

Worldwide offices

International

TADANO LTD.

International Division
4-12, Kamezawa 2-chome
Sumida-Ku, Tokyo 130-0014, Japan
Phone: +81-3-3621-7750
Fax: +81-3-3621-7785
E-mail: tdnihq@tadano.co.jp

TADANO AMERICA CORPORATION

4242 West Greens Road
Houston, TX 77066, USA
Phone: +1-281-869-0030
Fax: +1-281-869-0040
E-mail: sales@tadano-cranes.com

TADANO LTD. Middle East Representative Office

P.O.Box 18302, LOB15-323
Jebel Ali Free Zone, Dubai, UAE
Phone: +971-4-887-1353
Fax: +971-4-887-1703
E-mail: tadano@tadano.ae

TADANO LTD. Beijing Office

Jing Guang Centre, Room 2905, Hu Jia Lou
Chao Yang Qu
Beijing, China
Phone: +86-10-6597-3210
Fax: +86-10-6597-3220
E-mail: beijing@tadano.co.jp

Europe

TADANO FAUN GmbH

Faunberg 2
91207 Lauf a. d. Pegnitz
Germany
Phone: +49-9123-955-0
Fax: +49-9123-3085
E-mail: info@tadanofaun.de

TADANO SOUTH CHINA CO. LTD.

Room 1803, 18/F Seaview Commercial
Building 21-24 Connaught Road West
Hong Kong, China
Phone: +852-2544-9310
Fax: +852-2541-5828
E-mail: hiwa@tadanosc.com

TADANO Korea Co Ltd.

302, Koram Venture Town B/D
907-1 Daechi-Dong, Gangnam-Ku
Seoul 135-280, Korea
Phone: +82-2-714-1600
Fax: +82-2-3274-1304
E-mail: tadano@korea.com

TADANO Asia Pte Ltd.

11 Tuas View Crescent
Multico Building
Singapore 637643
Phone: +65-6863-6901
Fax: +65-6863-6902
E-mail: Tdn-crane@tadanoasia.com

TAIWAN TADANO LTD.

4F, No.50, Sung Chiang Road
Taipei
Taiwan
Phone: +886-2-2523-1388
Fax: +886-2-2523-3988
E-mail: tadano@ms18.hinet.net

TADANO FAUN HOLLAND B.V.

Antennestraat 6
3903 LZ Veenendaal
The Netherlands
Phone: +31-318-546-700
Fax: +31-318-542-282
E-mail: info@tadano-faun.nl

Detaillierte Informationen über unsere Internationalen Händler und Service Niederlassungen finden Sie im Internet.
For detailed information about our International Distributor and Service network, please refer to our homepages.

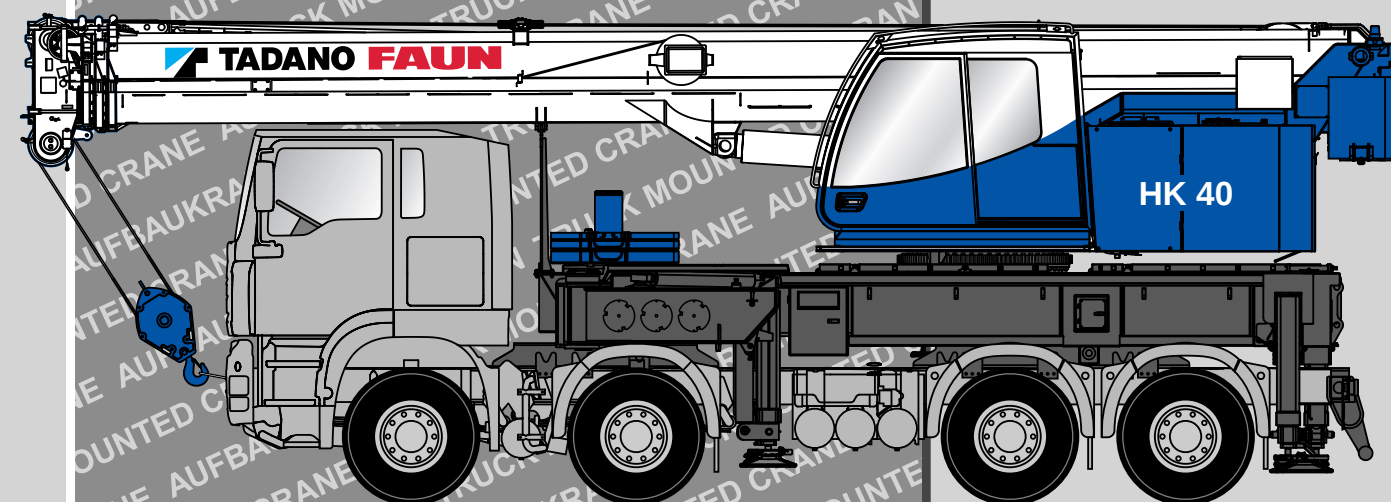
www.tadano.co.jp + www.tadanofaun.de + www.tadanoamerica.com

Herausgeber / Publisher:

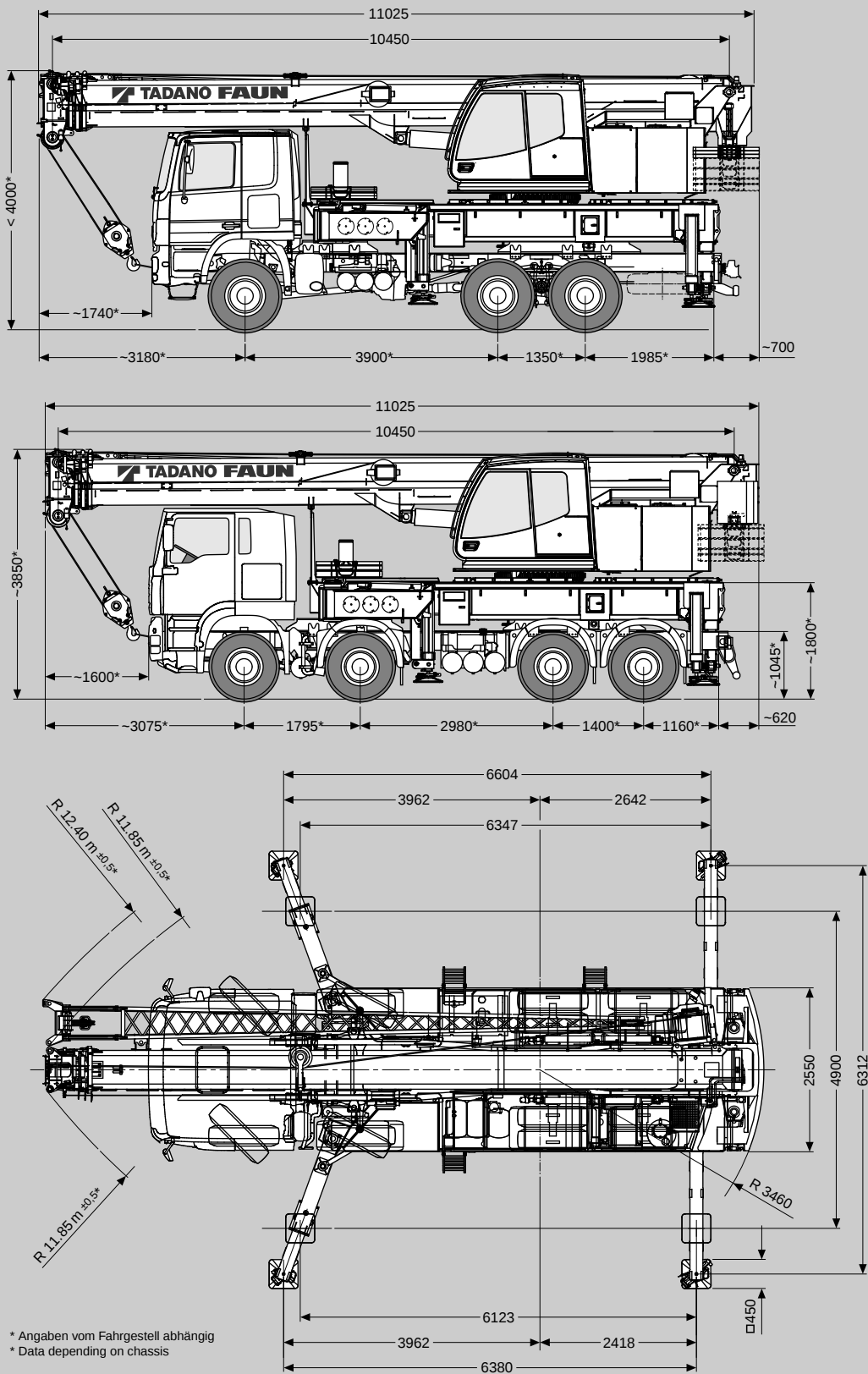
TADANO FAUN GmbH
P.O.Box 10 02 64
91205 Lauf
Germany

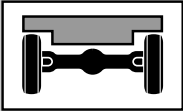
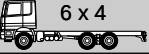
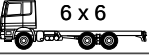
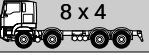


AUFBAUKRAN HK 40



Maße (mm)
Dimensions (mm)



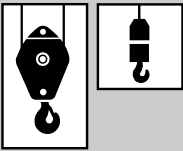
	Achse / Axle	1	2	3	4	Gesamtgewicht / Total weight
	3 -  (t) 	9.0	9.5	9.5	–	26.0**
	3 -  (t) 	9.0	12.0	12.0	–	32.0*
	4 -  (t) 	8.0	8.0	9.5	9.5	32.0*

* Abhängig vom Fahrgestell und Optionen, incl. 4.5 t Gegengewicht, 9 m Auslegerverlängerung, 10 t Unterflasche, 4 t Hakengeschirr.

* Depending on chassis and options, incl. 4.5 t counterweight, 9 m boom extension, 10 t hook block, 4 t swivel hook.

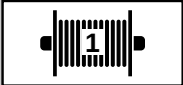
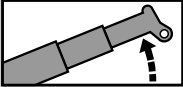
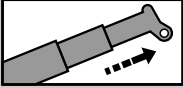
** Abhängig vom Fahrgestell und Optionen, incl. 9 m Auslegerverlängerung.

** Depending on chassis and options, incl. 9 m boom extension.

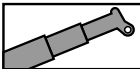
	Traglast / Lifting capacity	Rollen / Sheaves	Stränge / Parts of line	Gewicht / Weight
	40 t	6	13	350 kg
	32 t	5	11	280 kg
	20 t	3	7	200 kg
	10 t	1	3	150 kg
	4 t	–	1	75 kg

V+ 

								
km/h 			Alle diese Daten abhängig vom Fahrgestell This data depending on chassis					
km/h 								
								

V+ 	Stufenlos Infinitely variable		Seil Rope	Max. Seilzug Max. single line pull
	0 - 135 m/min	für einfachen Strang single line	14 mm / 150 m	33 kN
	0 - 2 min ⁻¹			
	-0.5° – +79°	ca. 35 s approx. 35 s		
	10.5 m – 35.2 m	ca. 105 s approx. 105 s		

Tragfähigkeiten
Lifting capacities

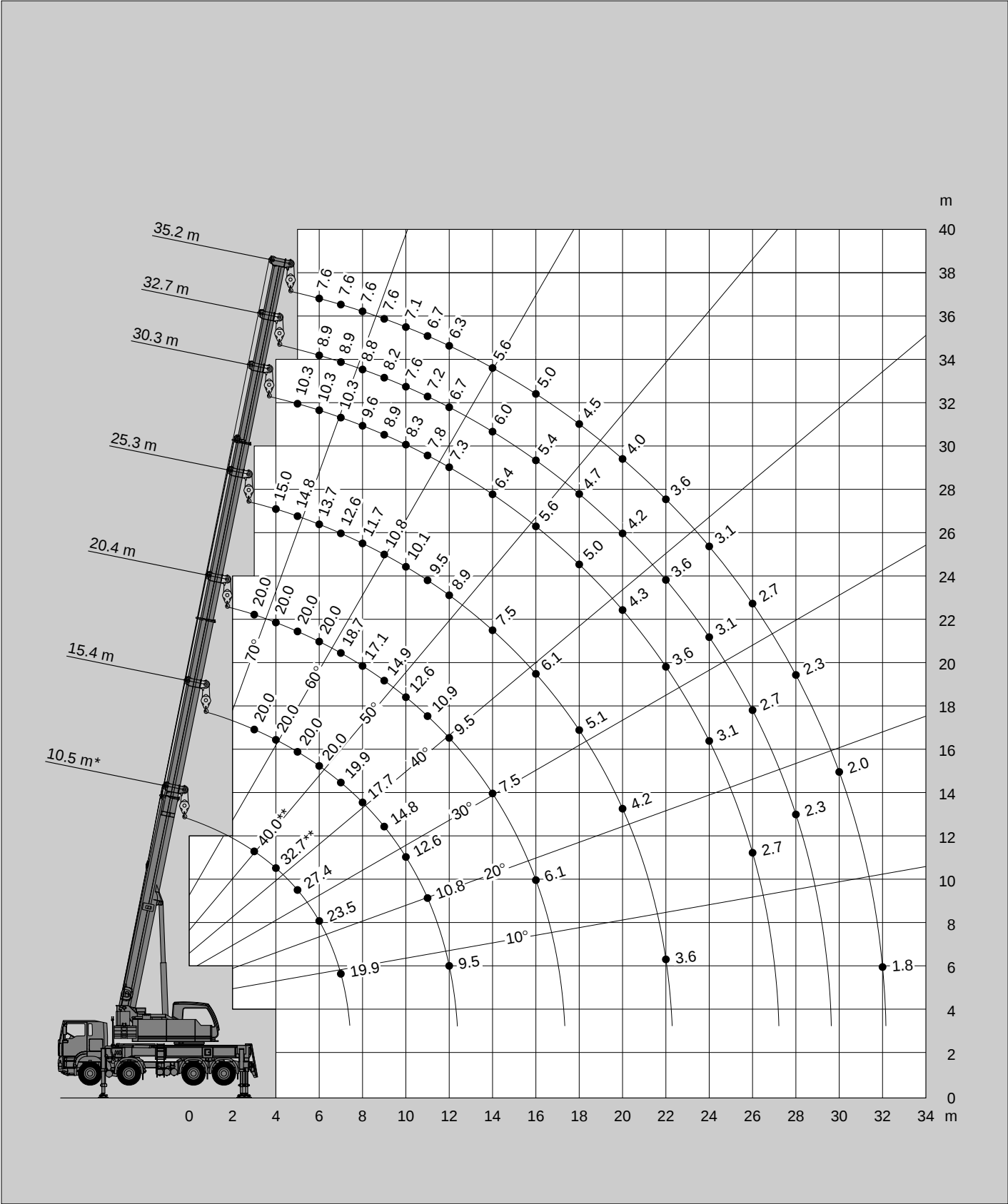
			8.5 t		+		DIN / ISO / EN	
	10.5 m*	10.5 m	15.4 m	20.4 m	25.3 m	30.3 m	32.7 m	35.2 m
3.0	40.0**	35.0**	20.0	20.0	15.0			
3.5	36.0**	32.4**	20.0	20.0	15.0			
4.0	32.7**	29.8	20.0	20.0	15.0			
4.5	29.9	27.6	20.0	20.0	15.0	10.3		
5.0	27.4	25.3	20.0	20.0	14.8	10.3		
6.0	23.5	21.8	20.0	20.0	13.7	10.3	8.9	7.6
7.0	19.9	19.7	19.9	18.7	12.6	10.3	8.9	7.6
8.0			17.7	17.1	11.7	9.6	8.8	7.6
9.0			14.8	14.9	10.8	8.9	8.2	7.6
10.0			12.6	12.6	10.1	8.3	7.6	7.1
11.0			10.8	10.9	9.5	7.8	7.2	6.7
12.0			9.5	9.5	8.9	7.3	6.7	6.3
14.0				7.5	7.5	6.4	6.0	5.6
16.0				6.1	6.1	5.6	5.4	5.0
18.0					5.1	5.0	4.7	4.5
20.0					4.2	4.3	4.2	4.0
22.0					3.6	3.6	3.6	3.6
24.0						3.1	3.1	3.1
26.0						2.7	2.7	2.7
28.0							2.3	2.3
30.0								2.0
32.0								1.8
	I	0	20	40	60	80	90	100
II	0	0	20	40	60	80	90	100
III	0	0	20	40	60	80	90	100

* Nach hinten / * Over rear
** Mit Zusatzhubausrüstung / ** With additional lifting equipment

Hubhöhen
Lifting heights

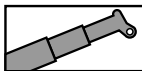
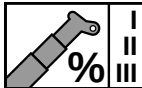


DIN/ISO/EN



* Nach hinten / * Over rear
** Mit Zusatzhubausrüstung / ** With additional lifting equipment

Tragfähigkeiten
Lifting capacities

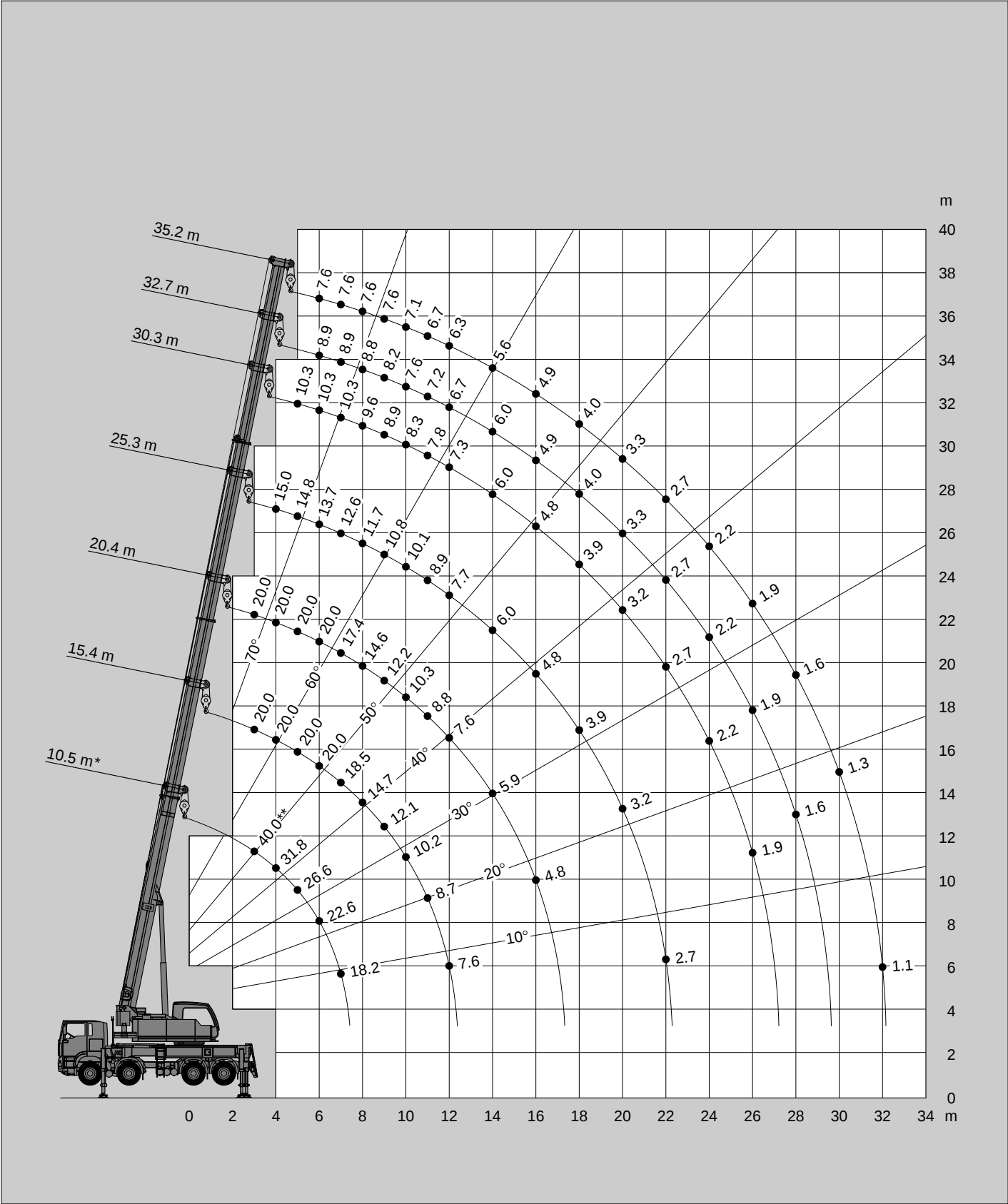
						+		DIN / ISO / EN	
	10.5 m*	10.5 m	15.4 m	20.4 m	25.3 m	30.3 m	32.7 m	35.2 m	
3.0	40.0**	35.0**	20.0	20.0	15.0				
3.5	35.1**	31.6	20.0	20.0	15.0				
4.0	31.8	29.0	20.0	20.0	15.0				
4.5	29.0	26.8	20.0	20.0	15.0	10.3			
5.0	26.6	24.5	20.0	20.0	14.8	10.3			
6.0	22.6	21.0	20.0	20.0	13.7	10.3	8.9	7.6	
7.0	18.2	18.2	18.5	17.4	12.6	10.3	8.9	7.6	
8.0			14.7	14.6	11.7	9.6	8.8	7.6	
9.0			12.1	12.2	10.8	8.9	8.2	7.6	
10.0			10.2	10.3	10.1	8.3	7.6	7.1	
11.0			8.7	8.8	8.9	7.8	7.2	6.7	
12.0			7.6	7.6	7.7	7.3	6.7	6.3	
14.0				5.9	6.0	6.0	6.0	5.6	
16.0				4.8	4.8	4.8	4.9	4.9	
18.0					3.9	3.9	4.0	4.0	
20.0					3.2	3.2	3.3	3.3	
22.0					2.7	2.7	2.7	2.7	
24.0						2.2	2.2	2.2	
26.0						1.9	1.9	1.9	
28.0							1.6	1.6	
30.0								1.3	
32.0								1.1	
	I	0	0	20	40	60	80	90	100
	II	0	0	20	40	60	80	90	100
	III	0	0	20	40	60	80	90	100

* Nach hinten / * Over rear
** Mit Zusatzhubausrüstung / ** With additional lifting equipment

Hubhöhen
Lifting heights

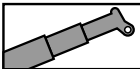


DIN/ISO/EN



* Nach hinten / * Over rear
** Mit Zusatzhubausrüstung / ** With additional lifting equipment

Tragfähigkeiten
Lifting capacities

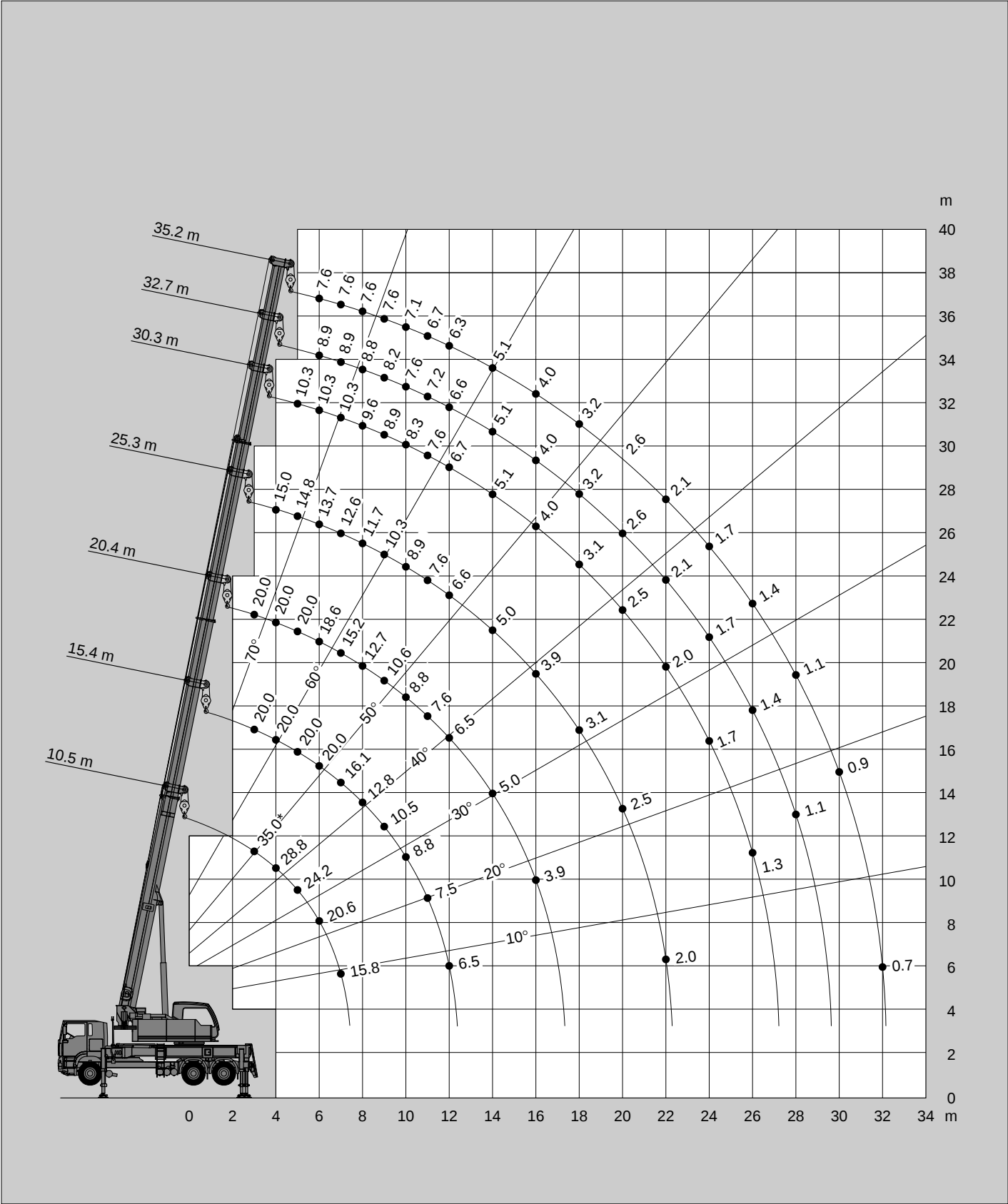
					DIN / ISO / EN		
 m	10.5 m	15.4 m	20.4 m	25.3 m	30.3 m	32.7 m	35.2 m
3.0	35.0*	20.0	20.0	15.0			
3.5	31.5	20.0	20.0	15.0			
4.0	28.8	20.0	20.0	15.0			
4.5	26.4	20.0	20.0	15.0	10.3		
5.0	24.2	20.0	20.0	14.8	10.3		
6.0	20.6	20.0	18.6	13.7	10.3	8.9	7.6
7.0	15.8	16.1	15.2	12.6	10.3	8.9	7.6
8.0		12.8	12.7	11.7	9.6	8.8	7.6
9.0		10.5	10.6	10.3	8.9	8.2	7.6
10.0		8.8	8.8	8.9	8.3	7.6	7.1
11.0		7.5	7.6	7.6	7.6	7.2	6.7
12.0		6.5	6.5	6.6	6.7	6.6	6.3
14.0			5.0	5.0	5.1	5.1	5.1
16.0			3.9	3.9	4.0	4.0	4.0
18.0				3.1	3.1	3.2	3.2
20.0				2.5	2.5	2.6	2.6
22.0				2.0	2.0	2.1	2.1
24.0					1.7	1.7	1.7
26.0					1.3	1.4	1.4
28.0						1.1	1.1
30.0							0.9
32.0							0.7
 %	I 0	II 20	III 40	60	80	90	100
	I 0	II 20	III 40	60	80	90	100
	I 0	II 20	III 40	60	80	90	100

* Mit Zusatzhubausrüstung / * With additional lifting equipment

Hubhöhen
Lifting heights

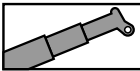
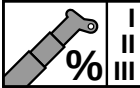


DIN/ISO/EN



* Mit Zusatzhubausrüstung / * With additional lifting equipment

Tragfähigkeiten
Lifting capacities

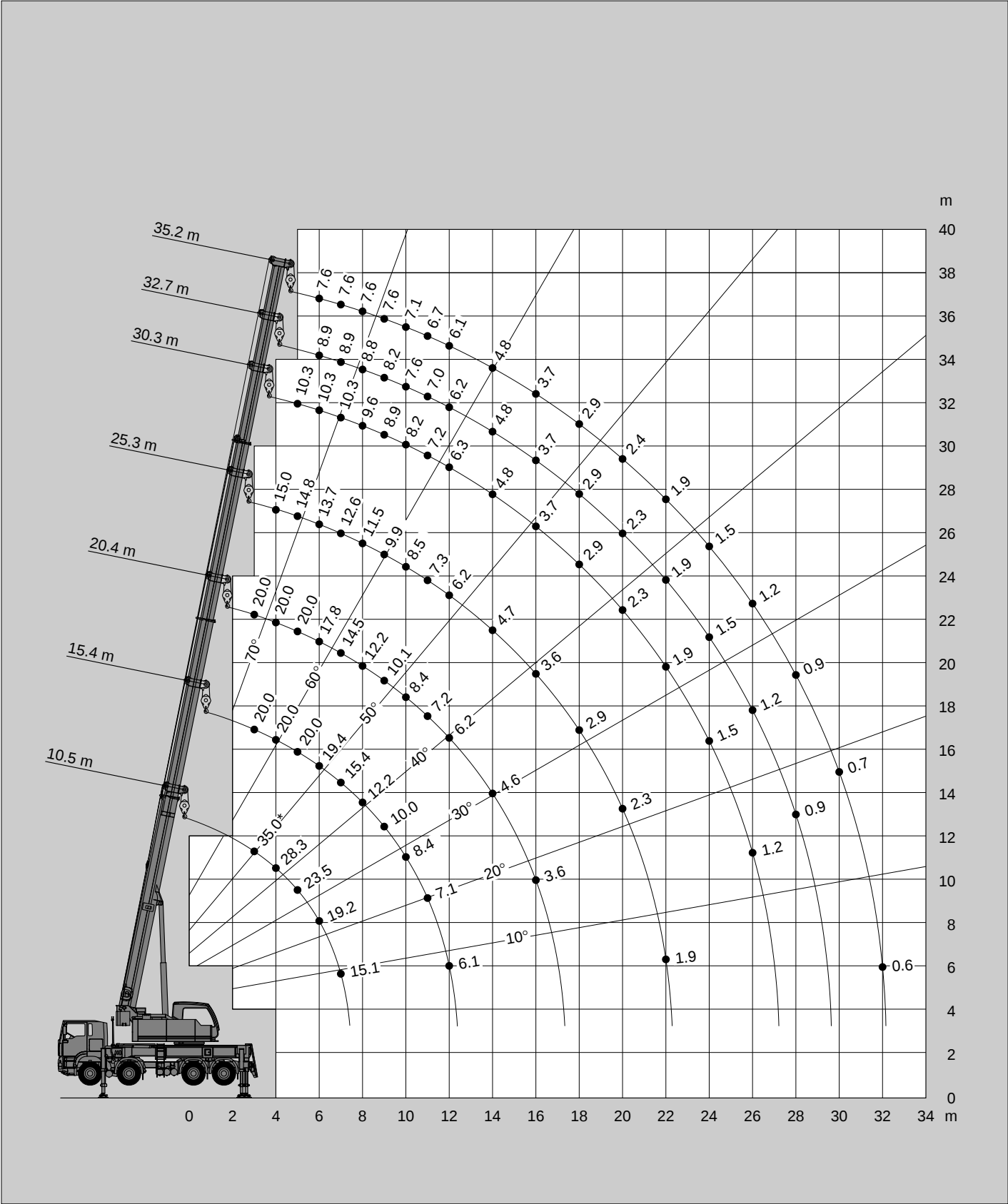
					DIN / ISO / EN		
 m	10.5 m	15.4 m	20.4 m	25.3 m	30.3 m	32.7 m	35.2 m
3.0	35.0*	20.0	20.0	15.0			
3.5	31.1	20.0	20.0	15.0			
4.0	28.3	20.0	20.0	15.0			
4.5	26.1	20.0	20.0	15.0	10.3		
5.0	23.5	20.0	20.0	14.8	10.3		
6.0	19.2	19.4	17.8	13.7	10.3	8.9	7.6
7.0	15.1	15.4	14.5	12.6	10.3	8.9	7.6
8.0		12.2	12.2	11.5	9.6	8.8	7.6
9.0		10.0	10.1	9.9	8.9	8.2	7.6
10.0		8.4	8.4	8.5	8.2	7.6	7.1
11.0		7.1	7.2	7.3	7.2	7.0	6.7
12.0		6.1	6.2	6.2	6.3	6.2	6.1
14.0			4.6	4.7	4.8	4.8	4.8
16.0			3.6	3.6	3.7	3.7	3.7
18.0				2.9	2.9	2.9	2.9
20.0				2.3	2.3	2.3	2.4
22.0				1.9	1.9	1.9	1.9
24.0					1.5	1.5	1.5
26.0					1.2	1.2	1.2
28.0						0.9	0.9
30.0							0.7
32.0							0.6
 %	I 0	II 20	40	60	80	90	100
	0	20	40	60	80	90	100
	0	20	40	60	80	90	100

* Mit Zusatzhubausrüstung / * With additional lifting equipment

Hubhöhen
Lifting heights

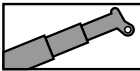
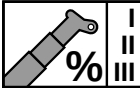


DIN/ISO/EN



* Mit Zusatzhubausrüstung / * With additional lifting equipment

Tragfähigkeiten
Lifting capacities

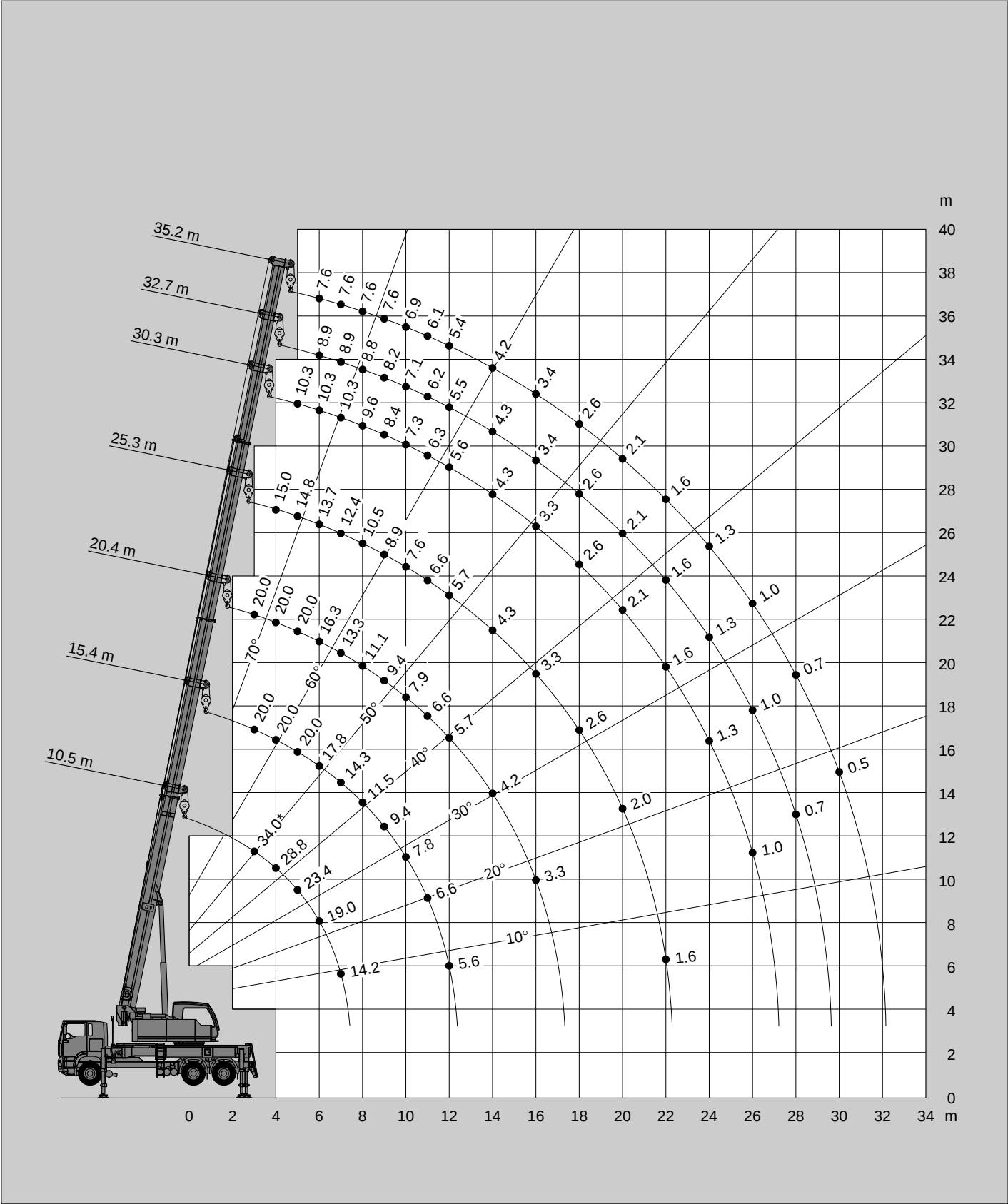
					DIN / ISO / EN		
 m	10.5 m	15.4 m	20.4 m	25.3 m	30.3 m	32.7 m	35.2 m
3.0	34.0*	20.0	20.0	15.0			
3.5	31.0	20.0	20.0	15.0			
4.0	28.8	20.0	20.0	15.0			
4.5	26.1	20.0	20.0	15.0	10.3		
5.0	23.4	20.0	20.0	14.8	10.3		
6.0	19.0	17.8	16.3	13.7	10.3	8.9	7.6
7.0	14.2	14.3	13.3	12.4	10.3	8.9	7.6
8.0		11.5	11.1	10.5	9.6	8.8	7.6
9.0		9.4	9.4	8.9	8.4	8.2	7.6
10.0		7.8	7.9	7.6	7.3	7.1	6.9
11.0		6.6	6.6	6.6	6.3	6.2	6.1
12.0		5.6	5.7	5.7	5.6	5.5	5.4
14.0			4.2	4.3	4.3	4.3	4.2
16.0			3.3	3.3	3.3	3.4	3.4
18.0				2.6	2.6	2.6	2.6
20.0				2.0	2.1	2.1	2.1
22.0				1.6	1.6	1.6	1.6
24.0					1.3	1.3	1.3
26.0					1.0	1.0	1.0
28.0						0.7	0.7
30.0							0.5
 %	I 0	20	40	60	80	90	100
	II 0	20	40	60	80	90	100
	III 0	20	40	60	80	90	100

* Mit Zusatzhubausrüstung / * With additional lifting equipment

Hubhöhen
Lifting heights

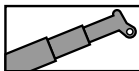
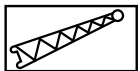
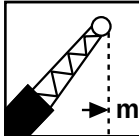
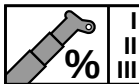


DIN/ISO/EN



* Mit Zusatzhubausrüstung / * With additional lifting equipment

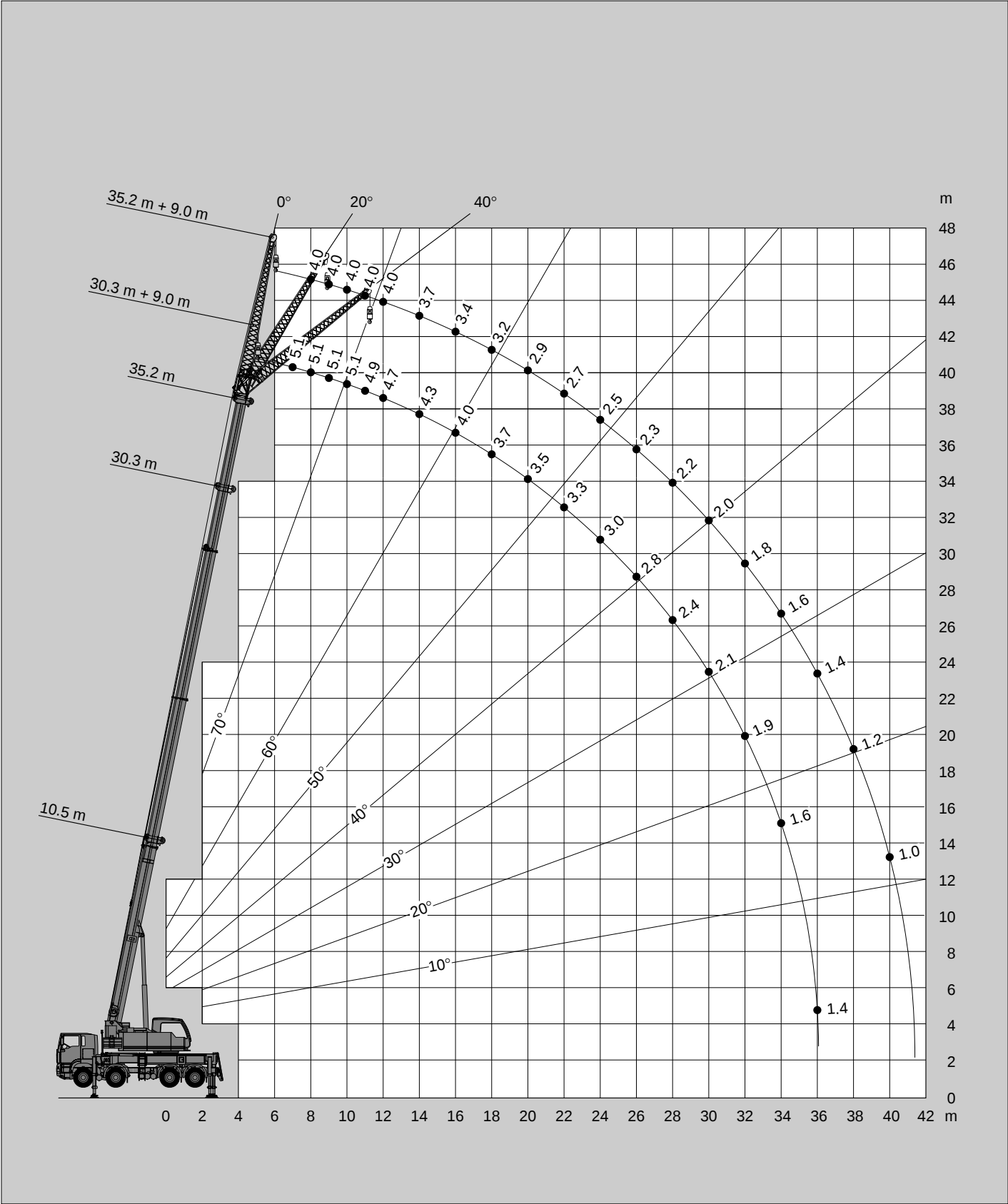
Tragfähigkeiten
Lifting capacities

							+		DIN / ISO / EN	
	10.5 m + 9.0 m			30.3 m + 9.0 m			35.2 m + 9.0 m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
3.0	6.5									
3.5	6.5									
4.0	6.5	6.5								
4.5	6.5	6.5								
5.0	6.5	6.4								
6.0	6.5	6.0		5.1						
7.0	6.5	5.6	4.7	5.1						
8.0	6.4	5.4	4.5	5.1			4.0			
9.0	6.0	5.1	4.4	5.1	4.6		4.0			
10.0	5.6	4.9	4.2	5.1	4.4		4.0			
11.0	5.3	4.6	4.1	4.9	4.2		4.0	3.7		
12.0	5.0	4.4	4.0	4.7	4.1	3.8	4.0	3.5		
14.0	4.6	4.1	3.9	4.3	3.8	3.5	3.7	3.3	3.1	
16.0	4.2	4.0		4.0	3.6	3.3	3.4	3.1	2.9	
18.0				3.7	3.4	3.2	3.2	2.9	2.8	
20.0				3.5	3.2	3.0	2.9	2.8	2.6	
22.0				3.3	3.0	2.9	2.7	2.6	2.5	
24.0				3.0	2.9	2.8	2.5	2.5	2.4	
26.0				2.8	2.8	2.7	2.3	2.3	2.3	
28.0				2.4	2.6	2.6	2.2	2.2	2.2	
30.0				2.1	2.2	2.3	2.0	2.0	2.0	
32.0				1.9	1.9		1.8	1.9	1.9	
34.0				1.6	1.7		1.6	1.7	1.7	
36.0				1.4			1.4	1.4		
38.0							1.2	1.2		
40.0							1.0	1.0		
	I	0			80			100		
	II	0			80			100		
	III	0			80			100		

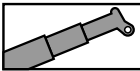
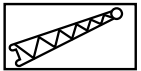
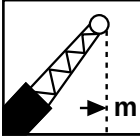
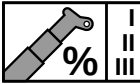
Hubhöhen
Lifting heights



DIN/ISO/EN



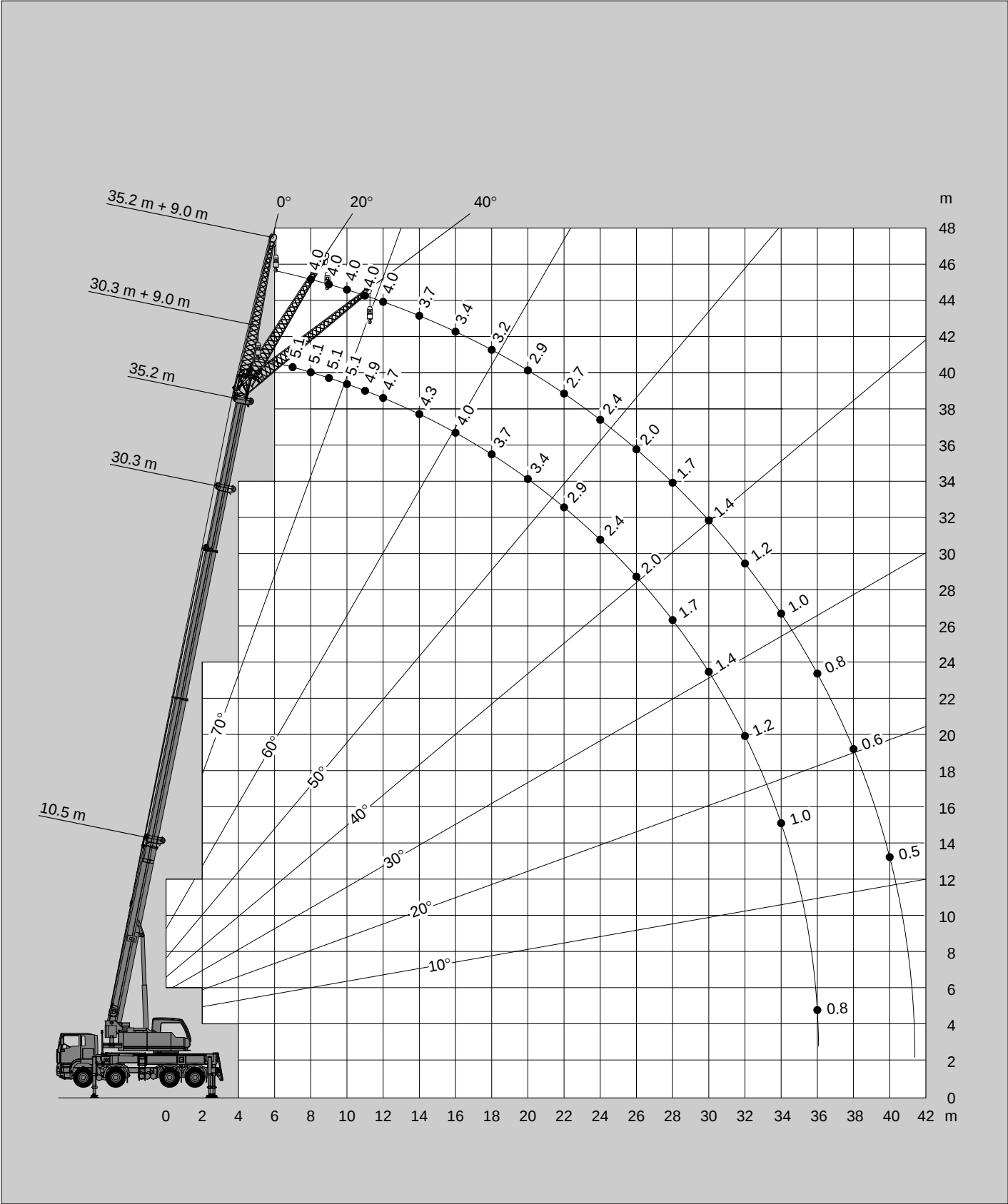
Tragfähigkeiten
Lifting capacities

						+			DIN / ISO / EN
	10.5 m + 9.0 m			30.3 m + 9.0 m			35.2 m + 9.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	6.5								
3.5	6.5								
4.0	6.5	6.5							
4.5	6.5	6.5							
5.0	6.5	6.4							
6.0	6.5	6.0		5.1					
7.0	6.5	5.6	4.7	5.1					
8.0	6.4	5.4	4.5	5.1			4.0		
9.0	6.0	5.1	4.4	5.1	4.6		4.0		
10.0	5.6	4.9	4.2	5.1	4.4		4.0		
11.0	5.3	4.6	4.1	4.9	4.2		4.0	3.7	
12.0	5.0	4.4	4.0	4.7	4.1	3.8	4.0	3.5	
14.0	4.6	4.1	3.9	4.3	3.8	3.5	3.7	3.3	3.1
16.0	4.2	4.0		4.0	3.6	3.3	3.4	3.1	2.9
18.0				3.7	3.4	3.2	3.2	2.9	2.8
20.0				3.4	3.2	3.0	2.9	2.8	2.6
22.0				2.9	3.0	2.9	2.7	2.6	2.5
24.0				2.4	2.6	2.7	2.4	2.5	2.4
26.0				2.0	2.2	2.3	2.0	2.2	2.3
28.0				1.7	1.8	1.9	1.7	1.8	1.9
30.0				1.4	1.5	1.6	1.4	1.5	1.6
32.0				1.2	1.3		1.2	1.3	1.3
34.0				1.0	1.0		1.0	1.0	1.1
36.0				0.8			0.8	0.8	
38.0							0.6	0.7	
40.0							0.5	0.5	
	I	0			80			100	
	II	0			80			100	
	III	0			80			100	

Hubhöhen
Lifting heights

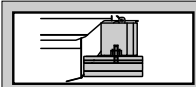


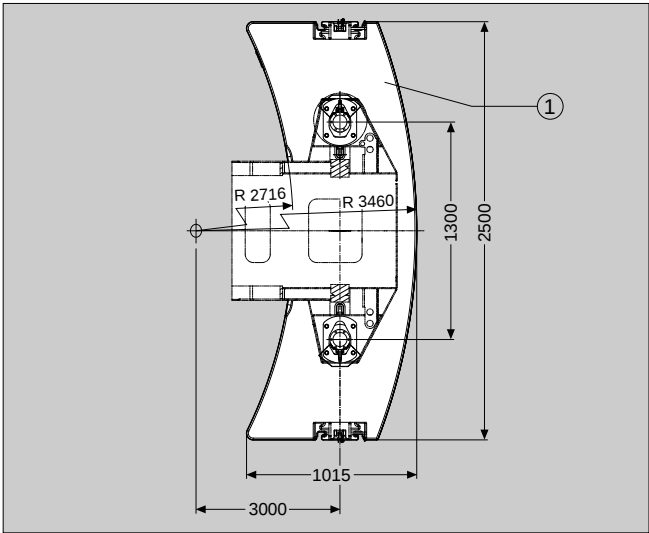
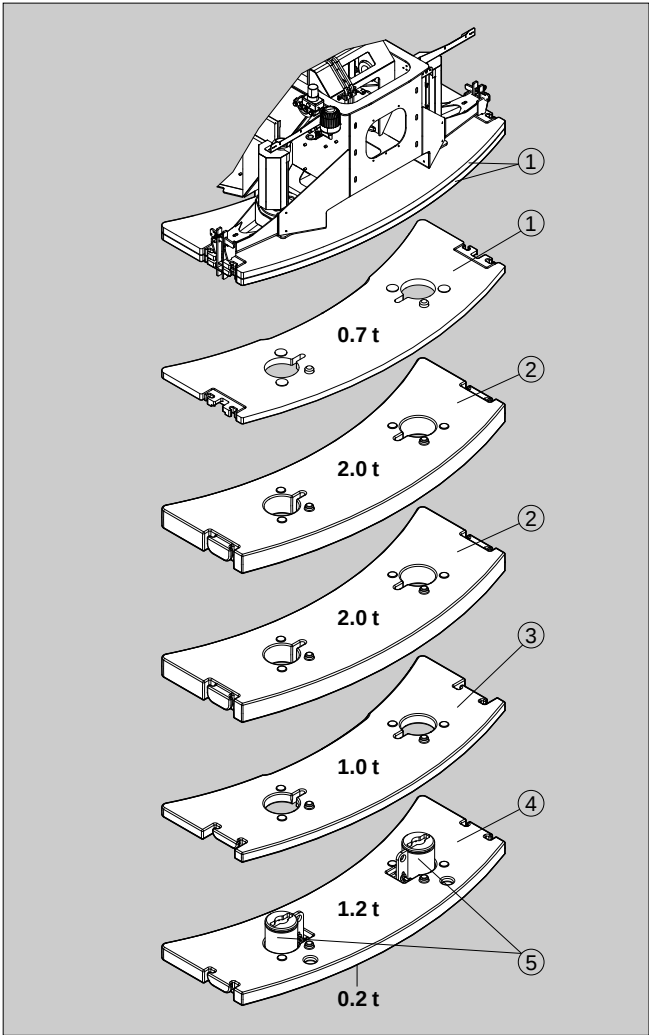
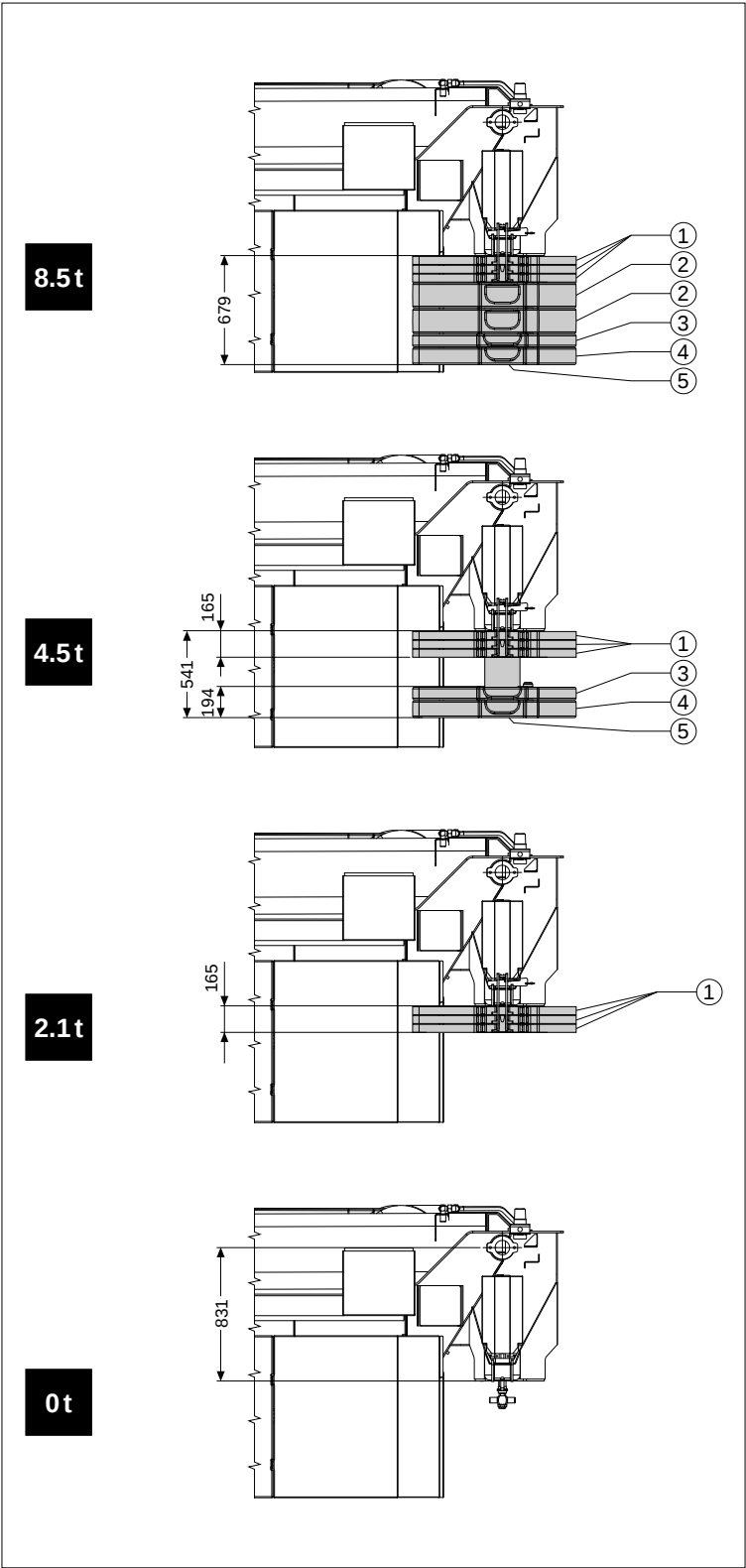
DIN/ISO/EN



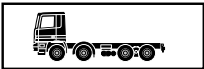
Gegengewichtvarianten
Counterweight versions



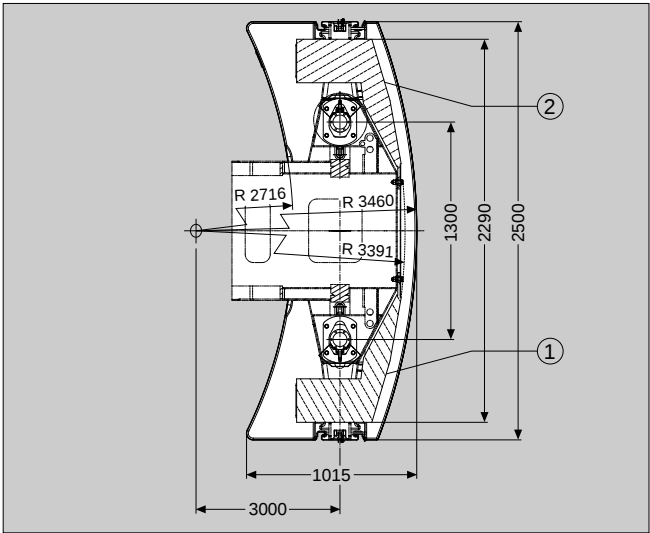
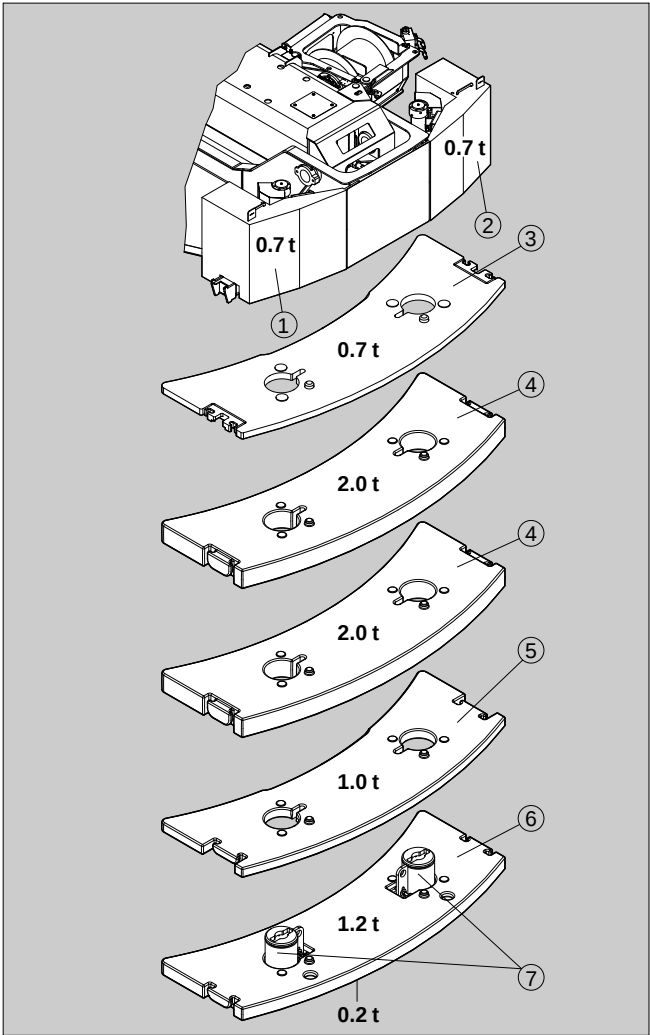
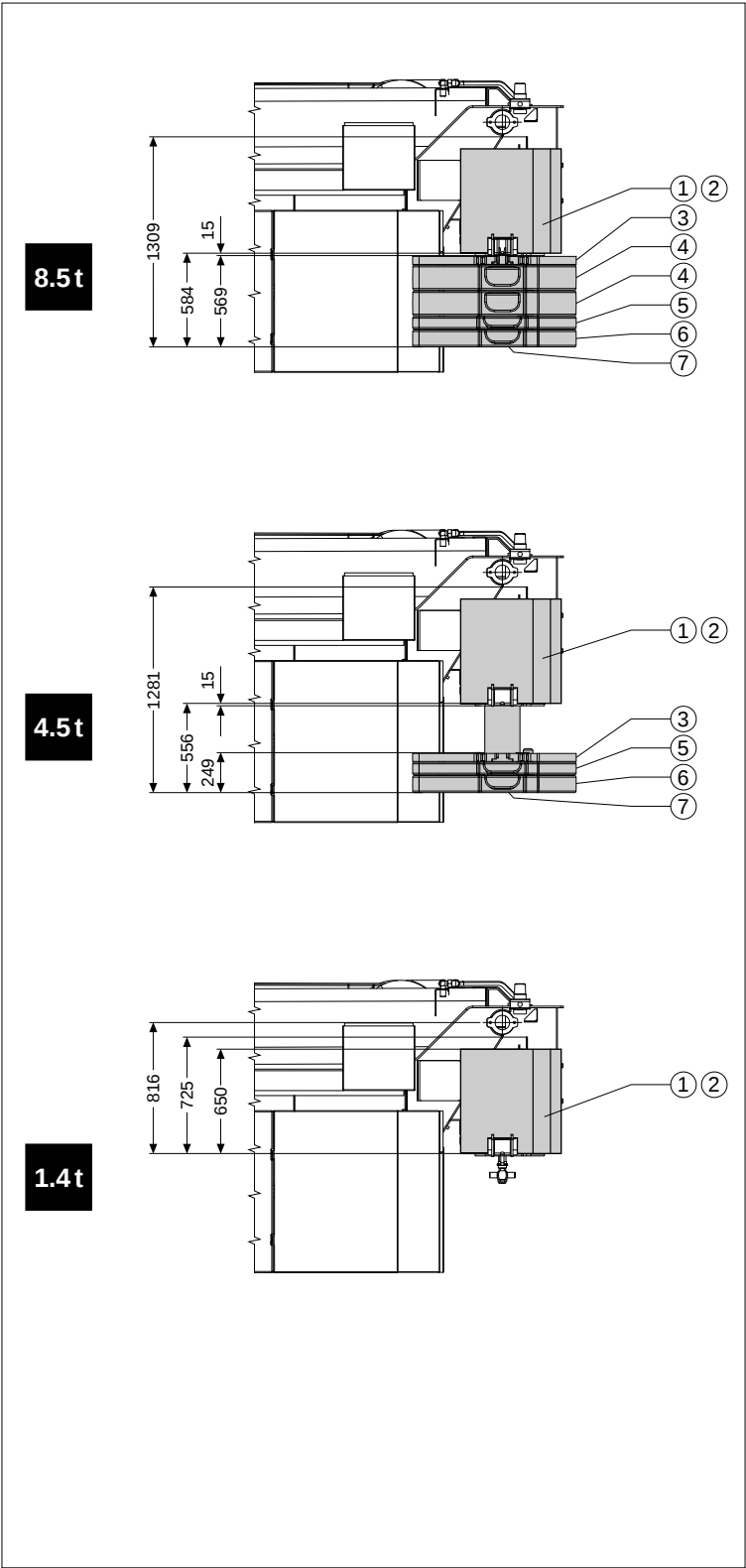
 Gegengewicht / Counterweight	3 x	2 x	1 x	1 x	1 x
	①	②	③	④	⑤
(t)	0.7	2.0	1.0	1.2	0.2

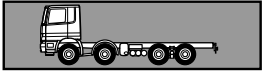


Gegengewichtvarianten
Counterweight versions

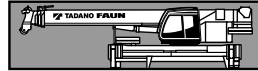


	Gegengewicht / Counterweight	1 x	1 x	1 x	2 x	1 x	1 x	1 x
		①	②	③	④	⑤	⑥	⑦
	(t)	0.7	0.7	0.7	2.0	1.0	1.2	0.2





Fahrgestell 3 oder 4-achsiges handelsübliches Fahrgestell der Hersteller Mercedes-Benz, MAN, DAF, Iveco und Scania. Andere Fahrgestelle auf Anfrage.



Haupttrahmen Verwindungs- und biegesteife Stahlkonstruktion aus hochfestem Feinkornstahl in Kastenbauweise mit Zwischenrahmen zur Befestigung am Trägerfahrzeug.

Abstützung Hydraulische, teleskopierbare 4-Punkt-Abstützung vorne schwenkbar, Bedienungsmöglichkeiten an beiden Seiten des Fahrgestelles und in der Oberwagenkabine. Abstützbasis 6,31 m x 6,49 m und 4,90 m x 6,20 m.

Oberwagenrahmen Verwindungsteife Schweißkonstruktion mit einer außenverzahnten, einreihigen Kugeldrehverbindung, um 360° unbegrenzt drehbar.

Motor Mercedes-Benz 4-Zylinder-Dieselmotor OM 904 LA, wassergekühlt. Drehzahl über Fußpedal stufenlos regelbar, Leistung 88 kW (118 PS) bei 2000 min⁻¹. Drehmoment 470 Nm (48 kpm) bei 1200 min⁻¹. Motorleistung nach DIN 6270B / DIN 6271. Kraftstoffbehälter 150 l.

Hydraulik System Diesel-hydraulisch mit 3-Kreishydraulik, 1 leistungsgeregelte Axialkolbendoppelpumpe (hydraulisch verstellbar) und 1 Zahnrad-Doppelpumpe.

Steuerung Zwei 4-fach Kreuzsteuerhebel mit hydraulischer Vorsteuerung für gleichzeitige, voneinander unabhängige Kranbewegungen.

Teleskopausleger Vierteiliger Teleskopausleger aus hochfestem Feinkornstahl, bestehend aus einem Grundaussleger und 3 Teleskopteilen, einstufigem Teleskopzylinder und Seilen, hydraulisch unter Teillast teleskopierbar. 10,45 m - 35,20 m lang.

Wippwerk Differentialzylinder mit angebautelem 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, dreistufiges Planetengetriebe mit fußbetätigter Betriebsbremse und Feststellung. Drehgeschwindigkeit stufenlos von 0 - 2 min⁻¹.

Gegengewicht Standard 4,5 t teilbar. Die Bedienung erfolgt aus der Oberwagenkabine.

Oberwagenkabine Großräumige Krankabine in Stahl-Kunststoffausführung mit Sicherheitsverglasung mit getönten Scheiben, verstellbarem hydraulisch gedämpftem Fahrersitz, motorunabhängige Warmwasserheizung, Kontroll- und Bedienungselemente für Kranbetrieb, Betätigung der Abstützzylinder vom Oberwagen.

Elektrische Anlage 24 V Gleichstrom, 2 Batterien.

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

Zusatzausrüstung (gegen Mehrpreis) Auslegerverlängerung 9 m, abwinkelbar 0°, 20° und 40°, Zusatzgegengewicht 4 t, 4 t Hakengeschrir, verschiedene Unterflaschen, Motorvorwärmung, Klimaanlage, Drehbereichsbegrenzung, Sonderlackierung und Beschriftung. Weitere Zusatzausrüstung auf Anfrage.

Anmerkungen zu den Traglasttabellen

Die Tragfähigkeiten im Festigkeitsbereich basieren auf DIN 15018 Teil 3 / F.E.M. / EN 13000.

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.

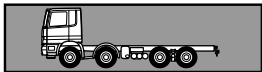
Das Gewicht des Lasthakens bzw. der Hakenflasche und weiterer Anschlagmittel ist von der Tragfähigkeit abzuziehen.

Die Tragfähigkeiten für den Teleskopausleger gelten nur bei demontierter Spitze.

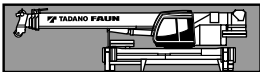
Die Ausladung ist der horizontale Abstand von Mitte Drehkranz bis Mitte freihängender, nicht schwingender Last.

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.



Chassis 3 or 4 axle Mercedes-Benz, MAN, DAF, Iveco or Scania chassis.
Other chassis on request.



Main frame Torsion-resistant, steel construction made from high strength, fine-grained steel. Specially designed for the type of chassis selected.

Outriggers Hydraulically extendable 4 point outriggers front slewable with controls on both sides of carrier and in superstructure cab.
Outrigger base 6.31 m x 6.49 m and 4.90 m x 6.20 m.

Frame Torsion-resistant all-welded structure with a single-row ball slewing ring with external gearing for 360° continuous rotation.

Superstructure engine Mercedes-Benz 4 cylinder model OM 904 LA, water cooled, diesel engine.
Engine speed infinitely controlled via pedal.
Rated at 88 kW (118 HP) at 2000 min⁻¹. Torque 470 Nm (48 kpm) at 1200 min⁻¹. Engine rating according to DIN 6270B / DIN 6271. Fuel tank 150 l.

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

Controls Hydraulic, 2 joy-stick levers for simultaneous and independent operation of 4 crane motions.

Telescopic boom 4 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 3 telescoping sections, single telescopic cylinder and ropes.
All telescope sections extendable under partial load.
10.45 m to 35.20 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 three-stage planetary reduction with a foot actuated service and a parking brake.
Speed infinitely variable 0 - 2 min⁻¹.

Counterweight Standard 4.5 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 with hydraulically cushioned adjustable seat, engine independent hot-water heater, complete controls and instrumentation for crane operation, outrigger cylinders controlled from superstructure cab.

Electrical system 24 volt DC system, 2 batteries.

Safety devices Load moment device (LMD), 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 extension 9 m long, offsets 0°, 20° and 40°, additional counterweight 4 t, 4 t swivel hook, selection of hook blocks, engine pre-heat, air conditioning, slewing area limitation, special painting and lettering.

Further optional equipment available upon request.

Remarks concerning the load charts

The lifting capacities in the structural area are based on DIN 15018 part 3 / FE.M. / EN 13000.

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 are shown in metric tons.

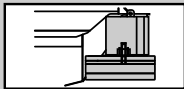
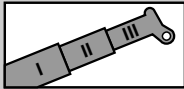
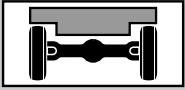
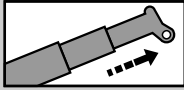
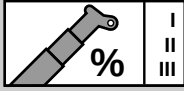
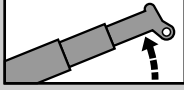
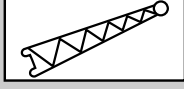
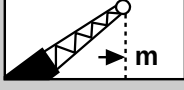
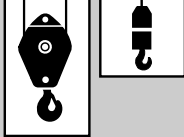
The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.

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.

DIN/ISO/EN	Siehe Seite 20 As on Page 21	8.5t	Gegengewicht Counterweight
	Abstützung Outriggers		Gegengewichtvarianten Counterweight versions
	Getriebe / Gang Transmission / Gear		Teleskopausleger Telescopic boom
	Achslast Axle load		Teleskopieren Boom telescoping
	Achsen / Anzahl Axles / Number		Teleskopieren in % Boom telescoping in %
	Räder / Größe Tyres / Size		Wippwerk Derricking system
	Gelände Off road		Ausladung Radius
	Straße On road		Auslegerverlängerung Boom extension
V+	Geschwindigkeiten Speeds		Ausladung Radius
	Steigfähigkeit Gradeability		Hubwerk Main winch
	Drehwerk Slewing system		Unterflasche / Hakengeschirr Hook block / Swivel hook