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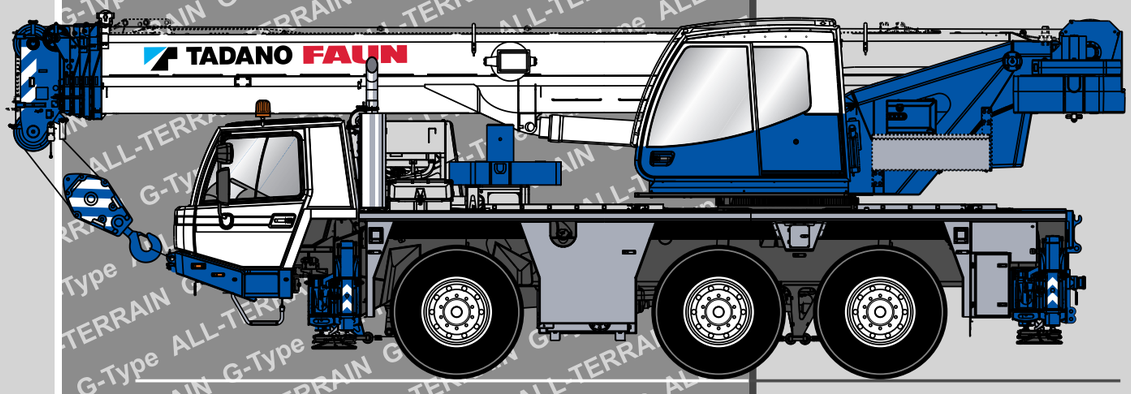
TADANO FAUN

ALL-TERRAIN
ATF 50G-3

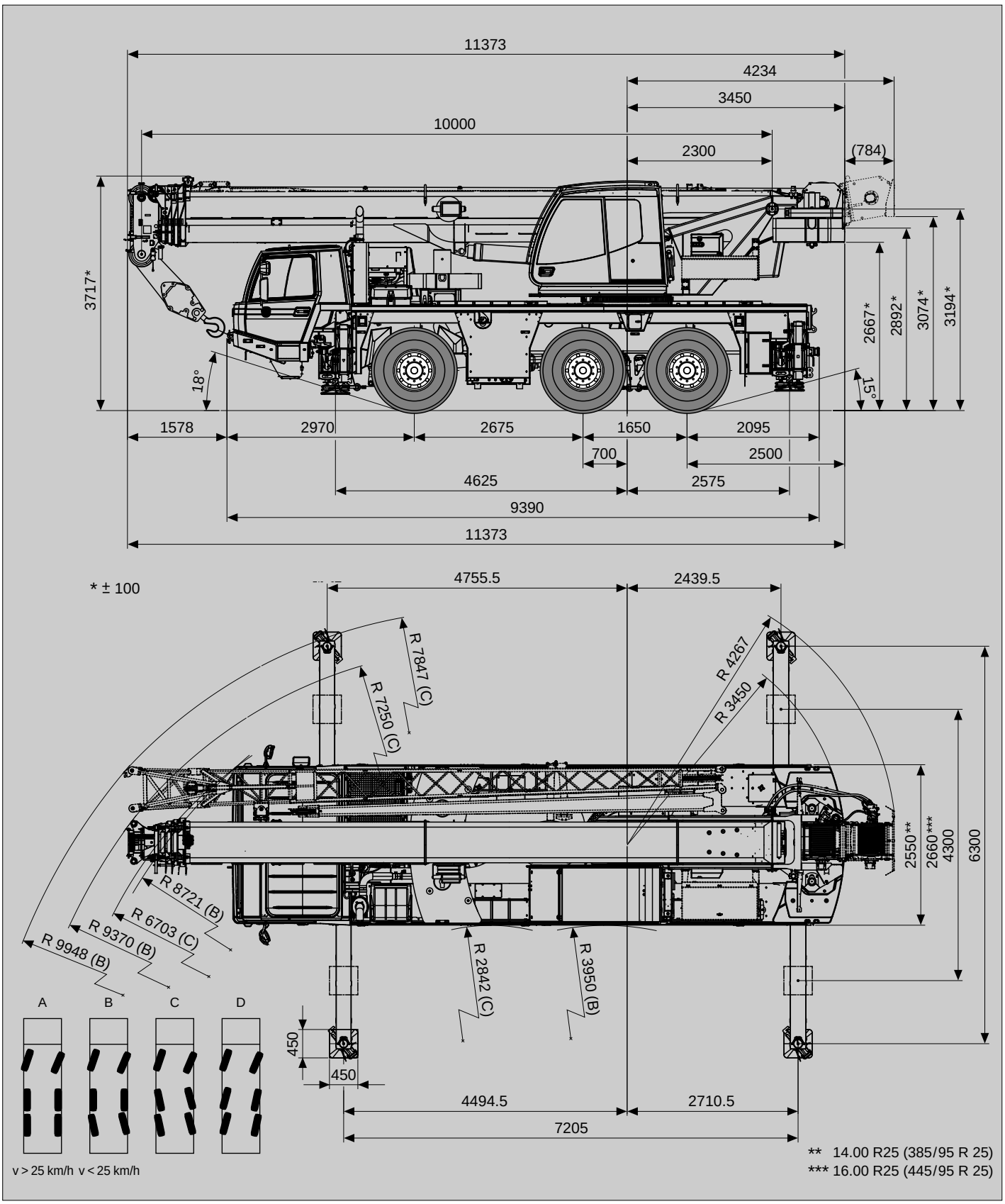


Vorläufig
Preliminary

1 System

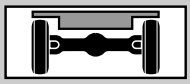
Maße (mm)
Dimensions (mm)

14.00 R 25
(385/95 R 25)

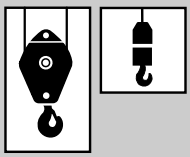


ATF 50G-3

Gewichte / Geschwindigkeiten
Weights / Working speeds

	Achse / Axle	1	2	3	Gesamtgewicht / Total weight
	(t)	12	12	12	36*

** Incl. 7,0 t Gegengewicht, 9 m / 16 m Auslegerverlängerung, Unterflasche, Hakengeschirr, Bereifung 16.00 R 25 (445/95 R 25).*
** Incl. 7.0 t counterweight, 9 m / 16 m boom extension, hook block, swivel hook, tyres 16.00 R 25 (445/95 R 25).*

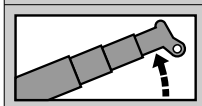
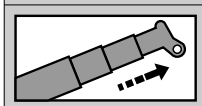


** Doppelhaken*
** Rams horn*

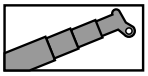
Traglast / Lifting capacity	Rollen / Sheaves	Stränge / Parts of line	Gewicht / Weight
50 t*	5	11	475 kg
32 t	3	7	300 kg
12.5 t	1	3	185 kg
6 t	–	1	150 kg

V+ 

	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
14.00 (385/95) km/h	5	7	9	11	14	18	24	31	40	51	65	84	6	7	66%
16.00 (445/95) km/h	6	7	10	12	16	20	26	34	44	56	71	85	6	8	59%

V+ 	Stufenlos Infinitely variable		Seil Rope	Max. Seilzug Max. single line pull
	0 - 135 m/min	für einfachen Strang single line	16 mm / 170 m	44 kN
	0 - 135 m/min	für einfachen Strang single line	16 mm / 170 m	44 kN
	0 - 2.2 min^{-1}			
	-2° – +83°	ca. 40 s approx. 40 s		
	10.0 m – 40.0 m	ca. 90 s approx. 90 s		

Tragfähigkeiten
Lifting capacities



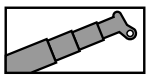
10t

DIN / ISO / EN

m	10.0 m*	10.0 m	13.8 m	17.5 m	21.3 m	25.0 m	28.8 m	32.5 m	36.3 m	40.0 m
2.5	50.0									
3.0	45.4	45.4	30.0	30.0	20.0					
3.5	41.6	41.6	30.0	30.0	20.0	20.0				
4.0	38.4	38.4	30.0	30.0	20.0	20.0	17.6			
4.5	35.5	35.1	30.0	28.7	20.0	20.0	17.6			
5.0	32.8	31.8	30.0	26.9	20.0	20.0	17.2	12.8		
6.0	26.9	26.6	26.1	23.8	20.0	18.2	15.6	12.8	9.9	
7.0	22.3	22.3	21.7	21.3	18.9	16.5	14.3	12.4	9.9	7.5
8.0			19.1	19.5	17.5	15.1	13.1	11.5	9.9	7.5
9.0			15.7	16.0	16.1	13.8	12.1	10.6	9.5	7.5
10.0			13.2	13.5	13.7	12.4	11.2	9.9	8.8	7.5
11.0			11.3	11.6	11.7	10.6	10.4	9.2	8.2	7.3
12.0				10.1	10.2	9.1	9.3	8.6	7.7	6.9
14.0				7.8	8.0	8.1	7.1	7.3	6.8	6.1
16.0					6.4	6.5	6.2	5.8	5.9	5.4
18.0					5.3	5.4	5.4	4.8	4.8	4.9
20.0						4.5	4.5	4.3	3.9	4.0
22.0						3.8	3.8	3.8	3.2	3.3
24.0							3.3	3.3	2.6	2.7
26.0								2.8	2.1	2.3
28.0								2.4	1.7	1.8
30.0								2.1	1.4	1.5
32.0									1.1	1.2
34.0										1.0
36.0										0.7
38.0										
40.0										

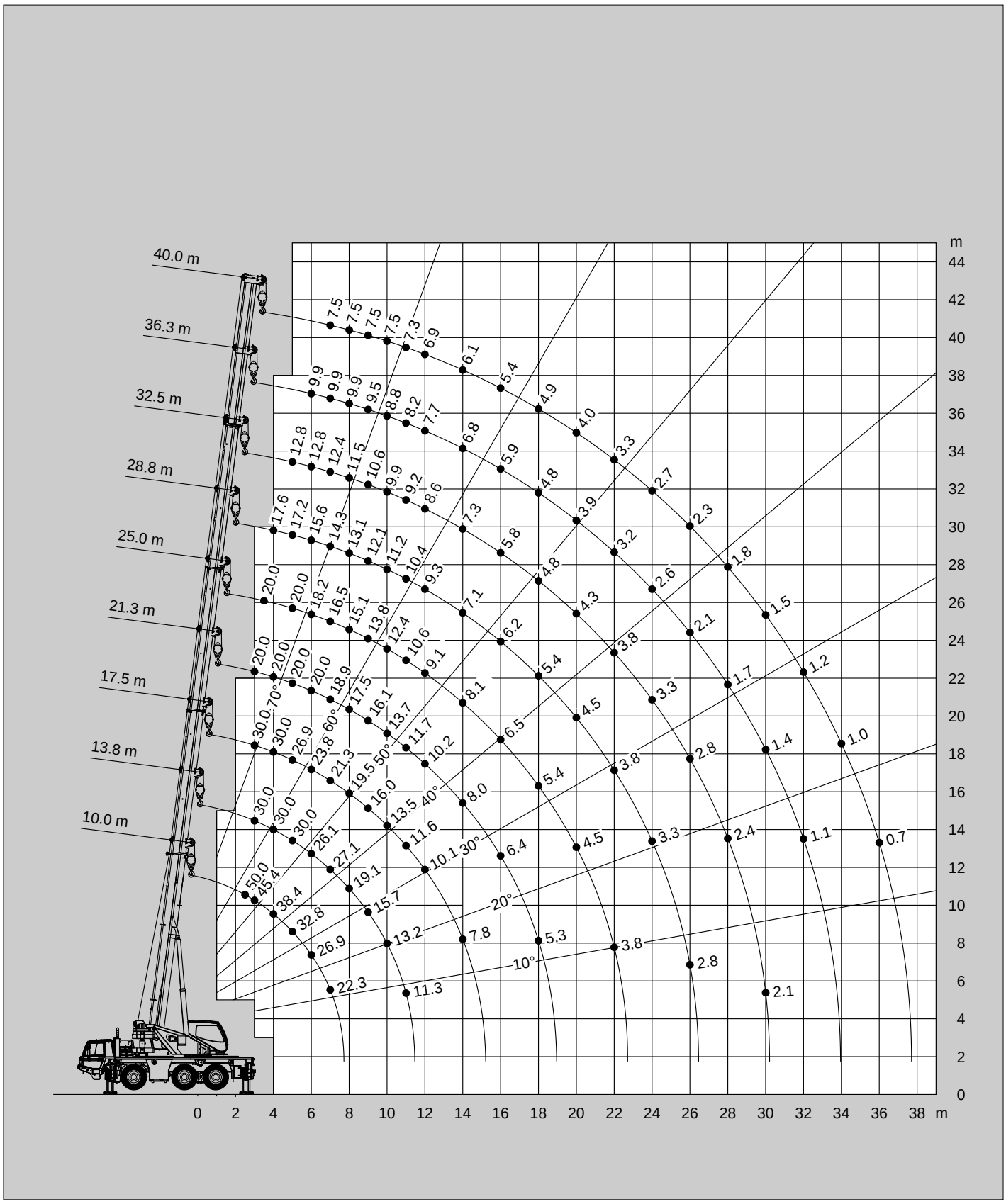
* *Nach hinten / * Over rear*

Hubhöhen
Lifting heights

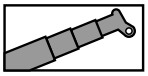


10t

DIN / ISO / EN



Tragfähigkeiten
Lifting capacities



7t

DIN / ISO / EN

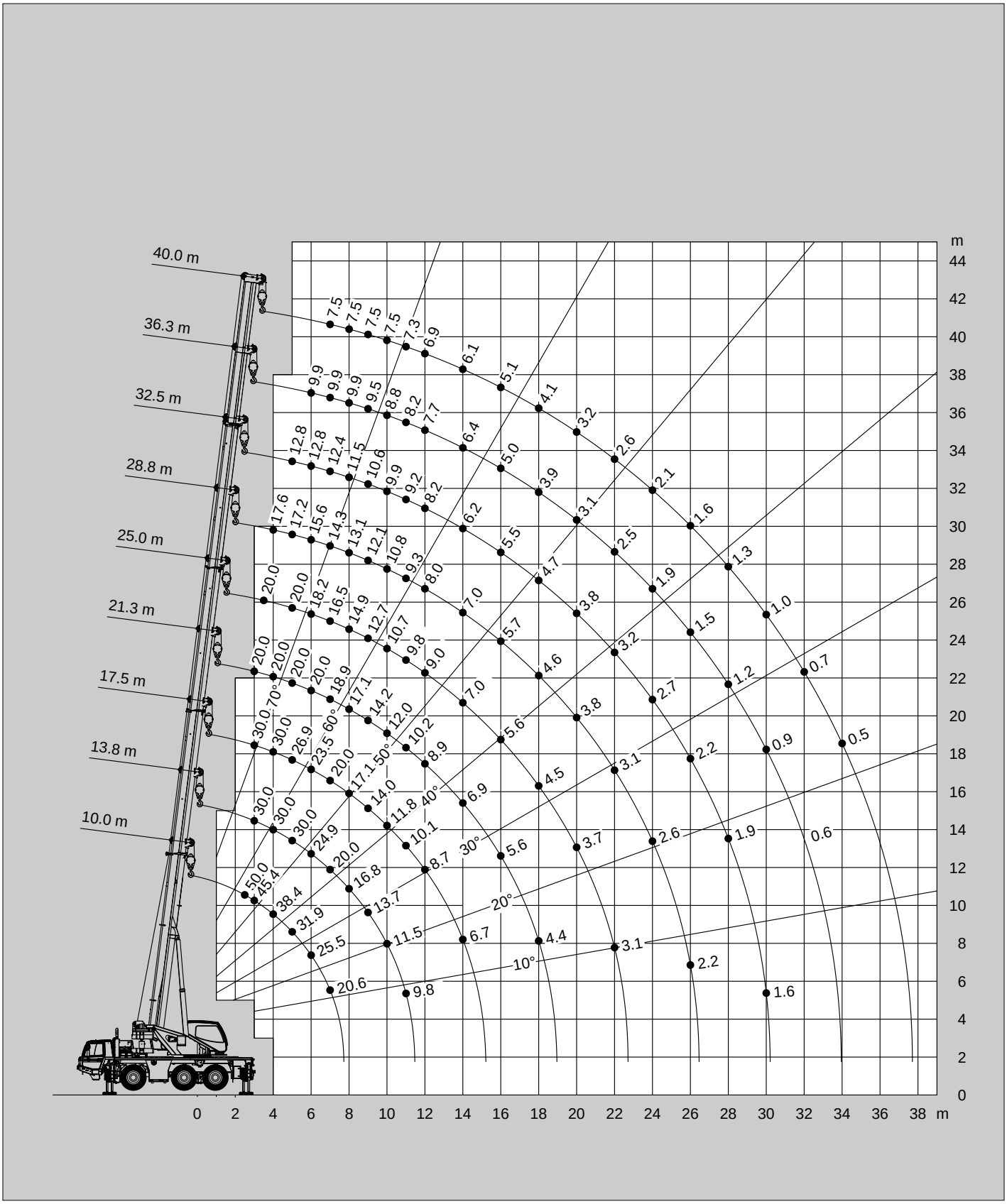
m	10.0 m*	10.0 m	13.8 m	17.5 m	21.3 m	25.0 m	28.8 m	32.5 m	36.3 m	40.0 m
2.5	49.9									
3.0	45.4	45.4	30.0	30.0	20.0					
3.5	41.6	41.6	30.0	30.0	20.0	20.0				
4.0	38.4	37.9	30.0	30.0	20.0	20.0	17.6			
4.5	35.5	34.0	30.0	28.7	20.0	20.0	17.6			
5.0	31.9	30.8	30.0	26.9	20.0	20.0	17.2	12.8		
6.0	25.5	25.4	24.9	23.5	20.0	18.2	15.6	12.8	9.9	
7.0	20.6	20.4	20.0	20.0	18.9	16.5	14.3	12.4	9.9	7.5
8.0			16.8	17.1	17.1	14.9	13.1	11.5	9.9	7.5
9.0			13.7	14.0	14.2	12.7	12.1	10.6	9.5	7.5
10.0			11.5	11.8	12.0	10.7	10.8	9.9	8.8	7.5
11.0			9.8	10.1	10.2	9.8	9.3	9.2	8.2	7.3
12.0				8.7	8.9	9.0	8.0	8.2	7.7	6.9
14.0				6.7	6.9	7.0	7.0	6.2	6.4	6.1
16.0					5.5	5.6	5.7	5.5	5.0	5.1
18.0					4.4	4.5	4.6	4.7	3.9	4.1
20.0						3.7	3.8	3.8	3.1	3.2
22.0						3.1	3.1	3.2	2.5	2.6
24.0							2.6	2.7	1.9	2.1
26.0							2.2	2.2	1.5	1.6
28.0								1.9	1.2	1.3
30.0								1.6	0.9	1.0
32.0									0.6	0.7
34.0										0.5
36.0										
38.0										
40.0										

* *Nach hinten / * Over rear*

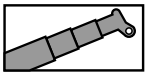
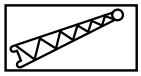
Hubhöhen
Lifting heights

360° 7t

DIN / ISO / EN



Tragfähigkeiten
Lifting capacities

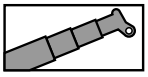
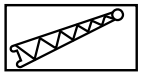



10t

DIN / ISO / EN

m	10.0 m + 9.0 m			32.5 m + 9.0 m			36.3 m + 9.0 m			40.0 m + 9.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	8.8											
3.5	8.8											
4.0	8.8	6.4										
4.5	8.6	6.1										
5.0	8.1	5.9										
6.0	7.2	5.4		5.8								
7.0	6.5	5.0	4.2	5.8								
8.0	5.9	4.7	3.9	5.8			4.3					
9.0	5.4	4.4	3.8	5.8			4.3			3.7		
10.0	5.0	4.1	3.6	5.8	5.3		4.3			3.7		
11.0	4.6	3.9	3.5	5.7	5.1		4.3	4.3		3.7		
12.0	4.3	3.7	3.4	5.4	4.9	4.0	4.3	4.3		3.7	3.7	
14.0	3.7	3.4	3.2	5.0	4.6	3.8	4.3	4.0	3.7	3.7	3.5	3.4
16.0	3.2	3.1		4.5	4.3	3.7	4.0	3.7	3.5	3.5	3.3	3.2
18.0				4.1	4.0	3.6	3.6	3.5	3.3	3.2	3.1	3.0
20.0				3.7	3.7	3.5	3.3	3.2	3.1	2.9	2.9	2.8
22.0				3.1	3.4	3.4	3.0	3.0	3.0	2.7	2.7	2.6
24.0				2.5	2.8	3.0	2.6	2.8	2.8	2.4	2.5	2.5
26.0				2.1	2.3	2.4	2.2	2.4	2.6	2.2	2.3	2.3
28.0				1.7	1.9	2.0	1.7	2.0	2.1	1.8	2.0	2.1
30.0				1.3	1.5	1.6	1.4	1.6	1.7	1.4	1.6	1.7
32.0				1.0	1.2	1.2	1.1	1.2	1.3	1.1	1.3	1.4
34.0				0.8	0.9		0.8	1.0	1.0	0.8	1.0	1.1
36.0				0.5	0.6		0.6	0.7		0.6	0.7	0.8
38.0								0.5			0.5	
40.0												
42.0												

%				
	I	0	100	100	100
	II	0	67	83	100
	III	0	67	83	100
	IV	0	67	83	100

10t

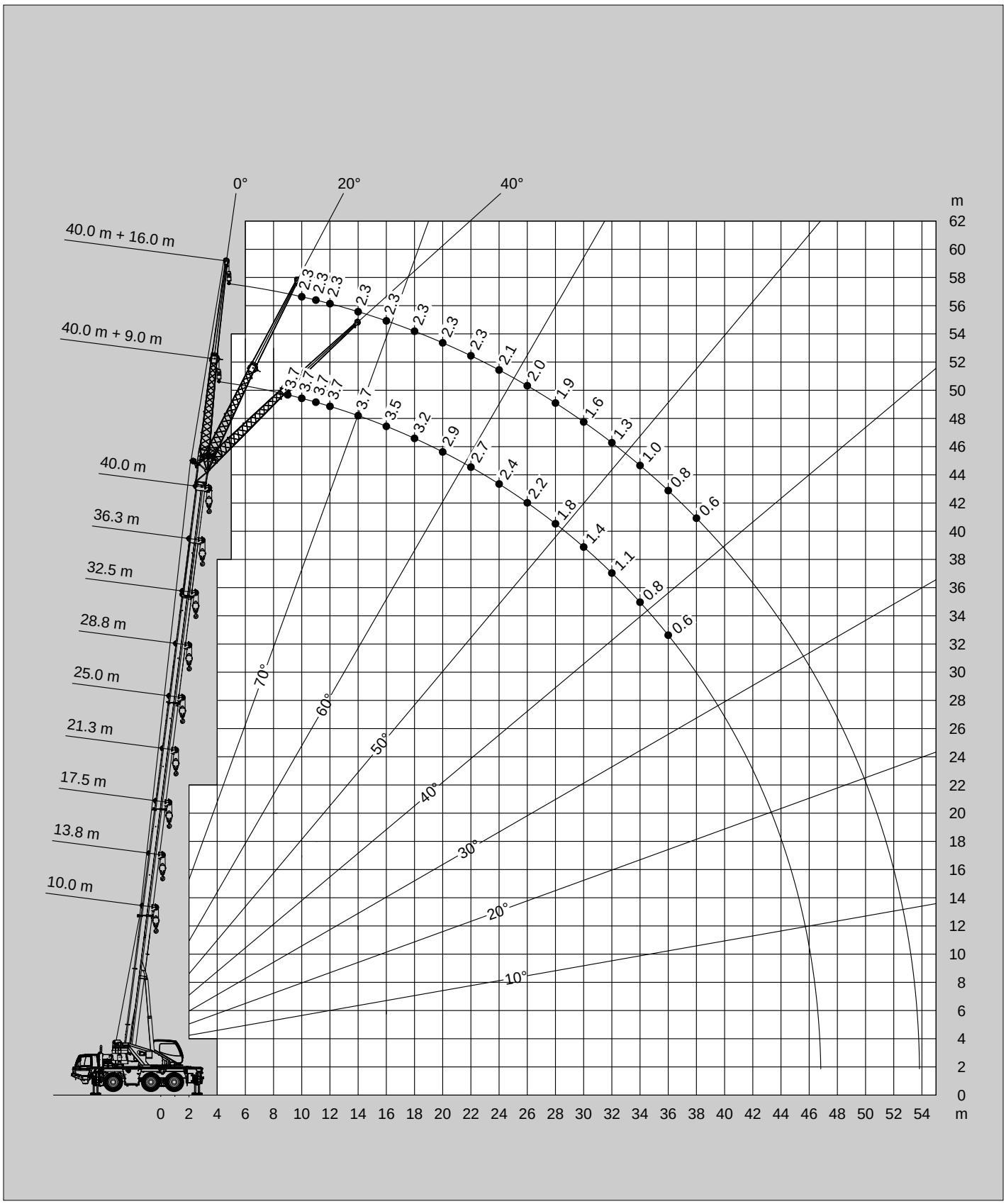
DIN / ISO / EN

m	10.0 m + 16.0 m			32.5 m + 16.0 m			36.3 m + 16.0 m			40.0 m + 16.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	4.4											
3.5	4.4											
4.0	4.4											
4.5	4.4											
5.0	4.4											
6.0	4.3											
7.0	4.0											
8.0	3.7			3.0								
9.0	3.5	2.8		3.0			2.7					
10.0	3.3	2.7		3.0			2.7			2.3		
11.0	3.1	2.6		3.0			2.7			2.3		
12.0	2.9	2.4		3.0			2.7			2.3		
14.0	2.6	2.2	1.9	3.0	2.4		2.7			2.3		
16.0	2.3	2.0	1.8	2.9	2.3		2.7	2.2		2.3	2.1	
18.0	2.0	1.8	1.6	2.7	2.2	1.9	2.6	2.1		2.3	2.1	
20.0	1.8	1.6	1.5	2.6	2.1	1.8	2.5	2.0	1.8	2.3	2.0	
22.0	1.6	1.5		2.5	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.7
24.0				2.3	1.9	1.7	2.3	1.9	1.7	2.1	1.9	1.7
26.0				2.2	1.8	1.6	2.2	1.8	1.6	2.0	1.8	1.6
28.0				2.0	1.8	1.6	2.0	1.8	1.6	1.9	1.7	1.6
30.0				1.6	1.7	1.6	1.6	1.7	1.5	1.6	1.7	1.5
32.0				1.3	1.6	1.5	1.3	1.6	1.5	1.3	1.6	1.5
34.0				1.1	1.3	1.5	1.0	1.3	1.5	1.0	1.3	1.5
36.0				0.8	1.1	1.2	0.8	1.1	1.2	0.8	1.1	1.3
38.0				0.6	0.8	0.9	0.6	0.8	1.0	0.6	0.8	1.0
40.0					0.6			0.6	0.7		0.6	0.8
42.0												0.5
44.0												
46.0												

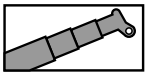
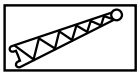
%				
	I	0	100	100	100
	II	0	67	83	100
	III	0	67	83	100
	IV	0	67	83	100

Hubhöhen
Lifting heights

DIN / ISO / EN

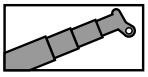
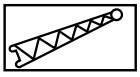


Tragfähigkeiten
Lifting capacities

    **7t** **DIN / ISO / EN**

m	10.0 m + 9.0 m			32.5 m + 9.0 m			36.3 m + 9.0 m			40.0 m + 9.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	8.8											
3.5	8.8											
4.0	8.8	6.4										
4.5	8.6	6.1										
5.0	8.1	5.9										
6.0	7.2	5.4		5.8								
7.0	6.5	5.0	4.2	5.8								
8.0	5.9	4.7	3.9	5.8			4.3					
9.0	5.4	4.4	3.8	5.8			4.3			3.7		
10.0	5.0	4.1	3.6	5.8	5.3		4.3			3.7		
11.0	4.6	3.9	3.5	5.7	5.1		4.3	4.3		3.7		
12.0	4.3	3.7	3.4	5.4	4.9	4.0	4.3	4.3		3.7	3.7	
14.0	3.7	3.4	3.2	5.0	4.6	3.8	4.3	4.0	3.7	3.7	3.5	3.4
16.0	3.2	3.1		4.5	4.3	3.7	4.0	3.7	3.5	3.5	3.3	3.2
18.0				3.9	4.0	3.6	3.6	3.5	3.3	3.2	3.1	3.0
20.0				3.0	3.4	3.5	3.2	3.2	3.1	2.9	2.9	2.8
22.0				2.4	2.7	3.0	2.5	2.8	3.0	2.5	2.7	2.6
24.0				1.9	2.1	2.3	2.0	2.3	2.5	2.0	2.3	2.5
26.0				1.4	1.7	1.8	1.5	1.8	2.0	1.6	1.8	2.0
28.0				1.1	1.3	1.4	1.2	1.4	1.5	1.2	1.4	1.6
30.0				0.8	1.0	1.0	0.9	1.1	1.2	0.9	1.1	1.2
32.0				0.5	0.7	0.7	0.6	0.8	0.9	0.6	0.8	0.9
34.0								0.5	0.6		0.5	0.6
36.0												
38.0												
40.0												
42.0												

%				
	I	0	100	100	100
	II	0	67	83	100
	III	0	67	83	100
	IV	0	67	83	100

    **7t** **DIN / ISO / EN**

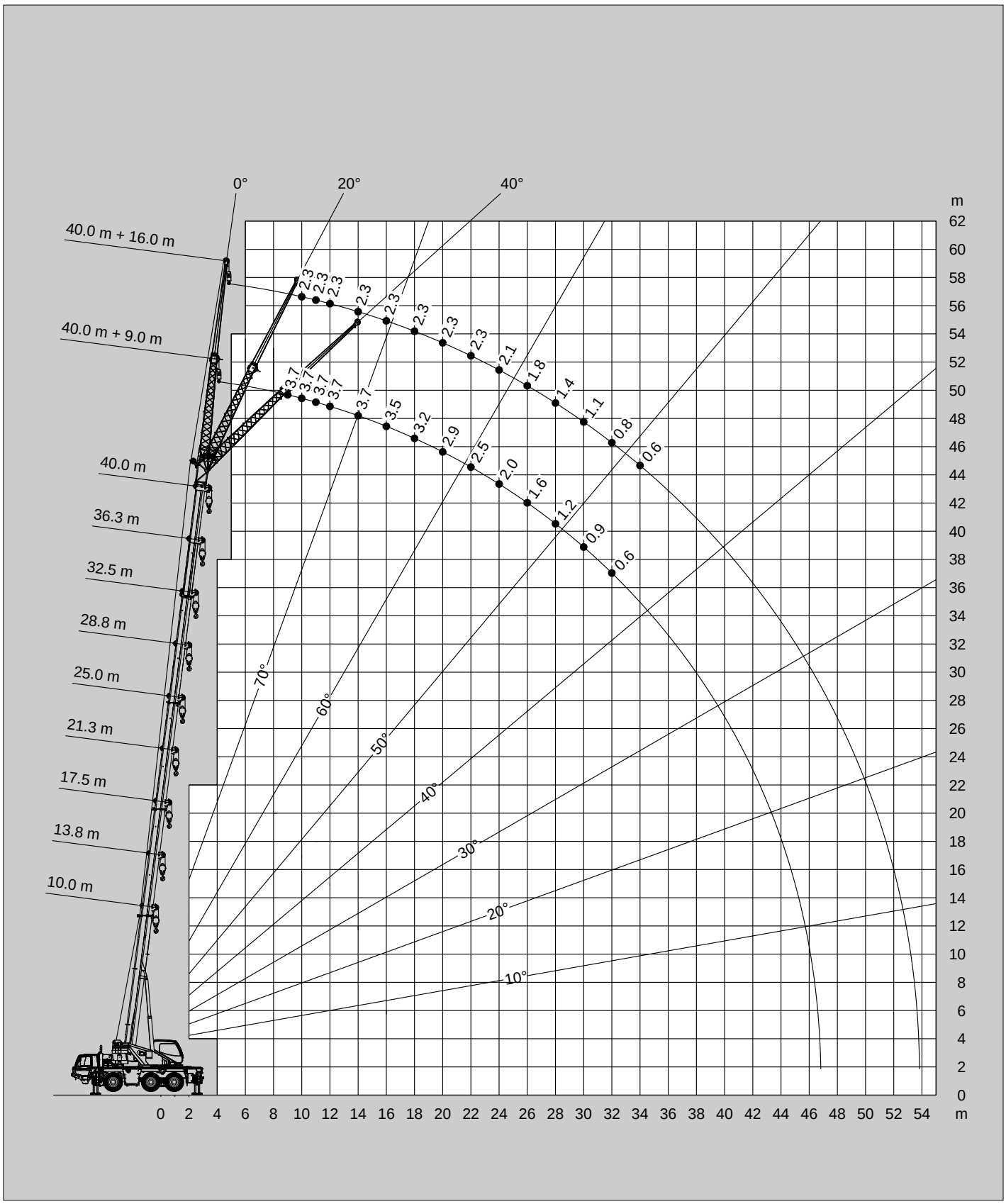
m	10.0 m + 16.0 m			32.5 m + 16.0 m			36.3 m + 16.0 m			40.0 m + 16.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	4.4											
3.5	4.4											
4.0	4.4											
4.5	4.4											
5.0	4.4											
6.0	4.3											
7.0	4.0											
8.0	3.7			3.0								
9.0	3.5	2.8		3.0			2.7					
10.0	3.3	2.7		3.0			2.7			2.3		
11.0	3.1	2.6		3.0			2.7			2.3		
12.0	2.9	2.4		3.0			2.7			2.3		
14.0	2.6	2.2	1.9	3.0	2.4		2.7			2.3		
16.0	2.3	2.0	1.8	2.9	2.3		2.7	2.2		2.3	2.1	
18.0	2.0	1.8	1.6	2.7	2.2	1.9	2.6	2.1		2.3	2.1	
20.0	1.8	1.6	1.5	2.6	2.1	1.8	2.5	2.0	1.8	2.3	2.0	
22.0	1.6	1.5		2.5	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.7
24.0				2.2	1.9	1.7	2.2	1.9	1.7	2.1	1.9	1.7
26.0				1.8	1.8	1.6	1.8	1.8	1.6	1.8	1.8	1.6
28.0				1.4	1.8	1.6	1.4	1.8	1.6	1.4	1.7	1.6
30.0				1.1	1.5	1.6	1.1	1.5	1.5	1.1	1.4	1.5
32.0				0.8	1.1	1.4	0.8	1.1	1.4	0.8	1.1	1.4
34.0				0.6	0.9	1.0	0.6	0.9	1.1	0.6	0.9	1.1
36.0					0.6	0.8		0.6	0.8		0.6	0.8
38.0						0.5			0.6			0.6
40.0												
42.0												
44.0												
46.0												

%				
	I	0	100	100	100
	II	0	67	83	100
	III	0	67	83	100
	IV	0	67	83	100

Hubhöhen
Lifting heights

7t

DIN / ISO / EN



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 15 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 15 m/sec.

The lifting capacities shown are in metric tons.

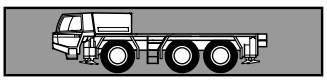
The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.

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.



Rahmen Verwindungs- und biegesteife Schweißkonstruktion aus hochfestem Feinkornstahl.

Abstützung 4-Punkt-Abstützung, hydraulisch, Bedienungsmöglichkeiten an beiden Seiten des Fahrgestelles und in der Oberwagenkabine.
Abstützbasis 6,3 m (und 4,3 m) x 7,2 m.

Motor Mercedes-Benz 6-Zylinder-Dieselmotor OM 926 LA (Euromot III A / EPA III), wassergekühlt,
Leistung 240 kW (326 PS) bei 2200 min^{-1}.
Drehmoment 1300 Nm (132,5 kpm) bei 1300 bis 1600 min^{-1}.
Motorleistung nach 80 / 1269 / EWG. Kraftstoffbehälter 355 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.

Antrieb 6 x 6

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

Achsaufhängung Hydropneumatische Federung mit Niveauregulierung.

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

Räder 6-fach 14.00 R 25 (385/95 R 25), Breite 2,55 m.

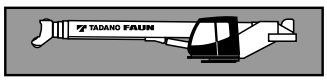
Lenkung ZF-Servocom-Zweikreishydrolenkung. Mechanische Lenkung der 1. Achse und Mitlenken der 3. Achse (bis zu einer Geschwindigkeit von 25 km/h), hydraulisch unterstützt, mit Notlenkpumpe. Lenkung aller Achsen möglich. Hydrostatische Lenkung aller Achsen aus der Oberwagenkabine.

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

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

Zusatzausrüstung (gegen Mehrpreis)
Anhängekupplung, Wirbelstrombremse, motorunabhängige Zusatzheizung mit Motorvorwärmung, Klimaanlage, 16.00 R 25 (445/95 R 25) Bereifung, Reserverad, Sonderlackierung und Beschriftung.

Weitere Zusatzausrüstung auf Anfrage.



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

Hydraulik System Diesel-hydraulisch mit 3-Kreishydraulik, 1 leistungsgeregelte Axialkolbendoppelpumpe (hydraulisch verstellbar) und 1 Zahnradpumpe, alle Pumpen vom Unterwagenmotor angetrieben. Bei Kranbetrieb: 204 kW (277 PS) bei 1500 min^{-1}. (DIN 6270B / DIN 6271B).

Steuerung Zwei 4-fach Kreuzsteuerhebel mit hydraulischer Vorsteuerung.

Teleskopausleger Fünfteiliger Teleskopausleger aus hochfestem Feinkornstahl, bestehend aus einem Grundausleger und 4 Teleskopteilen, 1 Teleskopzylinder, hydraulisch unter Teillast teleskopierbar. 10,0 m - 40,0 m lang.

Wippwerk 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 - 2,2 min^{-1}.

Gegengewicht Standard 7 t teilbar.
Die Bedienung erfolgt aus der Oberwagenkabine.

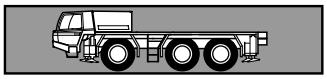
Oberwagenkabine Großräumige Krankabine in Stahl-Kunststoff-Ausführung mit Sicherheitsverglasung mit getönten Scheiben, mit verstellbarem, gefedertem, gedämpftem Fahrersitz, motorunabhängige Warmwasserheizung, Kontroll- und Bedienungselemente für Kranbetrieb, Verfahrbarkeit vom Oberwagen und Abstützbetätigung.

Elektrische Anlage 24 Volt-Gleichstrom, 2 Batterien.

Sicherheitseinrichtungen Lastmomentbegrenzung (LMB), Arbeitsbereichsanzeige, Hubendschalter, Windenendschalter, Seilwindendrehmelder, Sicherheitsventile gegen Rohr- und Schlauchbrüche. Sperrventile an Hydraulik-Zylindern.

Zusatzausrüstung (gegen Mehrpreis)
Auslegerverlängerung 9,0 m / 16,0 m,Schwerlastspitze 1,6 m, Zusatzgegengewicht 3 t für max. 10 t, Gegengewichtsvarianten 4,9 t, 10 t, verschiedene Unterflaschen, Klimaanlage, Arbeits- und Drehbereichsbegrenzung, Ölkühler, Sonderlackierung und Beschriftung.

Weitere Zusatzausrüstung auf Anfrage.



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

Outriggers 4 point, telescopic hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 6.3 m (4.3 m mid extension) x 7.2 m.

Carrier engine Mercedes-Benz 6 cylinder model OM 926 LA (Euromot III A / EPA III), water-cooled diesel engine. Rated at 240 kW (326 HP) at 2200 min^{-1}.
Torque 1300 Nm (132.5 kpm) at 1300 - 1600 min^{-1}.
Engine rating according to 80 / 1269 / EWG. Fuel tank 355 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.

Drive 6 x 6

Axles
1st axle: steered, driven.
2nd axle: steered, driven, with longitudinal differential lock.
3rd axle: steered, driven.
All driven axles with transverse differential locks.

Suspension Hydro-pneumatic with levelling adjustment.

Brake system Service brakes: dual circuit compressed air system with ABS. Parking brake: spring loaded type acting on 2st and 3rd axles. Auxiliary brakes: engine exhaust brake and constant throttle engine brake system.

Tyres (6) 14.00 R 25 (385/95 R 25), width 2.55 m.

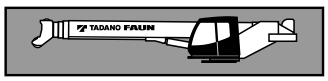
Steering system ZF Servocom dual circuit hydraulic steering, mechanical hydraulically-assisted steering of 1st axle and 3rd axle up to a travel speed of 25 km/h, emergency steering pump. Steering of all axles possible. All axles steered hydrostatically from superstructure cab.

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 control.

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

Optional Equipment (at extra charge)
Towing attachment, eddy current retarder brake, engine independent additional heater with engine pre-heat, air conditioning, 16.00 R 25 (445/95 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.

Hydraulic system Three circuit diesel hydraulic system with 1 power controlled axial piston double pump (hydraulically adjustable) and 1 gear pump. Pumps driven by carrier engine rated at 204 kW (277 HP) at 1500 min^{-1} (DIN 6270B / DIN 6271B).

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

Telescopic boom 5 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 4 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable under partial load.
10.0 m to 40.0 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 - 2.2 min^{-1}.

Counterweight Standard 7 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,with hydraulically cushioned adjustable seat, engine independent hot-water heater. Complete controls and instrumentation for crane operation, on-site travelling and outriggers.

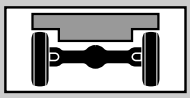
Electrical system 24 volt DC system, 2 batteries.

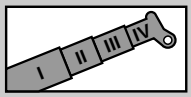
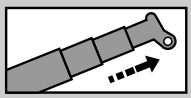
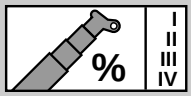
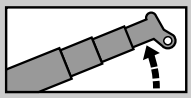
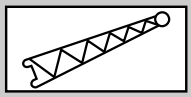
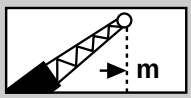
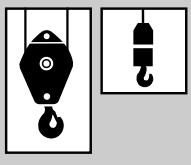
Safety devices Load moment device (LMD), working area display, hoist limit switch, lower limit switch, drum turn indicator, safety valves against pipe and hose rupture. Holding valves on hydraulic cylinders.

Optional Equipment (at extra charge)
Boom extensions 9.0 m to 16.0 m, heavy duty jib 1.6 m additional counterweight 3.0 t for max.10.0 t, counterweight variations 4.9 t, 10.0 t, selection of hook blocks, air conditioning, working area limitation, oil cooler, special painting and lettering.

Further optional equipment available upon request.

Symbolerklärung
Symbols

DIN/ISO/EN	Siehe Seite 12 As on Page 12
	Abstützung Outriggers
	Getriebe / Gang Transmission / Gear
	Achslast Axle load
 14.00 (385/95)	Räder / Größe Tyres / Size
V+	Geschwindigkeiten Speeds
	Steigfähigkeit Gradeability
360°	Drehwerk Slewing system
10t	Gegengewicht Counterweight

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