TADANO

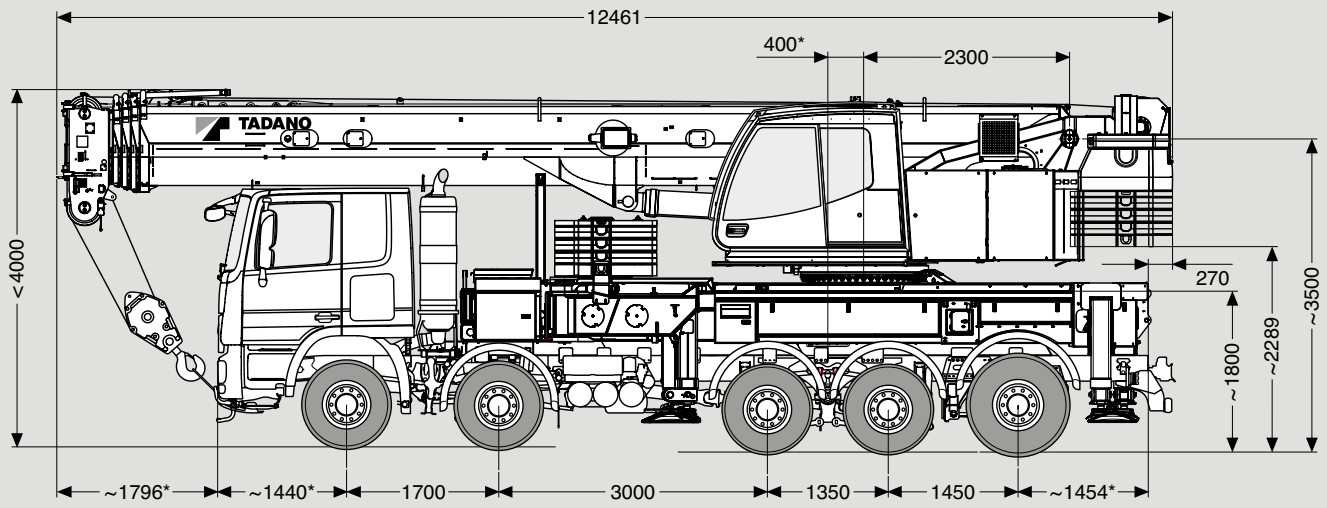
TRUCK CRANE

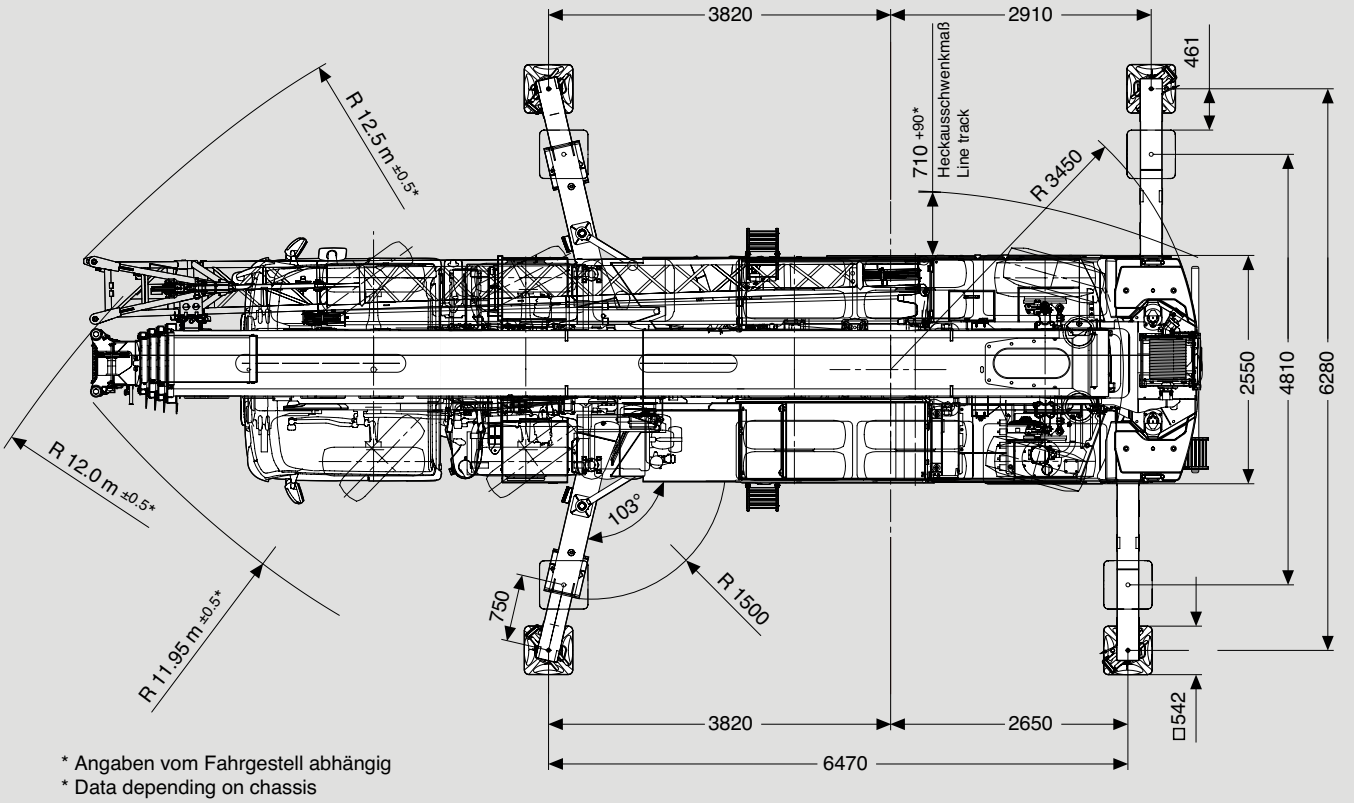
HK 70

70 METRISCHE TONNEN TRAGLAST / 70 METRIC TON CAPACITY

Maße (mm)
Dimensions (mm)

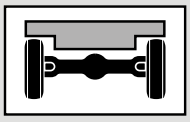
DIN / ISO / EN



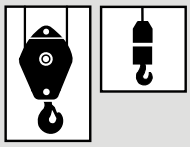


* Angaben vom Fahrgestell abhängig
* Data depending on chassis

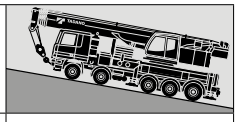
Gewichte / Geschwindigkeiten
Weights / Working speeds

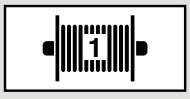
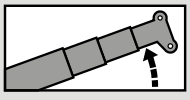
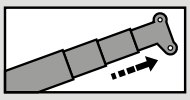
	Achse / Axle	1	2	3	4	Gesamtgewicht / Total weight
	5-  (t)	≤ 9*	≤ 9*	≤ 12*	≤ 12*	≤ 54*

** Abhängig vom Fahrgestell und Optionen, incl. 15,2 t Gegengewicht, 9 m / 16 m Auslegerverlängerung, 32 t Unterflasche.*
** Depending on chassis and options, incl. 15,2 t counterweight, 9 m / 16 m boom extension 32 t hook block.*

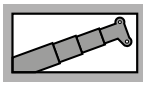
	Traglast / Lifting capacity	Rollen / Sheaves	Stränge / Parts of line	Gewicht / Weight
	47.5 t (Typ / Type / Typo 50)	5	11	475 kg
	30.5 t (Typ / Type / Typo 32)	3	7	300 kg
	12.5 t (Typ / Type / Typo 12.5)	1	3	200 kg
	4.5 t (Typ / Type / Typo 6)	–	1	150 kg

V+ 

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

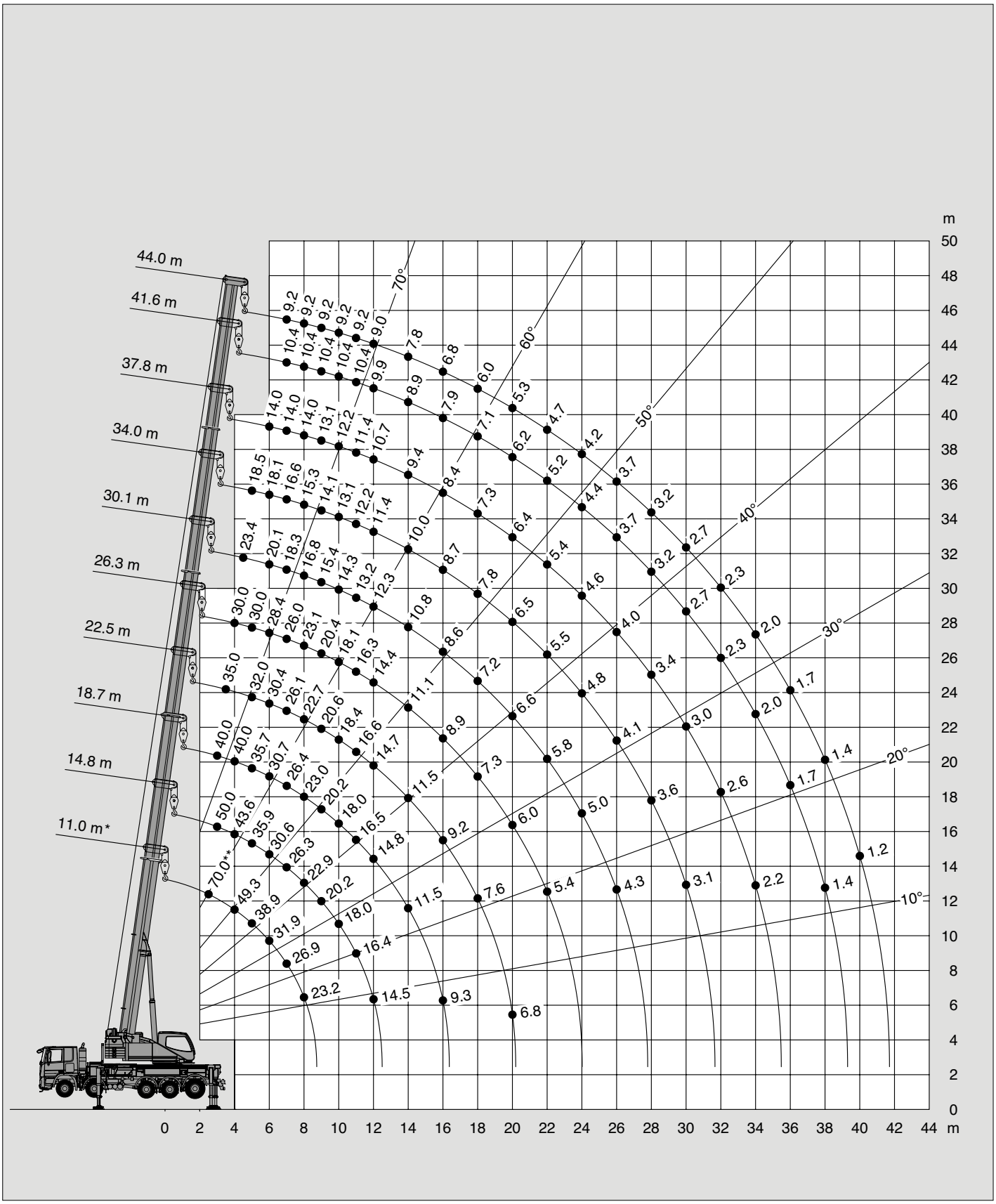
V+ 	Stufenlos Infinitely variable		Seil Rope	Max. Seilzug Max. single line pull
	0 - 130 m/min	für einfachen Strang single line	16 mm / 205 m	44 kN
	0 - 2 min $^{-1}$			
	- 2° – + 82°	ca. 33 s approx. 33 s		
	11.0 m – 44.0 m	ca. 230 s approx. 230 s		

Hubhöhen
Lifting heights



15.2t

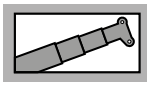
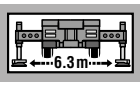
DIN / ISO / EN



** Nach hinten / * Over rear*

*** Mit Zusatzhubausrüstung / ** With additional lifting equipment*

Tragfähigkeiten
Lifting capacities

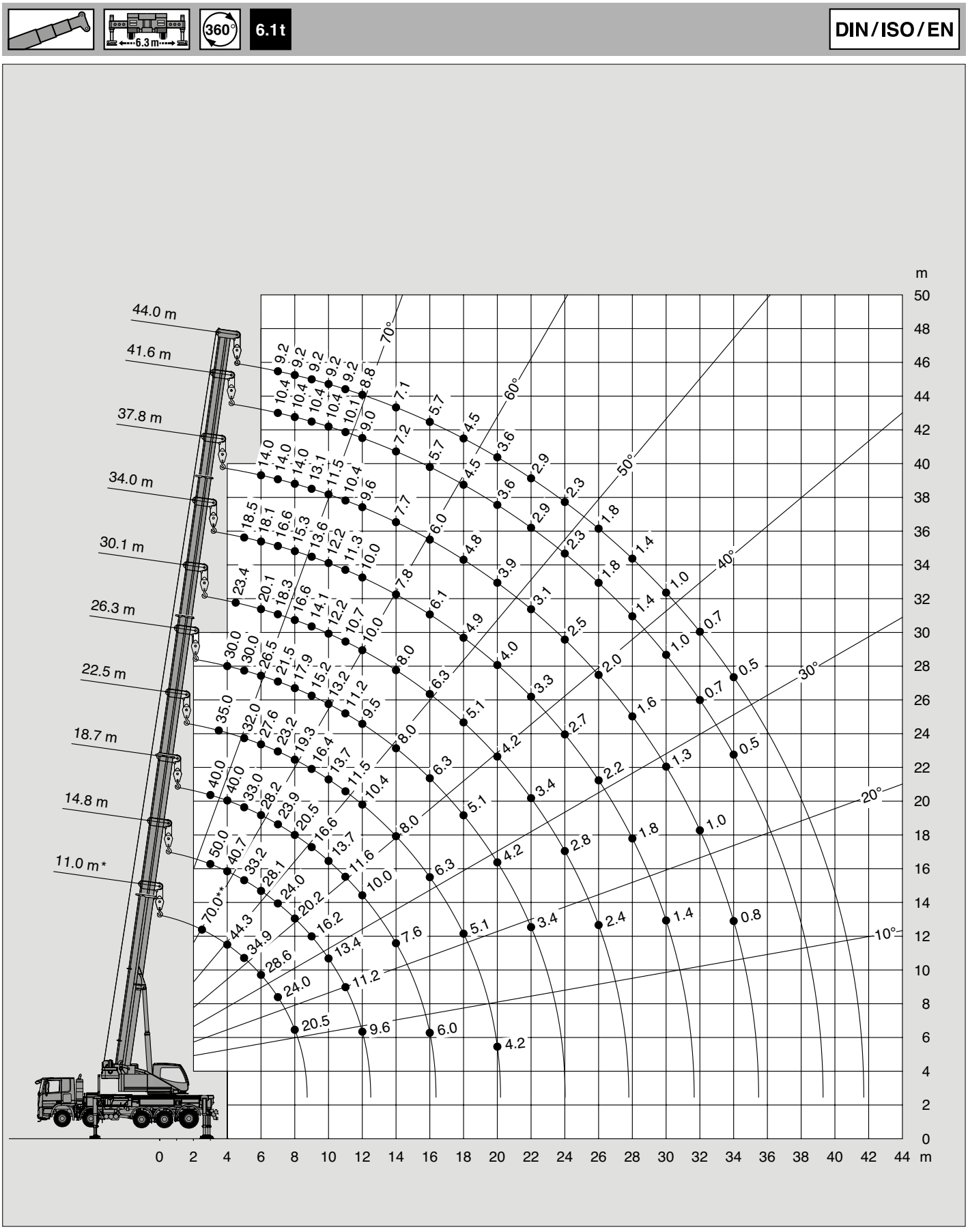



15.2t **DIN / ISO / EN**

m	11.0 m*	11.0 m	14.8 m	18.7 m	22.5 m	26.3 m	30.1 m	34.0 m	37.8 m	41.6 m	44.0 m
2.5	70.0**										
3.0	63.6**	54.7	50.0	40.0							
3.5	56.7**	48.7	48.6	40.0	35.0						
4.0	49.3	43.7	43.6	40.0	34.9	30.0					
4.5	43.5	39.5	39.4	39.3	33.2	30.0	23.4				
5.0	38.9	36.0	35.9	35.7	32.0	30.0	22.2	18.5			
6.0	31.9	30.3	30.6	30.7	30.4	28.4	20.1	18.1	14.0		
7.0	26.9	26.0	26.3	26.4	26.1	26.0	18.3	16.6	14.0	10.4	9.2
8.0	23.2	22.6	22.9	23.0	22.7	23.1	16.8	15.3	14.0	10.4	9.2
9.0			20.2	20.2	20.6	20.4	15.4	14.1	13.1	10.4	9.2
10.0			18.0	18.0	18.4	18.1	14.3	13.1	12.2	10.4	9.2
11.0			16.4	16.5	16.6	16.3	13.2	12.2	11.4	10.4	9.2
12.0			14.5	14.8	14.7	14.4	12.3	11.4	10.7	9.9	9.0
14.0				11.5	11.5	11.1	10.8	10.0	9.4	8.9	7.8
16.0				9.3	9.2	8.9	8.6	8.7	8.4	7.9	6.8
18.0					7.6	7.3	7.2	7.8	7.3	7.1	6.0
20.0					6.8	6.0	6.6	6.5	6.4	6.2	5.3
22.0						5.4	5.8	5.5	5.4	5.2	4.7
24.0							5.0	4.8	4.6	4.4	4.2
26.0							4.3	4.1	4.0	3.7	3.7
28.0								3.6	3.4	3.2	3.2
30.0								3.1	3.0	2.7	2.7
32.0									2.6	2.3	2.3
34.0									2.2	2.0	2.0
36.0										1.7	1.7
38.0										1.4	1.4
40.0											1.2

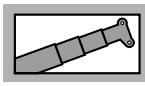
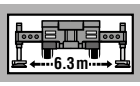
** Nach hinten / * Over rear*
*** Mit Zusatzhubausrüstung / ** With additional lifting equipment*

Hubhöhen
Lifting heights



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

Tragfähigkeiten
Lifting capacities

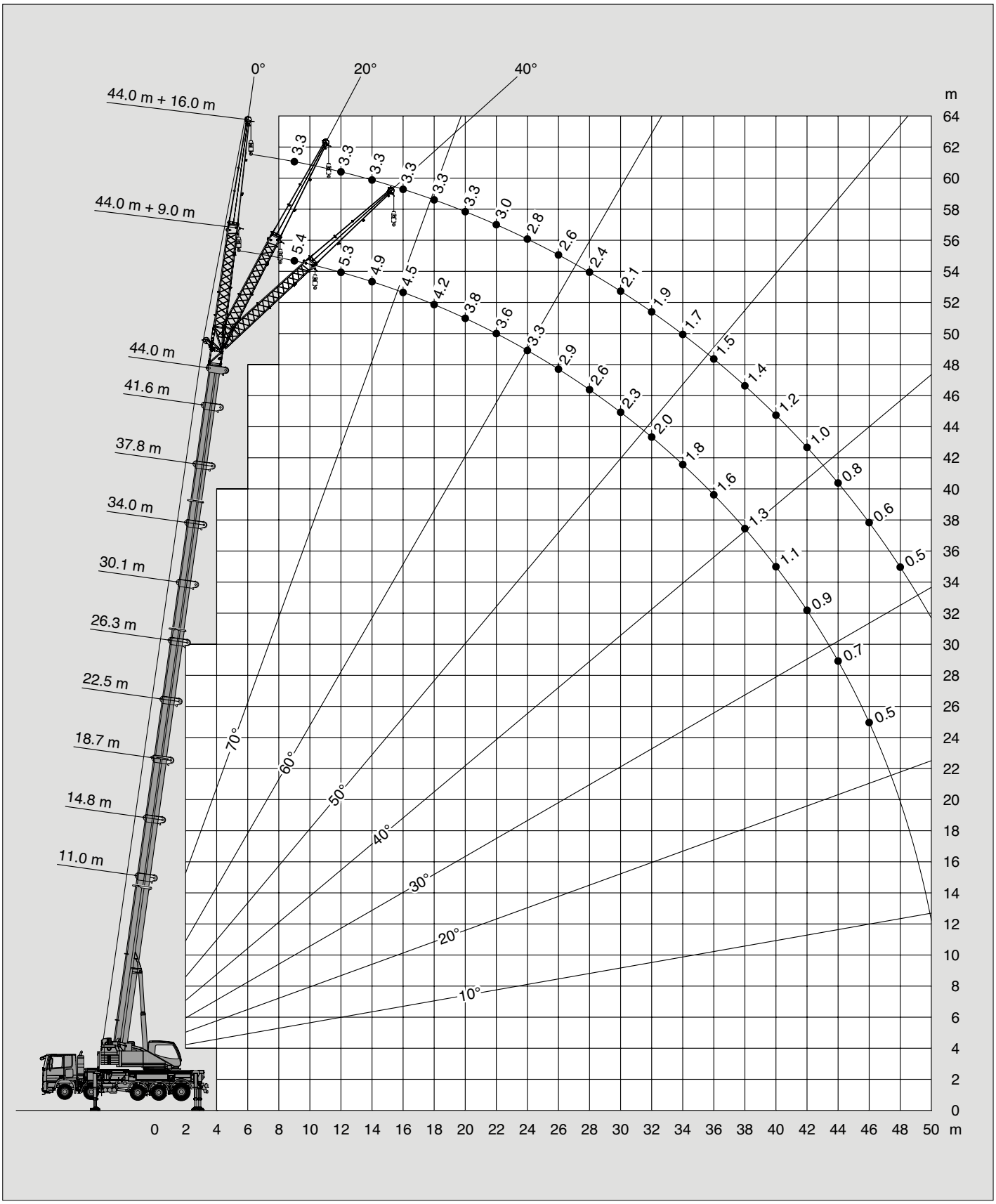



6.1t **DIN / ISO / EN**

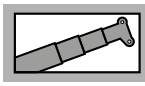
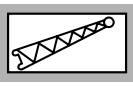
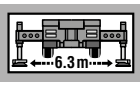
m	11.0 m*	11.0 m	14.8 m	18.7 m	22.5 m	26.3 m	30.1 m	34.0 m	37.8 m	41.6 m	44.0 m
2.5	70.0**										
3.0	59.9**	51.6	50.0	40.0							
3.5	51.0	45.6	45.6	40.0	35.0						
4.0	44.3	40.8	40.7	40.0	34.9	30.0					
4.5	39.1	36.7	36.6	36.4	33.2	30.0	23.4				
5.0	34.9	33.2	33.2	33.0	32.0	30.0	22.2	18.5			
6.0	28.6	27.8	28.1	28.2	27.6	26.5	20.1	18.1	14.0		
7.0	24.0	23.6	24.0	23.9	23.2	21.5	18.3	16.6	14.0	10.4	9.2
8.0	20.5	19.3	20.2	20.5	19.3	17.9	16.6	15.3	14.0	10.4	9.2
9.0			16.2	16.6	16.4	15.2	14.1	13.6	13.1	10.4	9.2
10.0			13.4	13.7	13.7	13.2	12.2	12.2	11.5	10.4	9.2
11.0			11.2	11.6	11.5	11.2	10.7	11.3	10.4	10.1	9.2
12.0			9.6	10.0	10.4	9.5	10.0	10.0	9.6	9.0	8.8
14.0				7.6	8.0	8.0	8.0	7.8	7.7	7.2	7.1
16.0				6.0	6.3	6.3	6.3	6.1	6.0	5.7	5.7
18.0					5.1	5.1	5.1	4.9	4.8	4.5	4.5
20.0					4.2	4.2	4.2	4.0	3.9	3.6	3.6
22.0						3.4	3.4	3.3	3.1	2.9	2.9
24.0							2.8	2.7	2.5	2.3	2.3
26.0							2.4	2.2	2.0	1.8	1.8
28.0								1.8	1.6	1.4	1.4
30.0								1.4	1.3	1.0	1.0
32.0									1.0	0.7	0.7
34.0									0.8	0.5	0.5
36.0											

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

Hubhöhen
Lifting heights



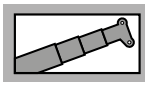
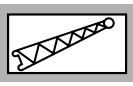
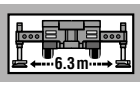
Tragfähigkeiten
Lifting capacities

15.2t **DIN / ISO / EN**

m	11.0 m + 9.0 m			30.1 m + 9.0 m			41.6 m + 9.0 m			44.0 m + 9.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	10.5*											
3.5	10.5*											
4.0	10.5*	10.5*										
4.5	10.5*	10.5*		10.5*								
5.0	10.5*	10.5*		10.5*								
6.0	10.5*	10.5*	8.9*	10.5*								
7.0	10.5*	9.9*	8.5	10.5*			6.0					
8.0	10.5*	9.4*	8.1	10.1*	8.1		6.0			5.4		
9.0	10.4*	8.9*	7.8	9.6*	7.7		6.0			5.4		
10.0	9.5*	8.5	7.5	9.0*	7.3	6.4	6.0			5.4		
11.0	8.7	8.2	7.2	8.5	7.0	6.1	6.0	5.4		5.4	5.1	
12.0	8.1	7.8	7.0	8.1	6.7	5.9	5.7	5.2		5.3	4.9	
14.0	7.1	7.2	6.7	7.3	6.2	5.5	5.2	4.9	4.4	4.9	4.6	4.3
16.0	6.3	6.8		6.7	5.8	5.2	4.8	4.5	4.2	4.5	4.3	4.0
18.0				6.0	5.4	4.9	4.4	4.3	3.9	4.2	4.0	3.8
20.0				5.4	5.1	4.7	4.1	4.0	3.7	3.8	3.8	3.6
22.0				4.8	4.8	4.5	3.8	3.7	3.5	3.6	3.5	3.4
24.0				4.3	4.4	4.3	3.6	3.5	3.4	3.3	3.3	3.2
26.0				3.6	3.8	4.0	3.2	3.3	3.2	2.9	3.0	3.0
28.0				3.1	3.2	3.4	2.9	3.0	3.0	2.6	2.7	2.7
30.0				2.6	2.8	2.8	2.6	2.7	2.8	2.3	2.4	2.4
32.0				2.2	2.3		2.3	2.4	2.5	2.0	2.2	2.2
34.0				1.9	1.9		2.0	2.1	2.2	1.8	1.9	2.0
36.0				1.6			1.6	1.8	1.9	1.6	1.7	1.8
38.0							1.4	1.5	1.6	1.3	1.5	1.5
40.0							1.1	1.2	1.3	1.1	1.2	1.3
42.0							0.9	1.0		0.9	1.0	1.0
44.0							0.7	0.8		0.7	0.8	
46.0							0.6	0.6		0.5	0.6	

** Mit Zusatzhubausrüstung / * With additional lifting equipment*

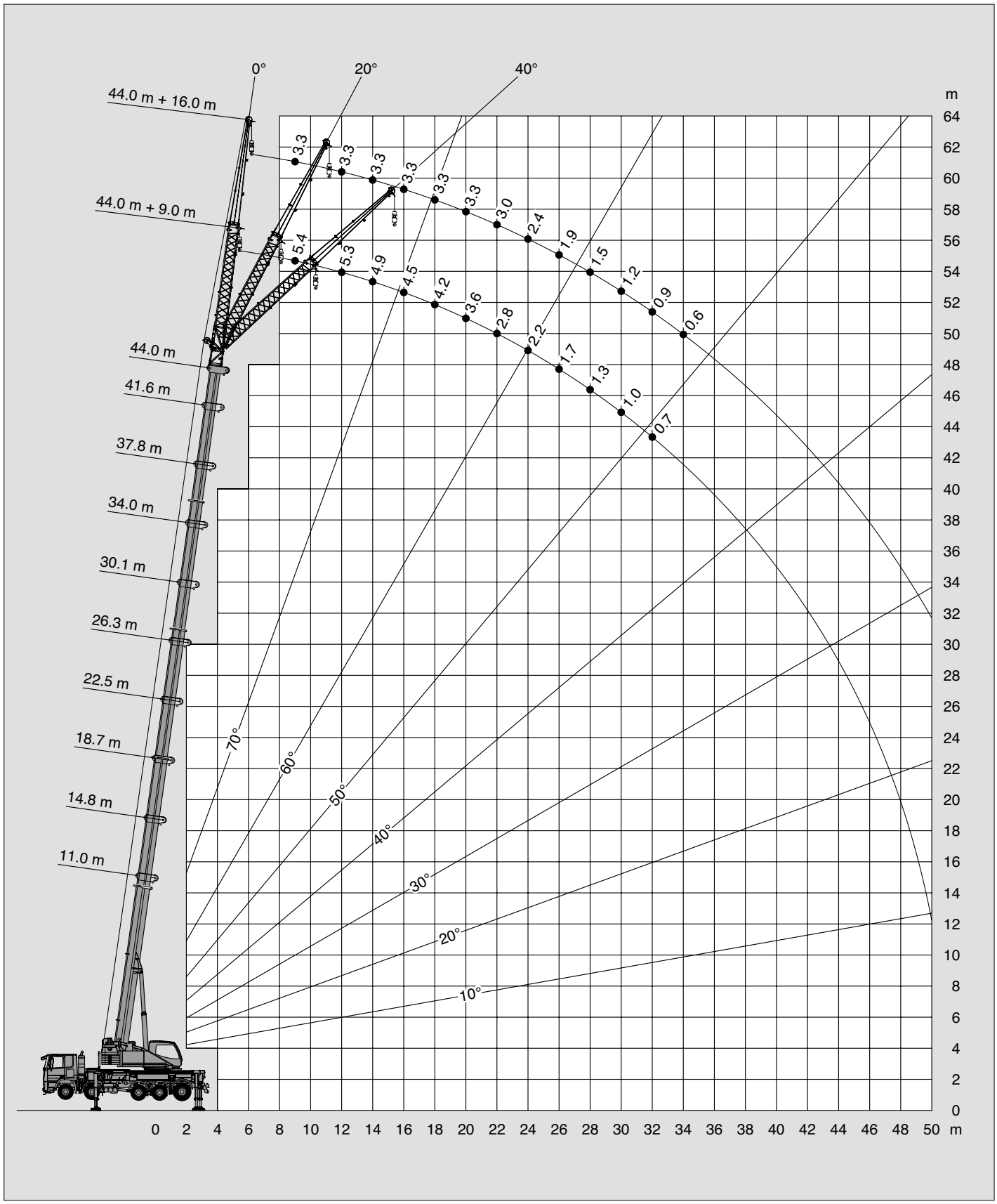
15.2t **DIN / ISO / EN**

m	11.0 m + 16.0 m			30.1 m + 16.0 m			41.6 m + 16.0 m			44.0 m + 16.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	7.9											
3.5	7.9											
4.0	7.9											
4.5	7.9											
5.0	7.9											
6.0	7.6			4.8								
7.0	7.2			4.8								
8.0	6.7	5.4		4.8			3.5					
9.0	6.3	5.1		4.8			3.5			3.3		
10.0	5.9	4.9		4.8			3.5			3.3		
11.0	5.6	4.7		4.8			3.5			3.3		
12.0	5.3	4.4	3.9	4.8	4.6		3.5			3.3		
14.0	4.7	4.1	3.7	4.8	4.4		3.5			3.3		
16.0	4.2	3.8	3.4	4.8	4.2	3.5	3.5	3.5		3.3		
18.0	3.7	3.5	3.3	4.8	4.0	3.4	3.5	3.3		3.3	3.1	
20.0	3.4	3.3	3.2	4.6	3.8	3.3	3.5	3.1		3.3	3.0	2.8
22.0	3.1	3.2	3.1	4.3	3.6	3.2	3.2	2.9	2.7	3.0	2.8	2.6
24.0	2.8	3.1		4.1	3.5	3.1	3.0	2.8	2.6	2.8	2.7	2.5
26.0				3.7	3.3	3.0	2.8	2.7	2.5	2.6	2.5	2.4
28.0				3.4	3.2	2.9	2.7	2.6	2.4	2.4	2.4	2.3
30.0				2.9	3.0	2.8	2.5	2.4	2.3	2.1	2.2	2.2
32.0				2.5	2.8	2.7	2.2	2.3	2.2	1.9	2.0	2.1
34.0				2.1	2.4	2.6	2.0	2.2	2.1	1.7	1.8	1.9
36.0				1.8	2.0	2.2	1.8	2.0	2.0	1.5	1.6	1.7
38.0				1.6	1.7		1.5	1.8	1.9	1.4	1.5	1.5
40.0				1.3	1.5		1.3	1.5	1.7	1.2	1.3	1.4
42.0				1.1	1.2		1.1	1.3	1.4	1.0	1.2	1.3
44.0				1.0			0.9	1.1	1.2	0.8	1.0	1.1
46.0							0.7	0.8	0.9	0.6	0.8	0.9
48.0							0.5	0.7		0.5	0.6	0.7
50.0								0.5			0.5	

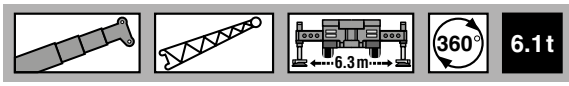
Hubhöhen
Lifting heights

6.1t

DIN / ISO / EN



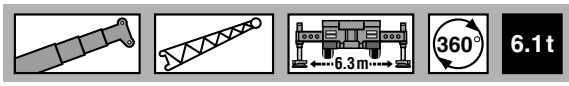
Tragfähigkeiten
Lifting capacities



6.1t **DIN / ISO / EN**

m	11.0 m + 9.0 m			30.1 m + 9.0 m			41.6 m + 9.0 m			44.0 m + 9.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	10.5*											
3.5	10.5*											
4.0	10.5*	10.5*										
4.5	10.5*	10.5*		10.5*								
5.0	10.5*	10.5*		10.5*								
6.0	10.5*	10.5*	8.9*	10.5*								
7.0	10.5*	9.9*	8.5	10.5*			6.0					
8.0	10.5*	9.4*	8.1	10.1*	8.1		6.0			5.4		
9.0	10.4*	8.9*	7.8	9.6*	7.7		6.0			5.4		
10.0	9.5*	8.5	7.5	9.0*	7.3	6.4	6.0			5.4		
11.0	8.7	8.2	7.2	8.5	7.0	6.1	6.0	5.4		5.4	5.1	
12.0	8.1	7.8	7.0	8.1	6.7	5.9	5.7	5.2		5.3	4.9	
14.0	7.1	7.2	6.7	7.3	6.2	5.5	5.2	4.9	4.4	4.9	4.6	4.3
16.0	6.3	6.8		5.6	5.8	5.2	4.8	4.5	4.2	4.5	4.3	4.0
18.0				4.4	4.8	4.9	4.4	4.3	3.9	4.2	4.0	3.8
20.0				3.5	3.9	4.1	3.6	4.0	3.7	3.6	3.8	3.6
22.0				2.7	3.1	3.3	2.9	3.2	3.5	2.8	3.2	3.4
24.0				2.1	2.4	2.6	2.3	2.6	2.8	2.2	2.6	2.8
26.0				1.7	1.9	2.0	1.8	2.0	2.2	1.7	2.0	2.2
28.0				1.2	1.4	1.5	1.4	1.6	1.8	1.3	1.6	1.8
30.0				0.9	1.1	1.1	1.0	1.2	1.4	1.0	1.2	1.4
32.0				0.6	0.7		0.7	0.9	1.0	0.7	0.9	1.0
34.0					0.5		0.5	0.6	0.7		0.6	0.7
36.0									0.5			

** Mit Zusatzhubausrüstung / * With additional lifting equipment*



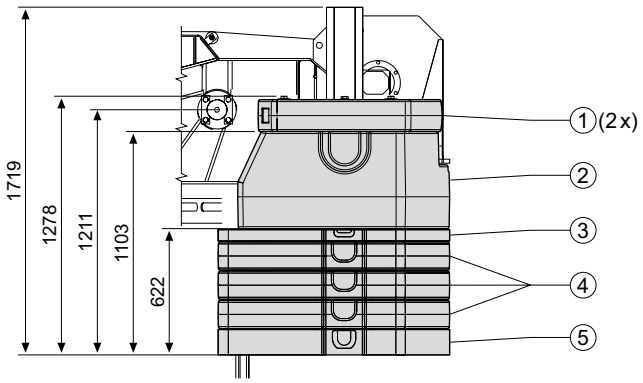
6.1t **DIN / ISO / EN**

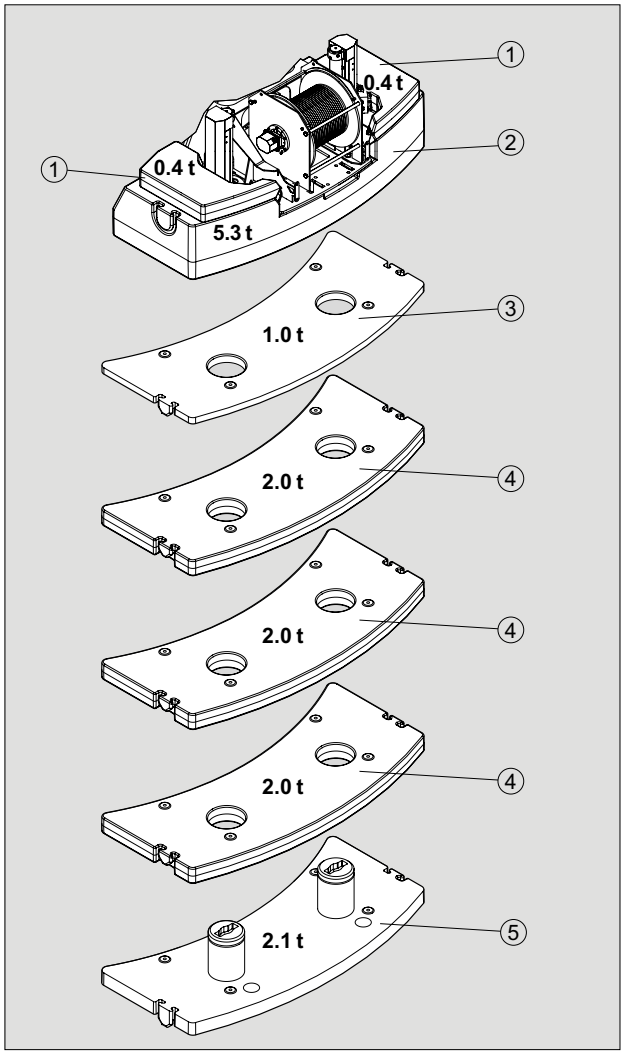
m	11.0 m + 16.0 m			30.1 m + 16.0 m			41.6 m + 16.0 m			44.0 m + 16.0 m		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
3.0	7.9											
3.5	7.9											
4.0	7.9											
4.5	7.9											
5.0	7.9											
6.0	7.6			4.8								
7.0	7.2			4.8								
8.0	6.7	5.4		4.8			3.5					
9.0	6.3	5.1		4.8			3.5			3.3		
10.0	5.9	4.9		4.8			3.5			3.3		
11.0	5.6	4.7		4.8			3.5			3.3		
12.0	5.3	4.4	3.9	4.8	4.6		3.5			3.3		
14.0	4.7	4.1	3.7	4.8	4.4		3.5			3.3		
16.0	4.2	3.8	3.4	4.8	4.2	3.5	3.5	3.5		3.3		
18.0	3.7	3.5	3.3	4.8	4.0	3.4	3.5	3.3		3.3	3.1	
20.0	3.4	3.3	3.2	3.9	3.8	3.3	3.5	3.1		3.3	3.0	2.8
22.0	3.1	3.2	3.1	3.1	3.6	3.2	3.1	2.9	2.7	3.0	2.8	2.6
24.0	2.8	3.1		2.5	3.0	3.1	2.5	2.8	2.6	2.4	2.7	2.5
26.0				2.0	2.5	2.8	2.0	2.5	2.5	1.9	2.5	2.4
28.0				1.6	2.0	2.3	1.6	2.0	2.4	1.5	2.0	2.3
30.0				1.2	1.6	1.8	1.2	1.6	2.0	1.2	1.6	1.9
32.0				0.9	1.2	1.5	0.9	1.3	1.6	0.9	1.2	1.5
34.0				0.7	0.9	1.1	0.6	1.0	1.2	0.6	0.9	1.2
36.0					0.7	0.8		0.7	0.9		0.7	0.9
38.0								0.5	0.7			0.6

Gegengewichtvarianten
Counterweight versions

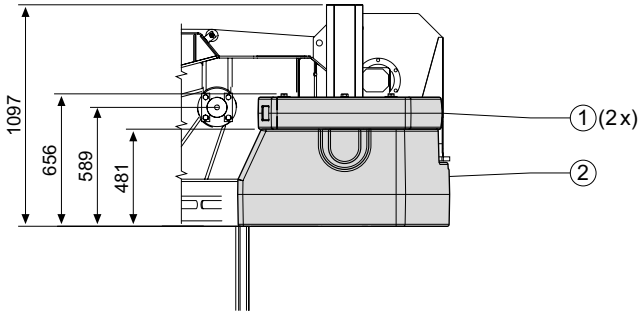
	Gegengewicht / Counterweight	2 x	1 x	1 x	3 x	1 x
		①	②	③	④	⑤
	(t)	0.4	5.3	1.0	2.0	2.1

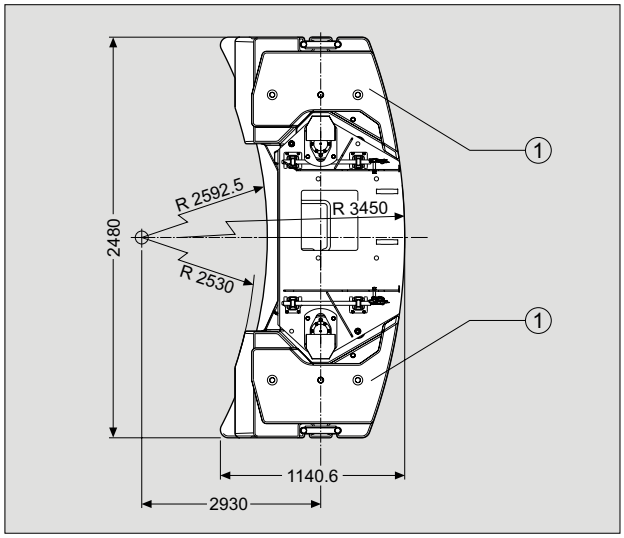
15.2 t

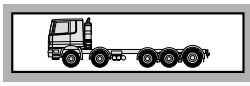




6.1 t







Fahrgestell 5-achsiges Fahrgestell der Typen Mercedes-Benz, MAN, Scania und Volvo.

Weitere 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.

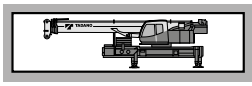
Das Gewicht des Lasthakens bzw. der Hakenflasche und weiterer Anschlagmittel ist von der Tragfähigkeit abzuziehen.

Die Tragfähigkeiten für den Teleskopausleger gelten nur bei demontierter Auslegerverlängerung.

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.



Hauptrahmen Verwindungs- und biegesteife Stahlkonstruktion aus hochfestem Feinkornstahl in Kastenbauweise zur Befestigung am Trägerfahrzeug.

Abstützung Hydraulische, teleskopierbare 4-Punkt-Abstützung vorne schwenkbar, Bedienungsmöglichkeiten an beiden Seiten des Fahrgestelles und in der Oberwagenkabine.
Abstützbasis: längs - ca. 6,5 m / quer - 6,3 m.

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

Motor Mercedes-Benz 4-Zylinder-Dieselmotor OM 904 LA (Euromot III A / EPA Tier 3), wassergekühlt. Drehzahl über Fußpedal stufenlos regelbar, Leistung 90 kW (122 PS) bei 2200 min^{-1}. Drehmoment 470 Nm (48 kpm) bei 1200 - 1600 min^{-1}.
Motorleistung nach DIN 6270B / DIN 6271.
Kraftstoffbehälter 200 l.

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

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

Teleskopausleger Fünfteiliger Teleskopausleger aus hochfestem Feinkornstahl, bestehend aus einem Grundausleger und 4 Teleskopteilen, 1 Teleskopzylinder, hydraulisch unter Teillast teleskopierbar. 11,0m - 44,0 m lang. Rollenkopf mit 6 Seilrollen.

Wippwerk Differentialzylinder mit angebautem Senkbremsventil.

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 ca. 15,2 t teilbar.
Die Bedienung erfolgt aus der Oberwagenkabine.

Oberwagenkabine Großräumige Krankabine in Stahl-Kunststoff-Ausführung mit Sicherheitsverglasung und getönten Scheiben, kippbarem Arbeitsplatz mit verstellbarem, hydraulisch gedämpftem Fahrersitz, motorunabhängige Wasserheizung mit Motorvorwärmung, Klimaanlage, Kontroll und Bedienungselemente für Kranbetrieb.

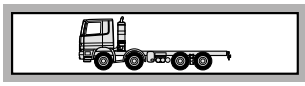
Elektrische Anlage 24 V Gleichstrom, 2 Batterien.

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

Zusatzausrüstung (gegen Mehrpreis)
'Lift Adjuster', Auslegerverlängerung 9m / 16 m, abwinkelbar 0°, 20° und 40°, 6 t Hakengeschirr, verschiedene Unterflaschen, Drehbereichsbegrenzung, Zusatzölkühler, Sonderlackierung und Beschriftung.

Weitere Zusatzausrüstung auf Anfrage.

Equipment



Chassis 5 axle chassis type Mercedes-Benz, MAN, Volvo and Scania.
Other chassis on request.

Remarks concerning the load charts

The lifting capacities in the structural area are based on DIN 15018 part 3 / F.E.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.

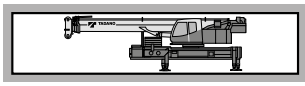
The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.

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.



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 - approx. 6.5 m/crosswise - 6.3 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 (Euromot III A / EPA Tier 3), water cooled, diesel engine. Engine speed infinitely controlled via pedal.
Rated at 90 kW (122 HP) at 2200 min^{-1}. Torque 470 Nm (48 kpm) at 1200 - 1600 min^{-1}. Engine rating according to DIN 6270B / DIN 6271. Fuel tank 200 l.

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

Controls Electrical, 2 joy-stick levers for simultaneous and independent operation of 4 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.
11.0 m to 44.0 m long. Boom head with 6 sheaves.

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

Main winch Axial piston motor, winch drum with integrated planetary reduction and hydraulically controlled spring-loaded multiple disc brake and 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 approx. 15.2 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 water heater with engine pre-heat, air conditioning. Complete controls and instrumentation for crane operation.

Electrical system 24 volt DC system, 2 batteries.

Safety devices Load moment device (LMD), working area limiter, 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)
'Lift Adjuster', boom extension 9 m / 16 m long, offsets 0°, 20° and 40°, 6 t swivel hook, selection of hook blocks, slewing area limitation, additional oil cooler, special painting and lettering.

Further optional equipment available upon request.

Symbolerklärung
Symbols

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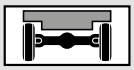
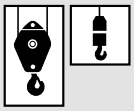
Räder / Größe
Tyres / Size



Achslast
Axle load



Unterflasche / Hakengeschirr
Hook block / Swivel hook

Geschwindigkeiten Unterwagen
Carrier speeds

Getriebe / Gang
Transmission / Gear

Steigfähigkeit
Gradeability

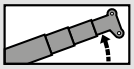
Gelände
Off road

Straße
On road

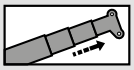
Geschwindigkeiten Oberwagen
Superstructure speeds

Hubwerk
Main winch

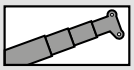
Drehwerk
Slewing system



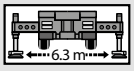
Wippwerk
Derricking system



Teleskopieren
Boom telescoping



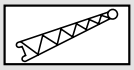
Teleskopausleger
Telescopic boom



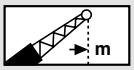
Abstützung
Outriggers

Gegengewicht
Counterweight

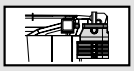
Ausladung
Radius



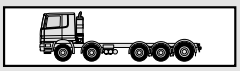
Auslegerverlängerung
Boom extension



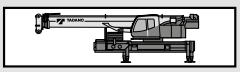
Ausladung
Radius



Gegengewichtvarianten
Counterweight versions



Unterwagen
Carrier



Oberwagen
Superstructure

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