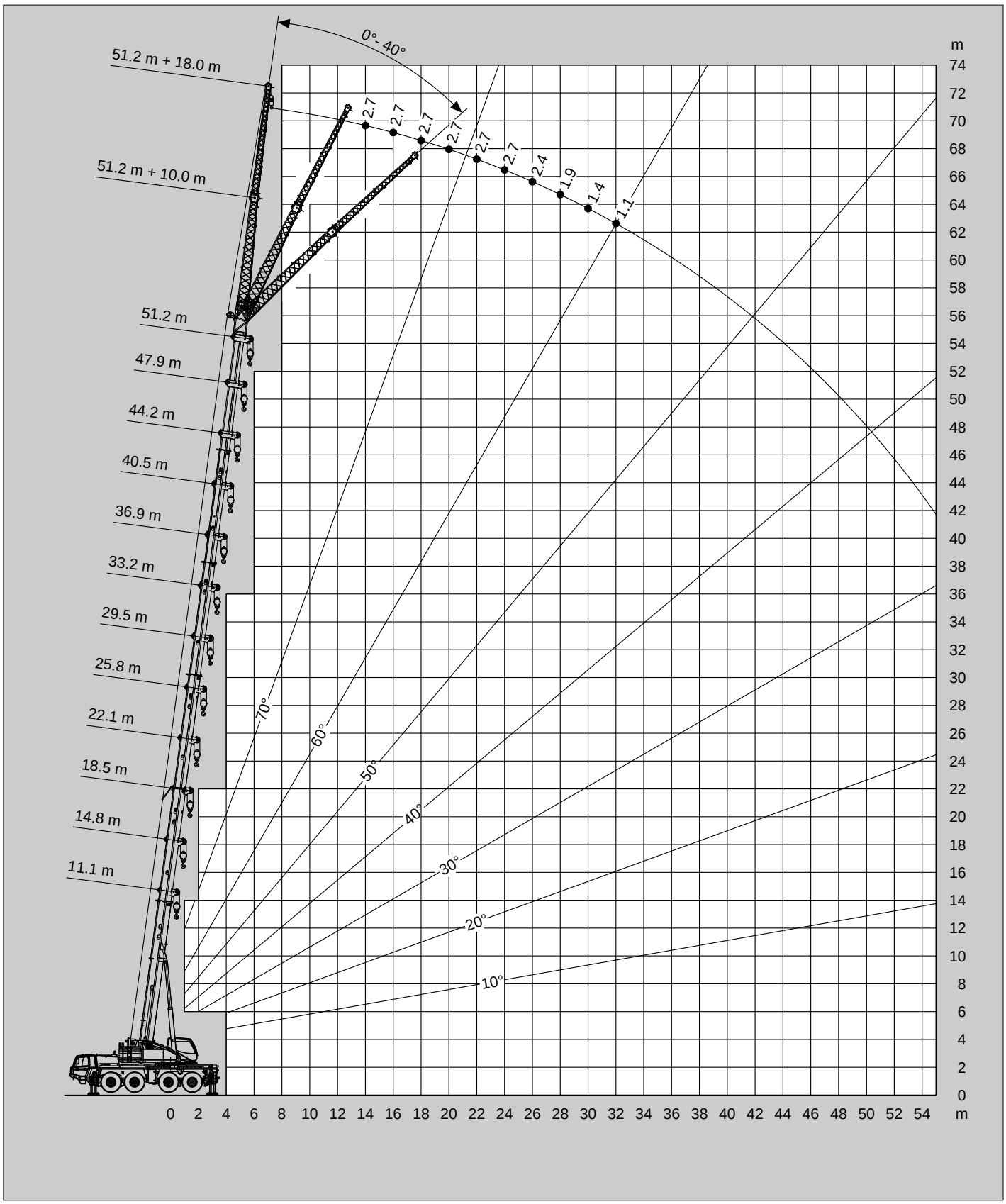
Änderungen vorbehalten / Subject to change without prior notice

Courtesy of Crane.Market

Hubhöhen
Lifting heights

360° 6.5t

DIN / ISO / EN



Courtesy of Crane.Market

Anmerkungen zu den Traglasttabellen

Die Tragfähigkeiten im Festigkeitsbereich basieren auf DIN 15018 Blatt 2 und Blatt 3 und F.E.M.

Die Tragfähigkeiten im Standsicherheitsbereich entsprechen DIN 15019 Teil 2 / ISO 4305 / EN 13000.

Die zulässige Windgeschwindigkeit beträgt maximal 10 m/sec.

Die Tragfähigkeiten sind in metrischen Tonnen angegeben.

Das Gewicht des Lasthakens bzw. der Hakenflasche und weiterer Anschlagmittel ist von der Tragfähigkeit abzuziehen.

Die Tragfähigkeiten für den Teleskopausleger gelten nur bei demontierter Spitze.

Die Ausladung ist der horizontale Abstand von Mitte Drehkranz bis Mitte freihängender, nicht schwingender Last.

Tragfähigkeitsänderungen vorbehalten.

Obige Angaben dienen nur zur Information.
Die Bedienungsanleitungen müssen zu Rate gezogen werden, bevor die Maschine in Betrieb genommen wird. Alle hier gemachten Angaben beziehen sich auf die Standard-Ausführung. Jegliche Ausrüstungsveränderungen können die angegebenen Werte beeinflussen.

Remarks relating to the rating charts

The lifting capacities in the structural area are based on DIN 15018 parts 2 and 3 and F.E.M.

The lifting capacities in the stability area are based on DIN 15019 part 2 / ISO 4305 / EN 13000.

The maximum permissible wind speed for crane operation is 10 m/sec.

The lifting capacities shown are in metric tons.

The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.

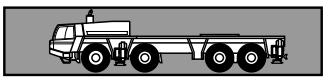
The lifting capacities for the telescopic boom apply to a crane with no boom extensions being stowed or mounted on the crane.

The working radius is the horizontal distance from the centre of rotation to the centre of the freely suspended non-oscillating load.

The lifting capacities are subject to change without prior notice.

The above remarks are for basic information only and the operator's manual must be consulted before operating this crane. All data and performances refer to the standard crane. The addition of optional and other equipment may affect the performance of the crane.

Courtesy of Crane.Market



Rahmen Verwindungs- und biegesteife Schweißkonstruktion aus hochfestem Feinkornstahl.

Abstützung 4-Punkt-Abstützung, hydraulisch, Bedienungsmöglichkeiten an beiden Seiten des Fahrgestelles und in der Oberwagenkabine.
Abstützbasis 7,2 m (und 5,0 m) x 8,5 m.

Motor Mercedes-Benz 6-Zylinder-Dieselmotor OM 501 LA (Euromot III A / EPA III), wassergekühlt,
Leistung 315 kW (428 PS) bei 1800 min^{-1}.
Drehmoment 2000 Nm bei 1300 min^{-1}. Motorleistung nach 80 / 1269 / EWG. Kraftstoffbehälter 400 l.

Getriebe ZF-AS-Tronic 12 AS 2302 mechanisches Schaltgetriebe mit elektronisch-pneumatisch betätigter Trockenkupplung und vollautomatischer Schaltung mit 12 Vorwärts- und 2 Rückwärtsgängen.
Power / Economy Modus

Verteilergetriebe 2-stufiges Verteilergetriebe.

Antrieb 8 x 6 (8 x 8 Option).

Achsen
1. Achse: gelenkt, nicht angetrieben.
2. Achse: gelenkt, angetrieben, Differentialsperre quer.
3. Achse: gelenkt, angetrieben, Differentialsperre längs und quer.
4. Achse: gelenkt, angetrieben, Differentialsperre quer.

Achsaufhängung Hydropneumatische Federung mit Niveauregulierung.

Bremsen Druckluft-Zweikreis-Bremsanlage mit ABS System. Feststellbremse als Federspeicherbremse an der 2., 3. und 4. Achse wirkend. Intarder und Dauerbremse als Konstantdrosselanlage mit Auspuffklappenbremse.

Räder 8-fach 16.00 R 25 (445/95 R 25), Breite 2,75 m.

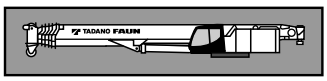
Lenkung ZF-Servocom-Zweikreishydrolenkung. Mechanische Lenkung der 1. und 2. Achse und Mitlenken der 4. Achse bis zu einer Geschwindigkeit von 25 km/h, hydraulisch unterstützt, mit Notlenkpumpe. Lenkung aller Achsen möglich. Hydrostatische Lenkung aller Achsen aus der Oberwagenkabine.

Unterwagenkabine Zwei-Mann-Frontfahrerhaus in Stahl-Kunststoff-Verbund-Konstruktion, Sicherheitsverglasung, luftgefederte Sitze und motorabhängige Warmwasserheizung, Kontroll- und Bedienungselemente für den Fahrbetrieb, Tempomat- / Bremsomat-Funktion.

Elektrische Anlage 24 Volt-Gleichstrom, 2 Batterien, Abstützbeleuchtung.
Die elektrische Anlage entspricht der EG-Norm.

Zusatzausrüstung (gegen Mehrpreis)
Anhängekupplung, motorunabhängige Zusatzheizung mit Motorvorwärmung, Klimaanlage, 8 x 8 Antrieb, 20.5 R 25 (525/80 R 25) Bereifung, Reserverad, Sonderlackierung und Beschriftung.

Weitere Zusatzausrüstung auf Anfrage.



Rahmen Verwindungssteife Schweißkonstruktion mit einer außenverzahnten, einreihigen Kugeldrehverbindung, um 360° unbegrenzt drehbar.

Motor Mercedes-Benz 4-Zylinder-Dieselmotor OM 904 LA (Euromot III A / EPA III), wassergekühlt. Drehzahl ist über Fußpedal stufenlos regelbar, Leistung 128 kW (174 PS) bei 2000 min^{-1}. Drehmoment 675 Nm bei 1200 - 1600 min^{-1}.
Motorleistung nach DIN 6270B / DIN 6271.
Kraftstoffbehälter 220 l.

Hydraulik System Diesel-hydraulisch mit 3-Kreishydraulik, 1 leistungsgeregelte Axialkolbendoppelpumpe (hydraulisch verstellbar), 1 Axialkolbenpumpe und 2 Zahnradpumpen.

Steuerung Zwei 4-fach Kreuzsteuerhebel mit elektrischer Vorsteuerung.

Teleskopausleger Sechsteiliger Teleskopausleger aus hochfestem Feinkornstahl, bestehend aus einem Grundausleger und 5 Teleskopteilen, 1 Teleskopzylinder, hydraulisch unter Teillast teleskopierbar. 11,1 m - 51,2 m lang.

Wippwerk Ein Differentialzylinder mit angebautem Senkbremssperrventil.

Hubwerk Axialkolben-Motor, Hubwerkstrommel mit eingebautem Planetengetriebe und federbelasteter Hydro-Lamellenbremse mit integriertem Freilauf beim Heben. Hubseil mit 'Super-Stop' Einrichtung.

Drehwerk Axialkolben-Motor, zweistufiges Planetengetriebe mit fußbetätigter Betriebsbremse und Feststellung. Drehgeschwindigkeit stufenlos von 0 - 2 min^{-1}.

Gegengewicht Standard 6,5 t teilbar.
Die Bedienung erfolgt aus der Oberwagenkabine.

Oberwagenkabine Großräumige Krankabine in Stahl-Kunststoffausführung mit Sicherheitsverglasung mit getönten Scheiben, kippbarem Arbeitsplatz mit verstellbarem, gefedertem, gedämpftem Fahrersitz, motorunabhängige Warmwasserheizung, Kontroll- und Bedienungselemente für Kranbetrieb, Verfahrbarkeit vom Oberwagen und Abstützbetätigung

Elektrische Anlage 24 Volt-Gleichstrom, 2 Batterien.

Sicherheitseinrichtungen Lastmomentbegrenzung (LMB), Arbeitsbereichsbegrenzung (für Auslegerwinkel, Ausladung und Kopfhöhe), Hubendschalter, Windenendschalter, Seilwindendrehmelder, Sicherheitsventile gegen Rohr- und Schlauchbrüche. Sperrventile an Hydraulik-Zylindern.

Zusatzausrüstung (gegen Mehrpreis)
'Lift Adjuster', Auslegerverlängerung 10,0 m / 18,0 m, wahlweise abwinkelbar 0°, 20° und 40° oder hydraulisch 0°- 40°, Schwerlastspitze 1,6 m, Zusatzgegengewicht 15,8 t, Gegengewichtsvarianten 0 t / 5,2 t / 10,3 t / 16,4 t / 22,3 t, verschiedene Unterflaschen, 2. Hubwerk, Drehbereichsbegrenzung, motorunabhängige Heizung mit Motorvorwärmung, Klimaanlage, Sonderlackierung und Beschriftung.

Weitere Zusatzausrüstung auf Anfrage.

Änderungen vorbehalten

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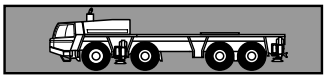


Frame Torsion resistant, welded construction made from high strength, fine-grained steel. Central lubricating system.

Outriggers 4 point, double telescopic hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 7.2 m (5.0 m mid extension) x 8.5 m.

Carrier engine Mercedes-Benz 6 cylinder model OM 501 LA (Euromot III A / EPA III), water-cooled diesel engine. Rated at 315 kW (428 HP) at 1800 min^{-1}.
Torque 2000 Nm at 1300 min^{-1}.
Engine rating according to 80 / 1269 / EWG. Fuel tank 400 l.

Transmission ZF-AS-Tronic 12 AS 2302 mechanical transmission with electro-pneumatically operated dry-type clutch and automatic gear shifting with 12 forward gears and 2 reverse gears. Power / Economy mode.

Transfer Case Two stage.

Drive 8 x 6 (8 x 8 option)

Axles
1st axle: steered, not driven.
2nd axle: steered, driven, with transverse differential lock.
3rd axle: steered, driven, with transverse and longitudinal differential lock.
4th axle: steered, driven, with transverse differential lock.

Suspension Hydro-pneumatic with levelling adjustment.

Brake system Service brakes: dual circuit compressed air system. Parking brake: spring loaded type acting on 2nd, 3rd and 4th axles. Auxiliary brakes: intarder, engine exhaust brake and constant throttle engine brake system.

Tyres (8) 16.00 R 25 (445/95 R 25).

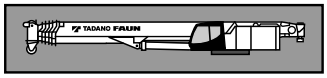
Steering system ZF-Servocom, dual circuit hydraulic steering with emergency steering pump, mechanical hydraulically-assisted steering of front two axles and automatic steering of the 4th axle up to a travel speed of 25 km/h. Steering of all axles possible. All axles steered hydrostatically from superstructure cab.

Carrier cab Two man full width cab of composite (steel sheet metal and fibre-glass) structure, with safety glass, air-cushioned adjustable seats, engine dependent hot-water heater. Complete controls and instrumentation for road travel. Speed and brake control.

Electrical system 24 volt DC system, 2 batteries, outrigger lighting.
Electrical system conforms with EEC regulations.

Optional Equipment (at extra charge)
Towing attachment, engine independent additional heater with engine pre-heat, air conditioning, 8 x 8 drive, 20.5 R 25 (525/80 R 25) tyres, spare wheel and tyre, special painting and lettering.

Further optional equipment available upon request.



Frame Torsion-resistant, all-welded structure of high strength steel. Connected to carrier by single-row ball-bearing slewing ring with external gearing for 360° continuous rotation. Central lubricating system.

Superstructure engine Mercedes-Benz 4 cylinder model OM 904 LA (Euromot III A / EPA III), water cooled, diesel engine. RPM infinitely variable via foot pedal, rating 128 kW (174 HP) at 2000 min^{-1}. Torque 675 Nm at 1200 - 1600 min^{-1}. Engine rating according to DIN 6270B / DIN 6271. Fuel tank 220 l.

Hydraulic system Three circuit diesel hydraulic system with 1 power controlled double axial piston pump (hydraulically adjustable), 1 axial piston pump and 2 gear pumps.

Controls Electrical, 2 joy-stick levers for simultaneous operation of crane motions.

Telescopic boom 6 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 5 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable under partial load.
11.1 m to 51.2 m long.

Derricking system 1 double acting hydraulic cylinder with integral brake and holding valve.

Main winch Axial piston motor, winch drum with integrated planetary reduction and with hydraulically controlled spring-loaded, multiple disc brake and with integrated free rotation (no sagging of load when hoisting).
Hoist cable with 'Super-Stop' easy reeving system.

Slewing system Axial piston motor with two-stage planetary reduction with a foot actuated service and a parking brake. Speed infinitely variable 0 - 2 min^{-1}.

Counterweight Standard 6.5 t divisible, assembled and disassembled by hydraulic cylinders controlled from superstructure cab.

Superstructure cab Spacious panoramic cab of composite structure with safety (tinted) glass windows, tiltable cockpit with hydraulically cushioned adjustable seat, engine independent hot-water heater. Complete controls and instrumentation for crane operation, on-site travelling and outriggers.

Electrical system 24 volt DC system, 2 batteries.

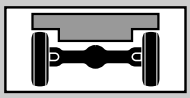
Safety devices Load moment device (LMD), working area limiter (elevation angle, working radius, boom hight) hoist limit switch, lower limit switch and drum turn indicator, safety valves against pipe and hose rupture, holding valves on hydraulic cylinders.

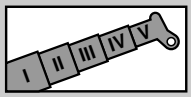
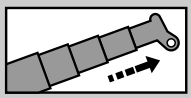
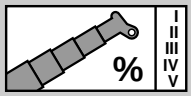
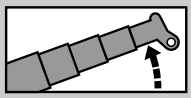
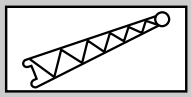
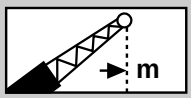
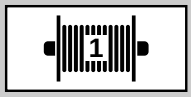
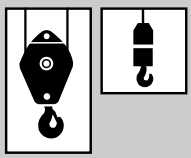
Optional Equipment (at extra charge)
'Lift Adjuster', Boom extension 10.0 m / 18.0 m, offsets 0°, 20° and 40° or hydraulically 0° - 40°, heavy duty jib 1.6 m, additional counterweight 15.8 t, counterweight variations 0 t / 5.2 t / 10.3 t / 16.4 t / 22.3 t, selection of hook blocks, auxiliary winch, slewing area limitation, engine independent heater with engine pre-heat, air conditioning, special painting and lettering.

Further optional equipment available upon request.

Courtesy of Crane.Market

Symbolerklärung
Symbols

DIN/ISO/EN	Siehe Seite 16 As on Page 16
	Abstützung Outriggers
	Getriebe / Gang Transmission / Gear
	Achslast Axle load
14.00 (385/95)	Räder / Größe Tyres / Size
	Gelände Off road
	Straße On road
V+	Geschwindigkeiten Speeds
	Steigfähigkeit Gradeability
360°	Drehwerk Slewing system
22t	Gegengewicht Counterweight

 I II III IV V	Teleskopausleger Telescopic boom
	Teleskopieren Boom telescoping
 % I II III IV V	Teleskopieren in % Boom telescoping in %
	Wippwerk Derricking system
m	Ausladung Radius
	Auslegerverlängerung Boom extension
 m	Ausladung Radius
 1	Hubwerk Main winch
2	2. Hubwerk Auxiliary winch
	Unterflasche / Hakengeschirr Hook block / Swivel hook

Courtesy of Crane.Market