

Technical Specification

Hydraulic crane

PK 92002SH

(S511-SK-D)

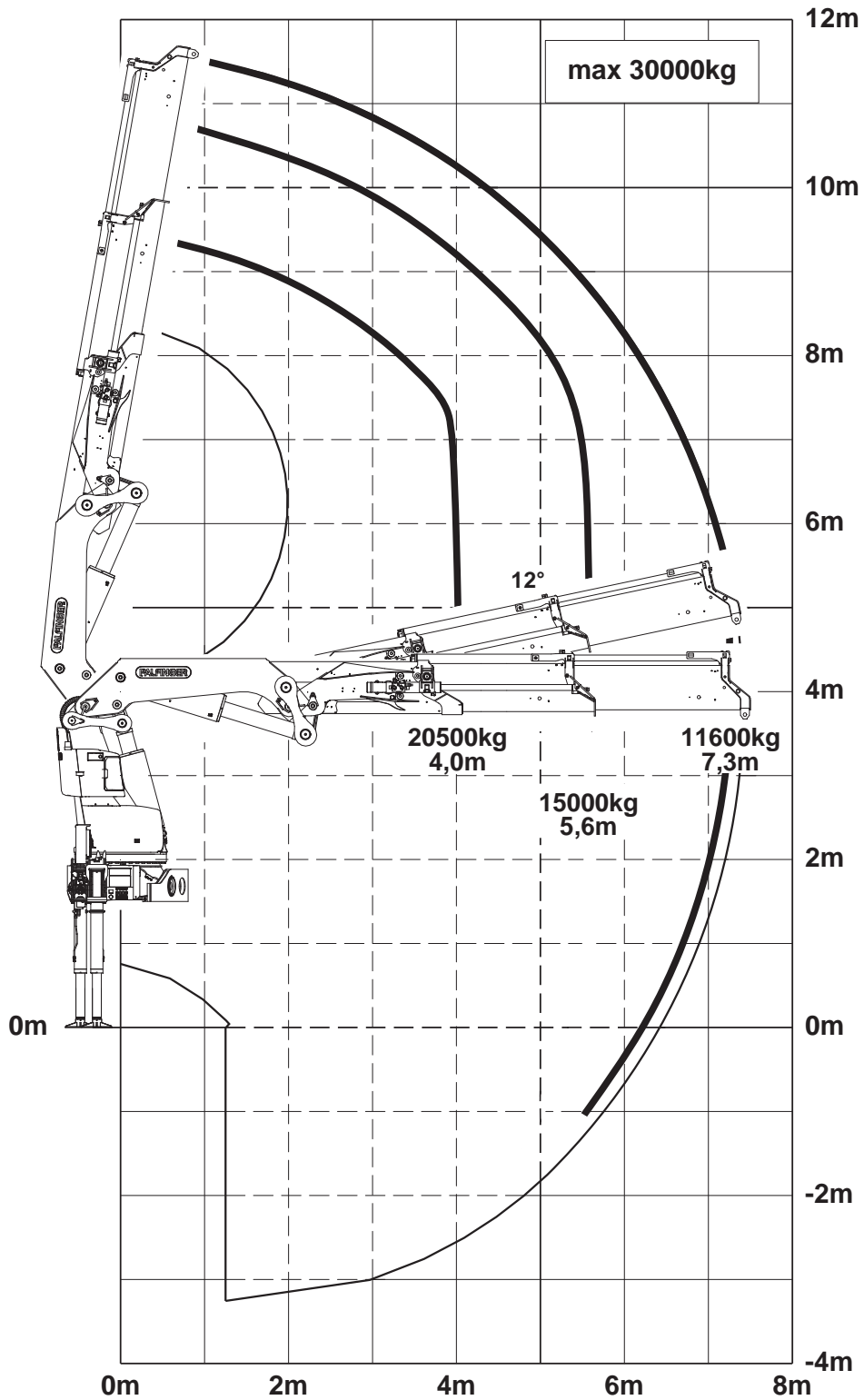
Edition 07/2012

EN

PALFINGER AG
Lamprechtshausener Bundesstraße 8
5101 Bergheim / Austria
www.palfinger.com

Page	
020	LIFTING CAPACITY DIAGRAM
020.01200	Lifting capacity diagram PK 92002-SH A
020.02200	Lifting capacity diagram PK 92002-SH B
020.03200	Lifting capacity diagram PK 92002-SH C
020.04200	Lifting capacity diagram PK 92002-SH D
020.05200	Lifting capacity diagram PK 92002-SH E
020.06200	Lifting capacity diagram PK 92002-SH F
020.07200	Lifting capacity diagram PK 92002-SH G
020.08200	Lifting capacity diagram PK 92002-SH H
020.09200	Lifting capacity diagram PK 92002-SH E PJ170 C
020.10200	Lifting capacity diagram PK 92002-SH E PJ170 EJV1
020.11200	Lifting capacity diagram PK 92002-SH F PJ170 C
020.12200	Lifting capacity diagram PK 92002-SH F PJ170 C DPS+
020.13200	Lifting capacity diagram PK 92002-SH F PJ170 EJV1
020.14200	Lifting capacity diagram PK 92002-SH F PJ170 EJV1 DPS+
020.15200	Lifting capacity diagram PK 92002-SH F PJ125 C
020.16200	Lifting capacity diagram PK 92002-SH F PJ125 EJV1
020.17200	Lifting capacity diagram PK 92002-SH G PJ125 C
020.18200	Lifting capacity diagram PK 92002-SH G PJ125 C DPS+
020.19200	Lifting capacity diagram PK 92002-SH G PJ125 EJV1
020.20200	Lifting capacity diagram PK 92002-SH G PJ125 EJV1 DPS+
020.21200	Lifting capacity diagram PK 92002-SH G PJ100 C
020.22200	Lifting capacity diagram PK 92002-SH G PJ100 DJV1
020.30200	Load capacity-Extension PK 92002-SH
020.31100	Load capacity-Rope winch 2.5t
020.32100	Load capacity-Rope winch 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

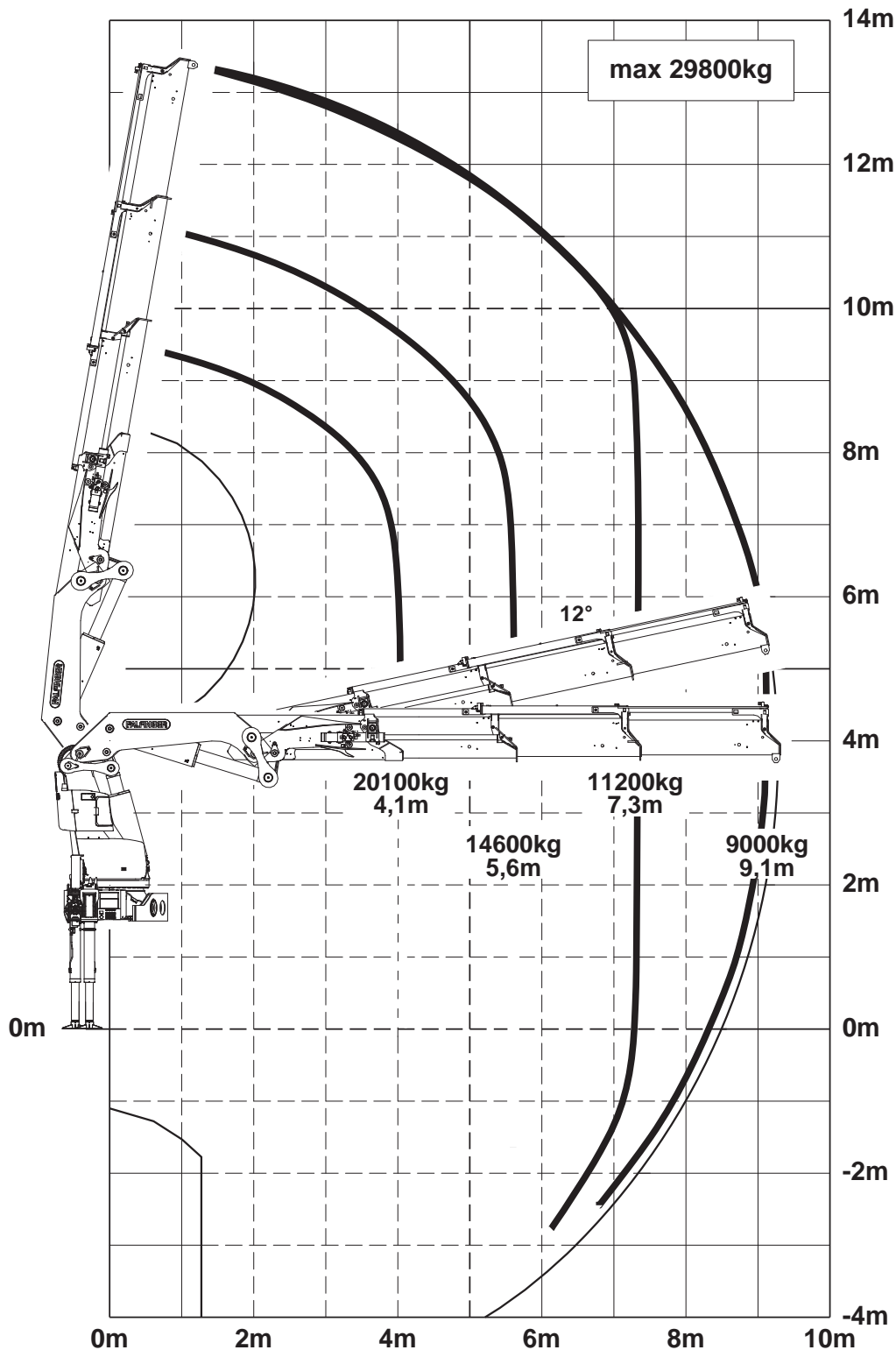


For Rope winch load capacity refer to page
Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH B

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

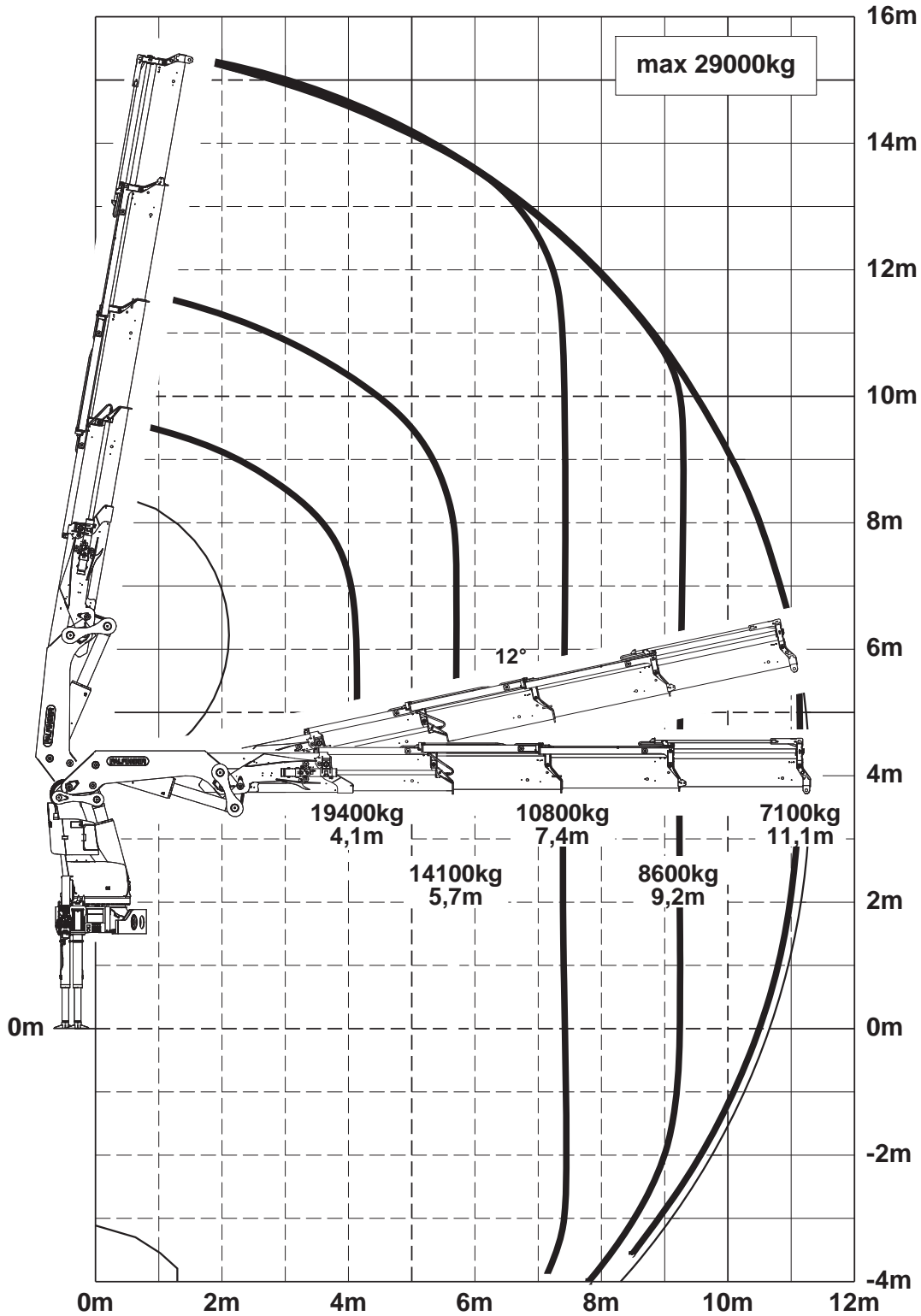


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

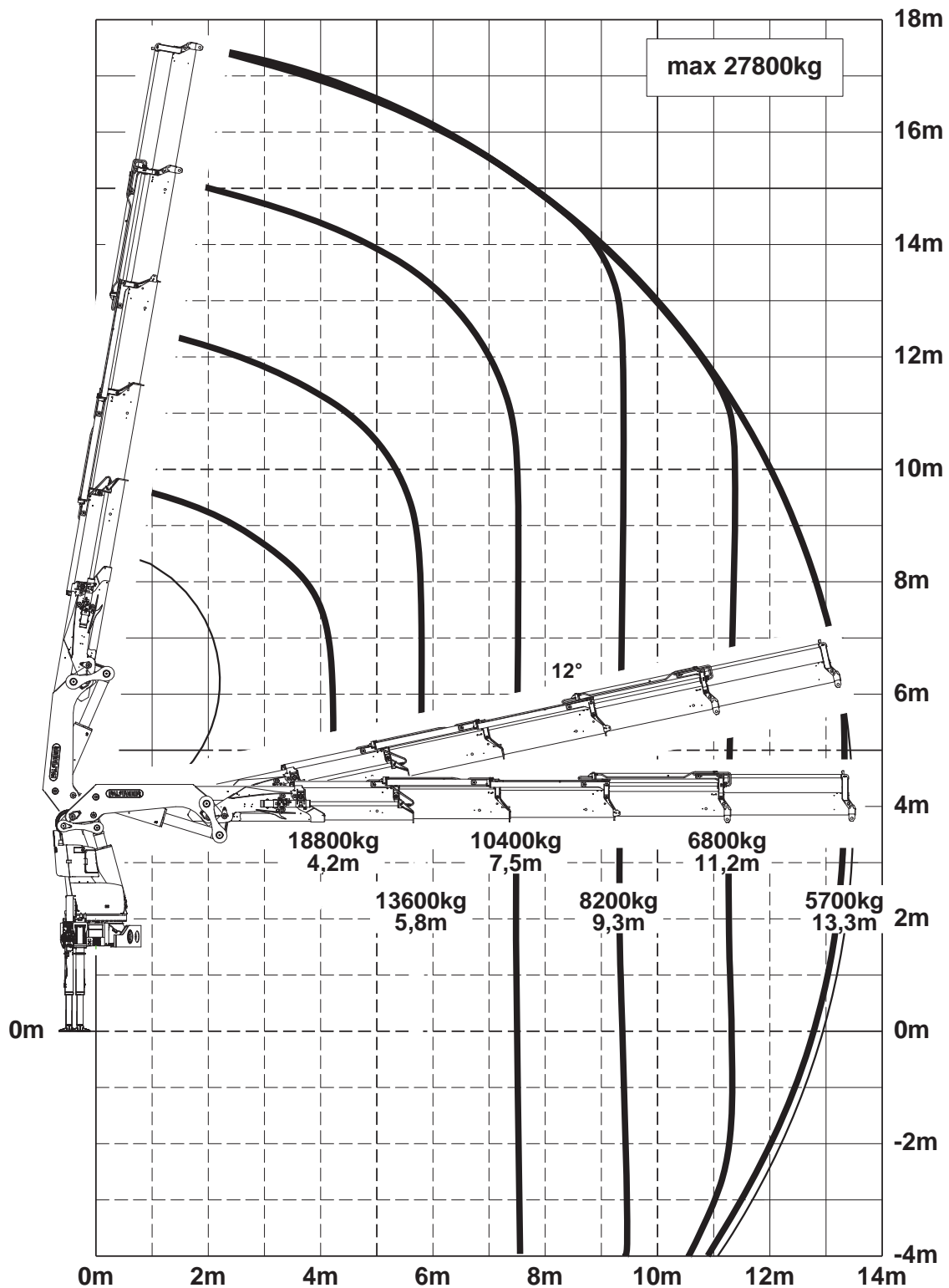


For Rope winch load capacity refer to page
Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH D

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

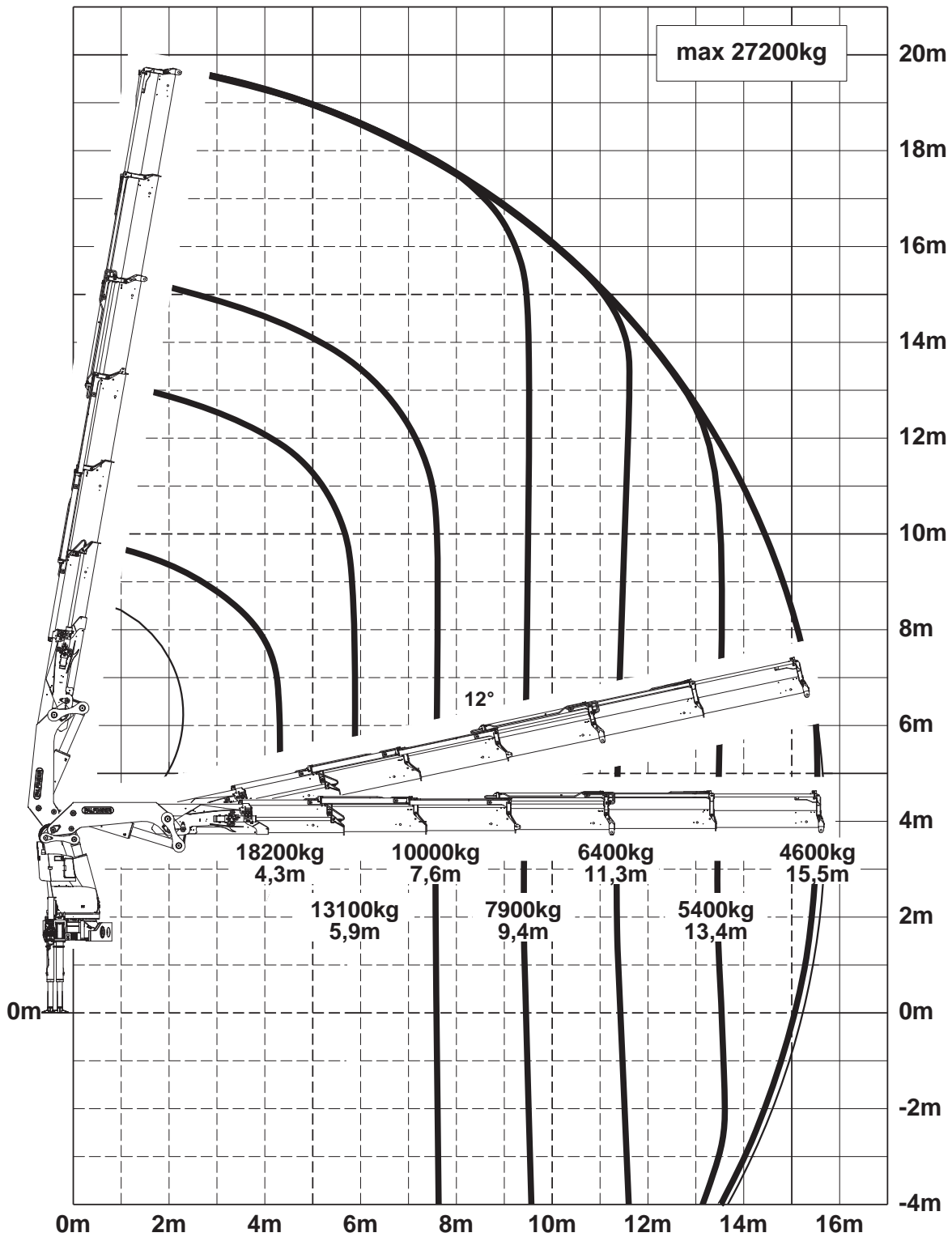


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



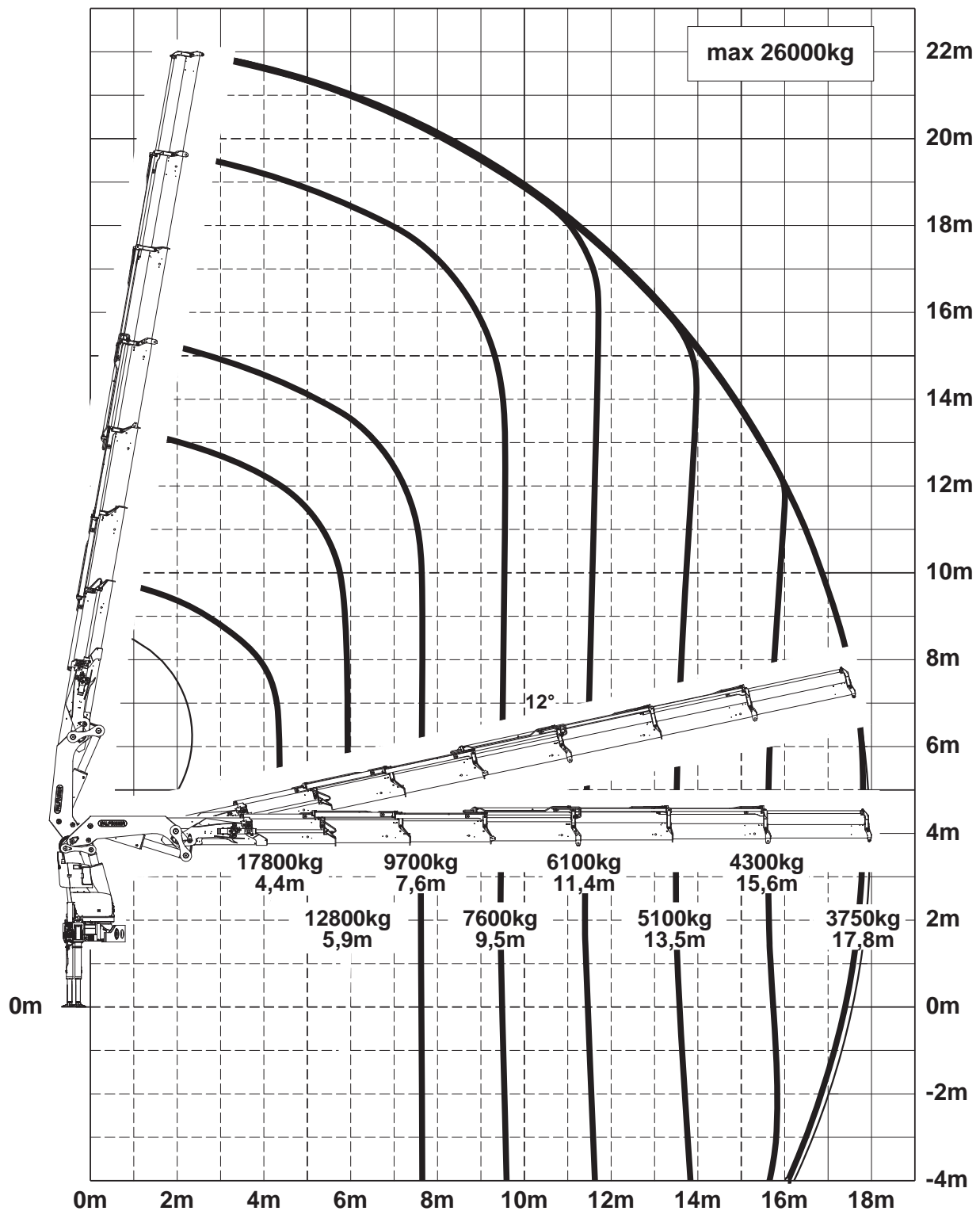
For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH F

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

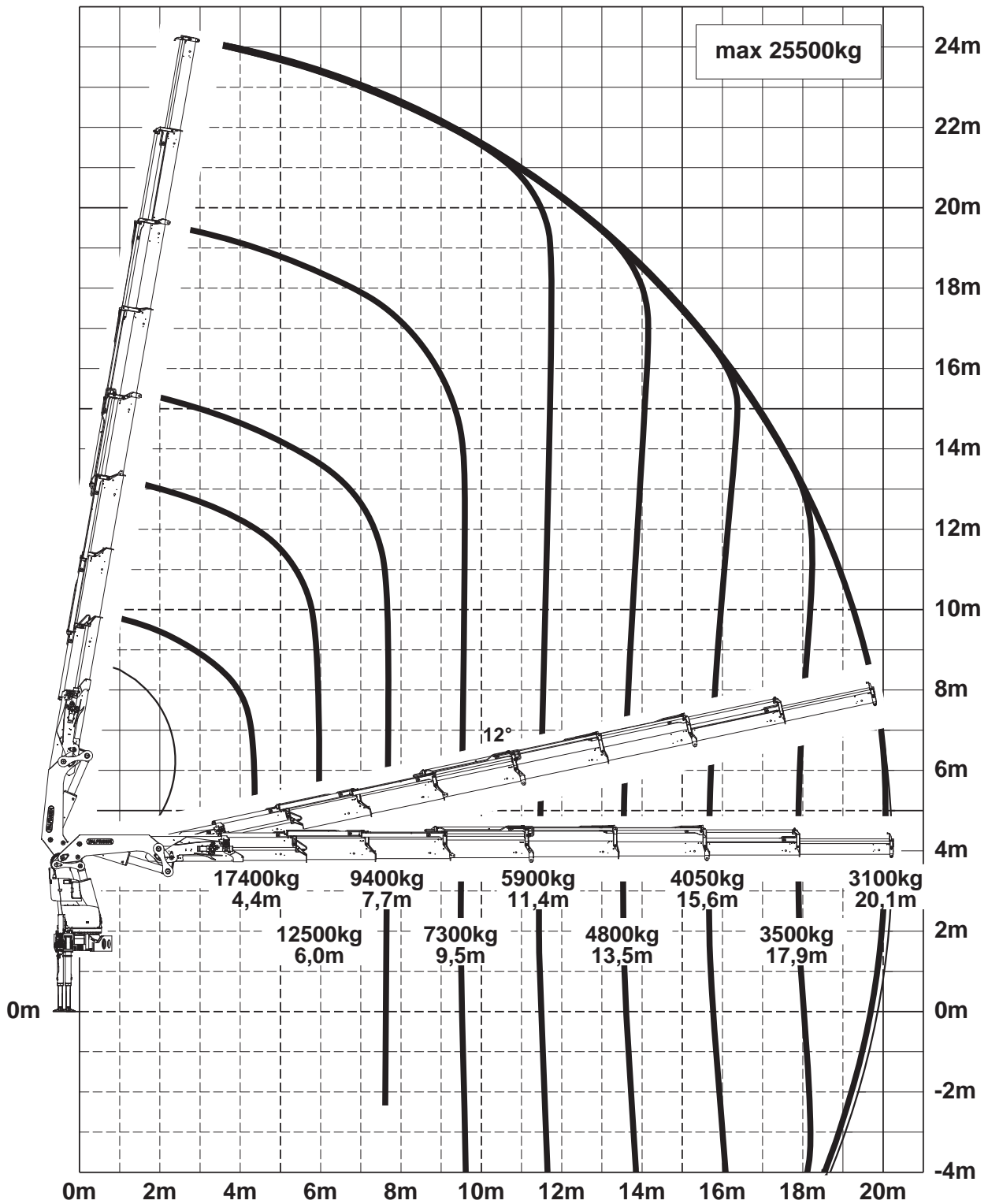


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



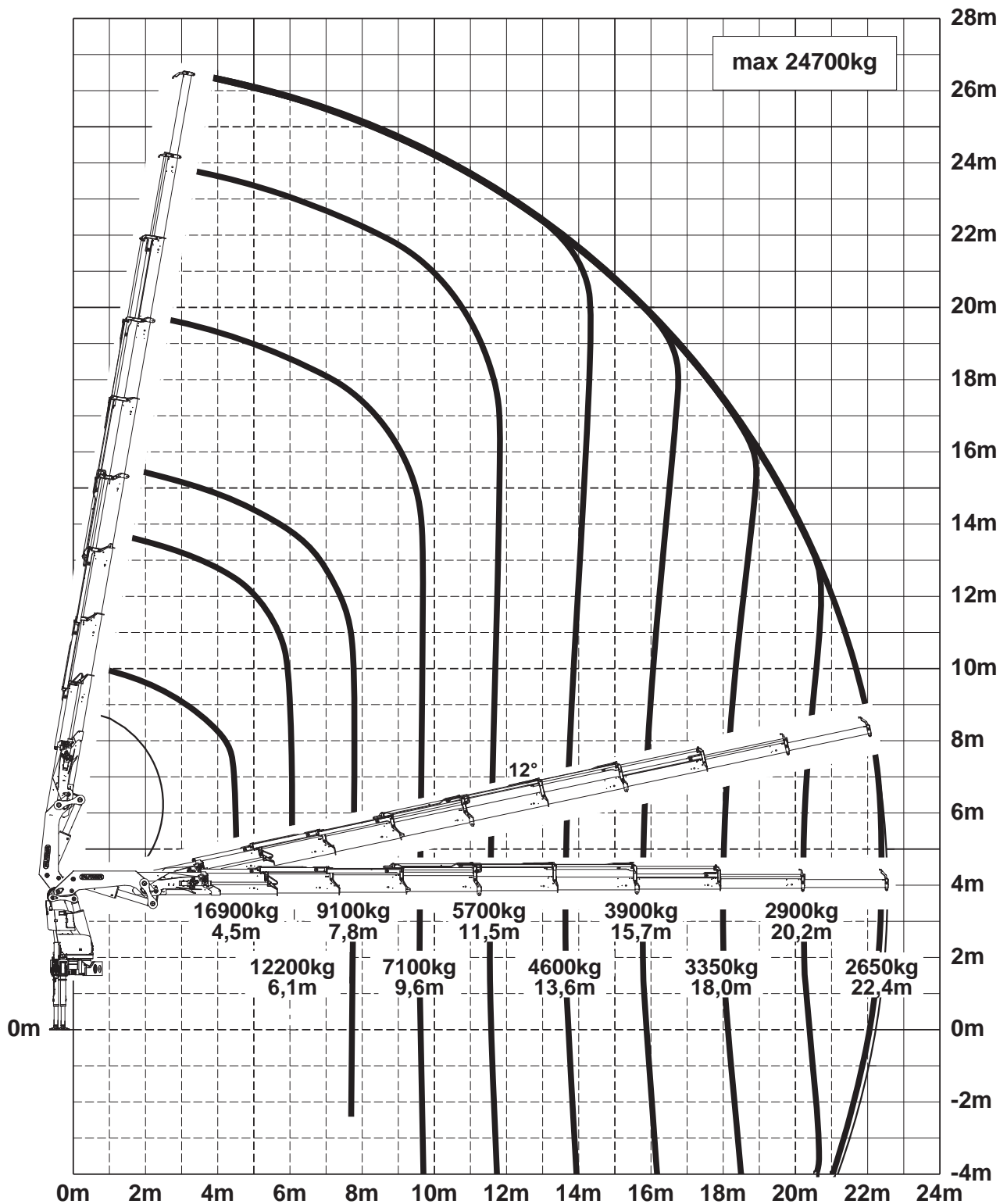
For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH H

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

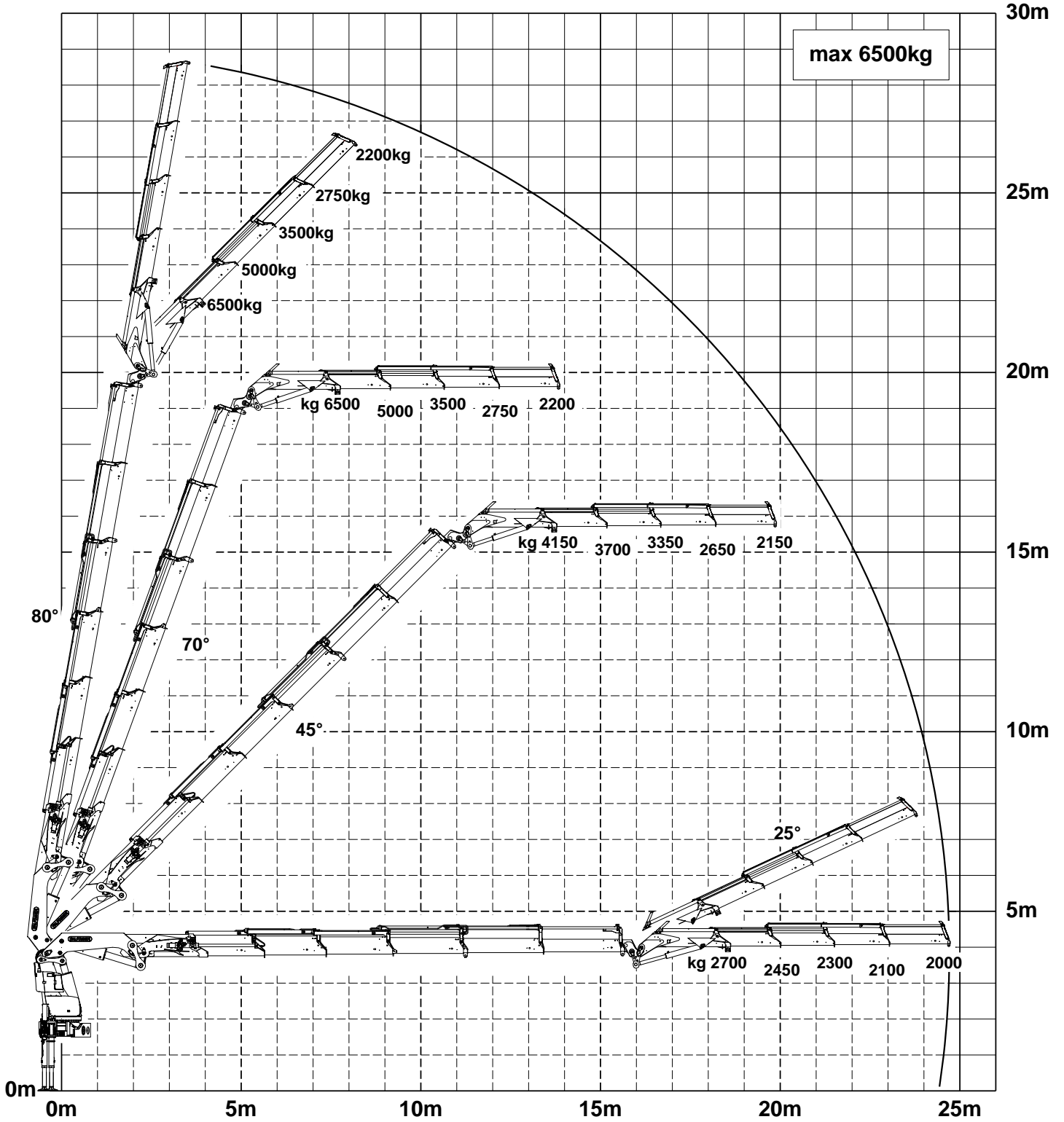


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



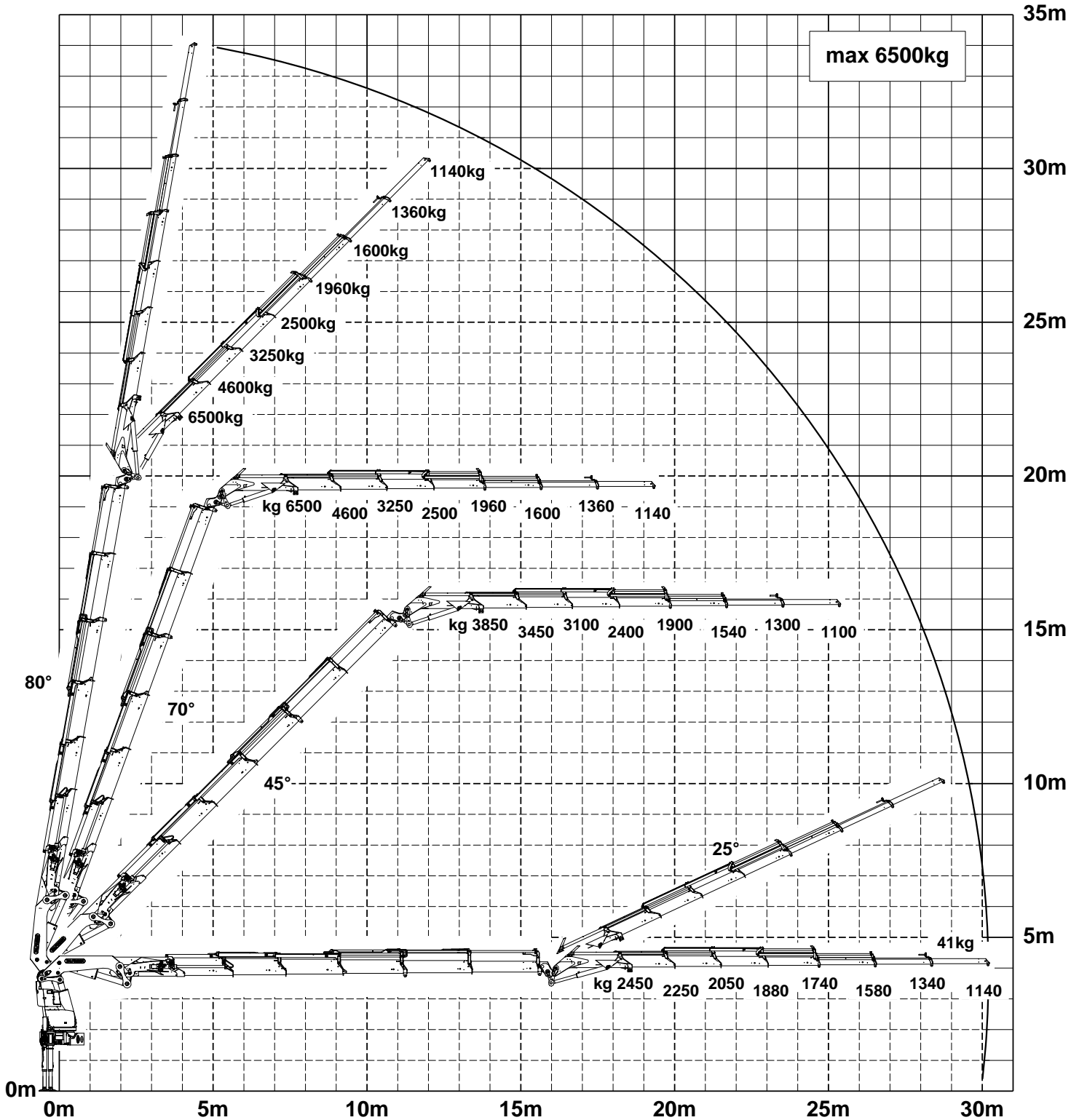
For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH E PJ170 EJV1

Subject to change, production tolerances have to be taken into account.



When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions. Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

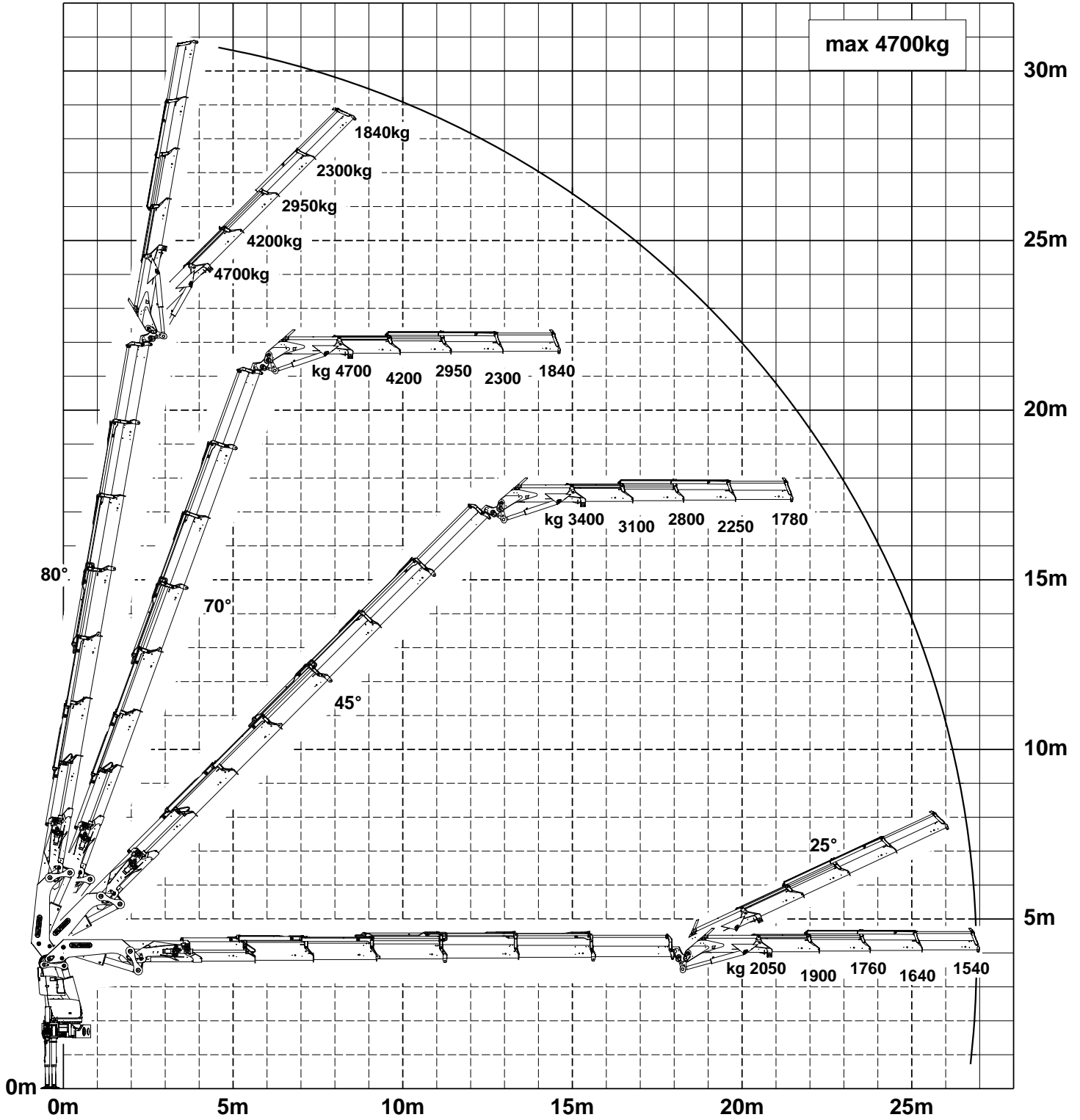


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



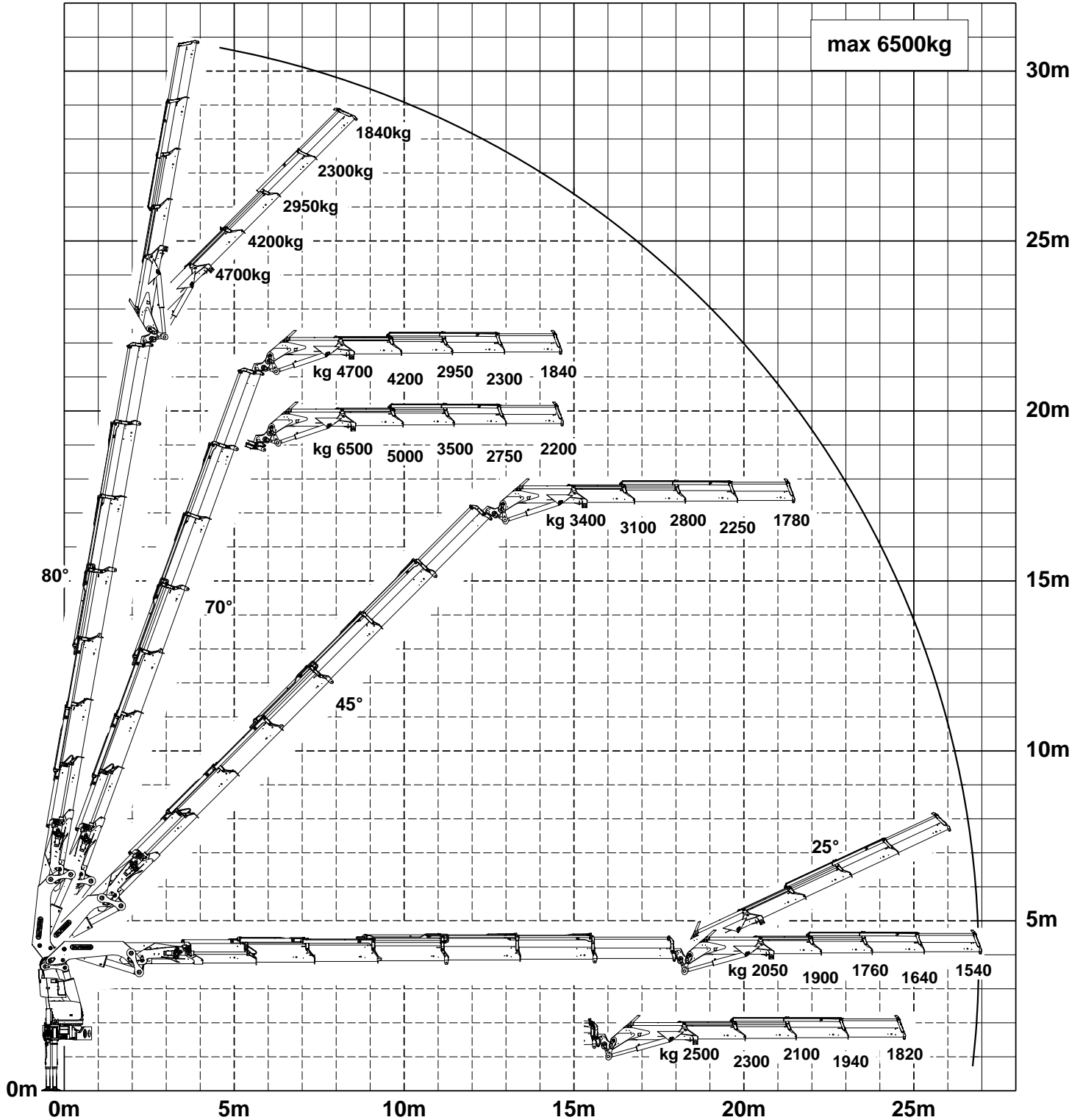
For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.

DPS plus
Dual Power System



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

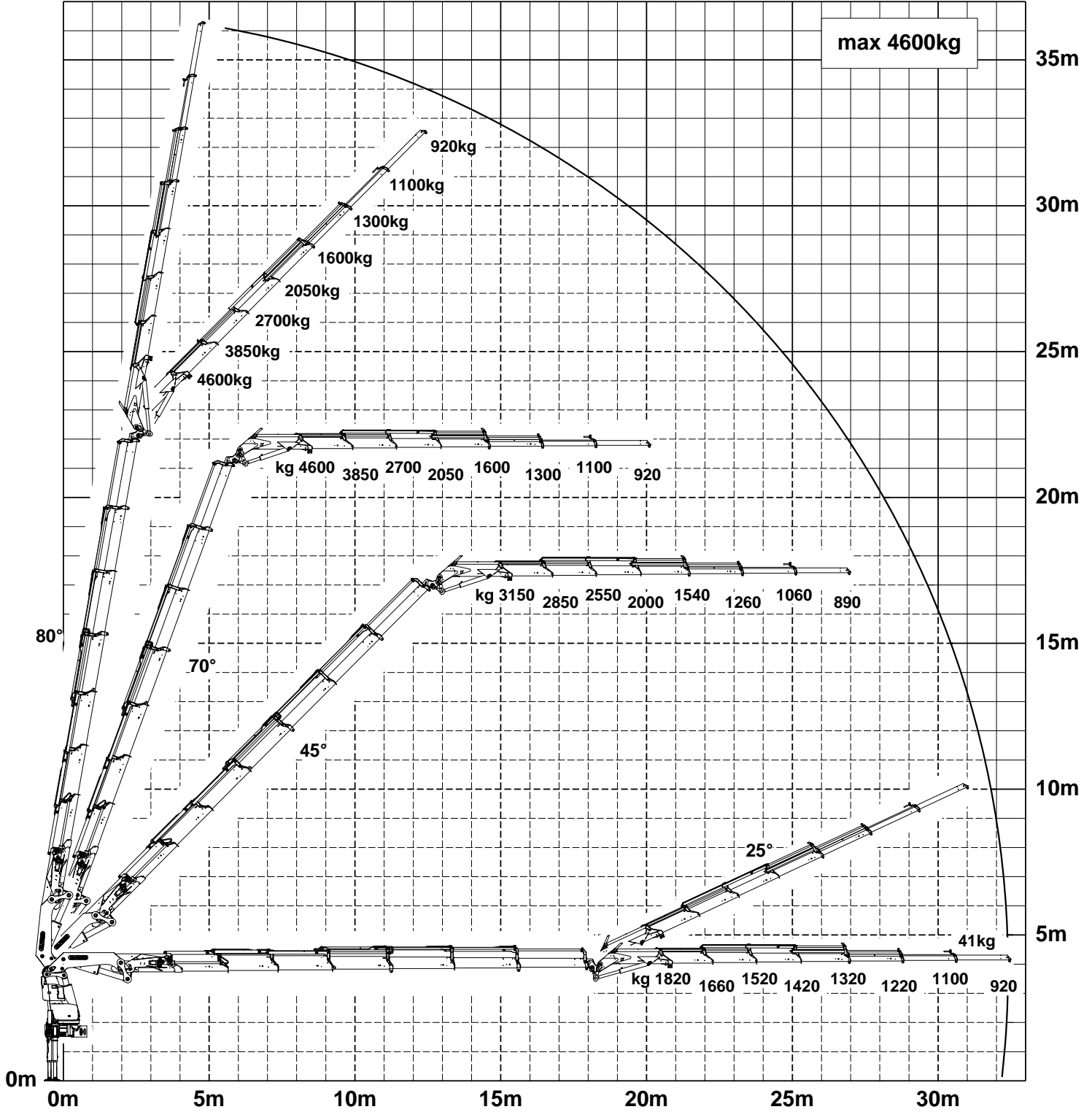


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



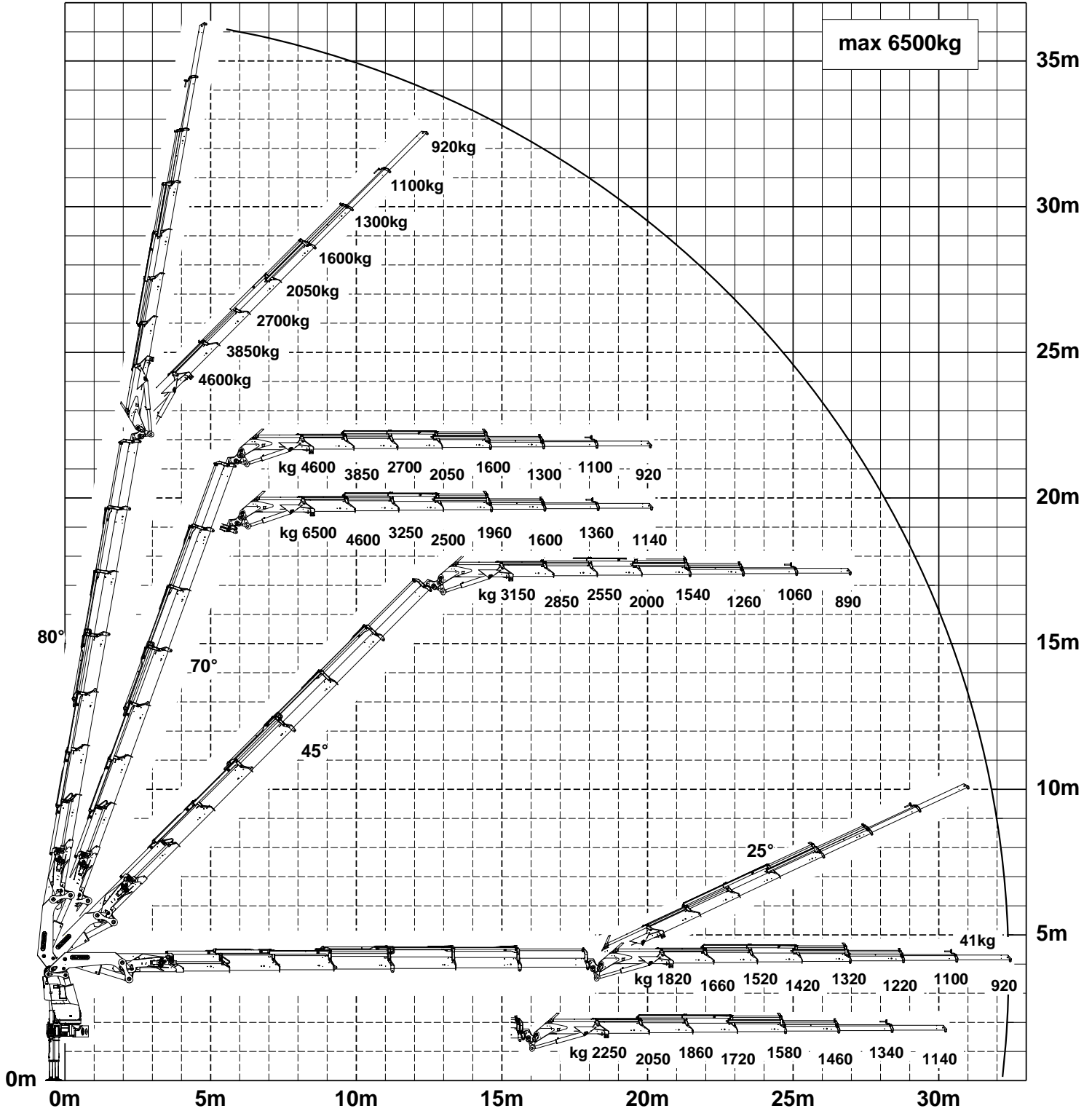
When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.
 Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



For Rope winch load capacity refer to page
 Page 020.31100 2.5t Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.

DPS plus
Dual Power System

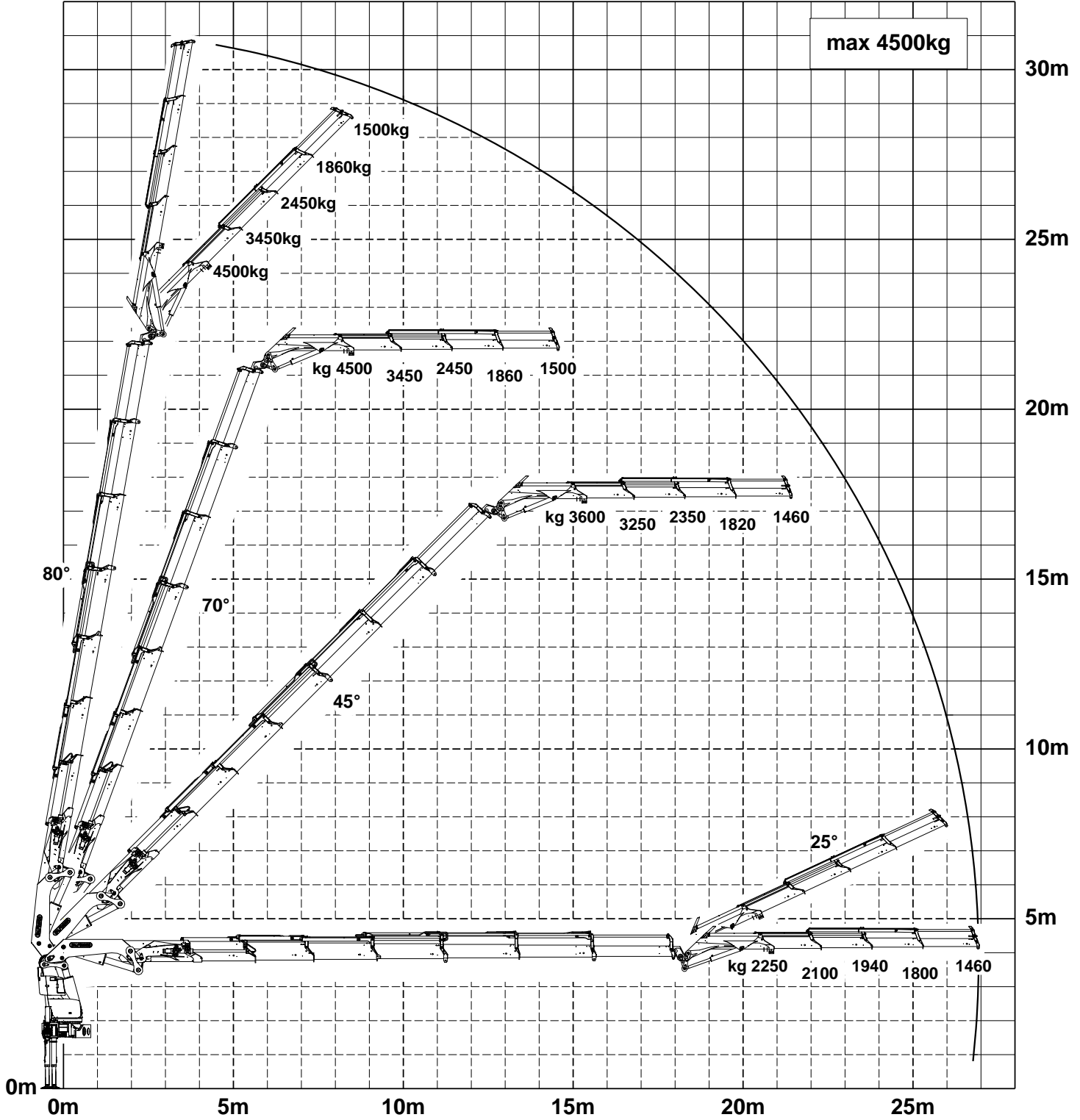


When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.
Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



For Rope winch load capacity refer to page
Page 020.31100 2.5t Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



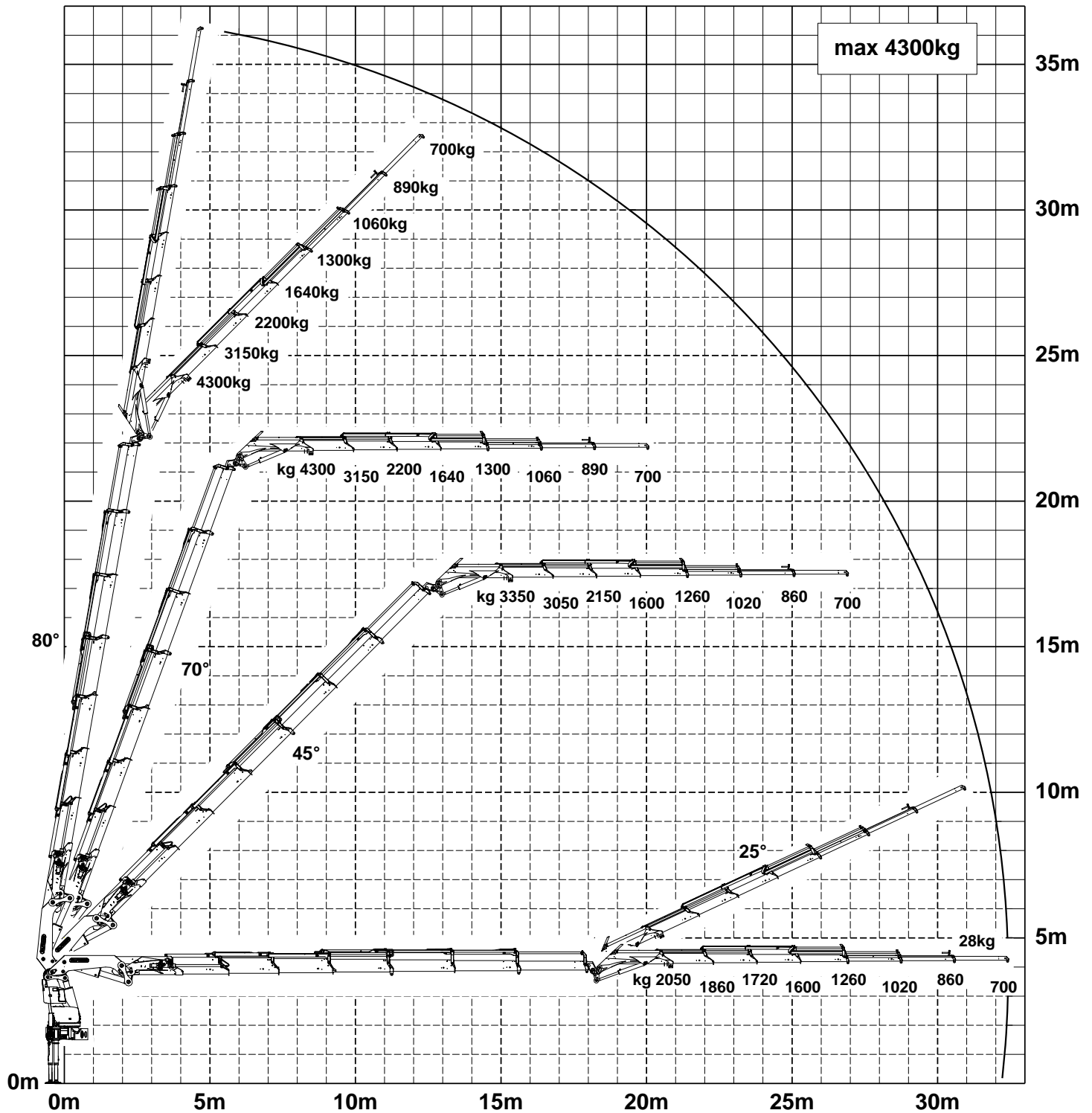
For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH F PJ125 EJV1

Subject to change, production tolerances have to be taken into account.



When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.
 Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

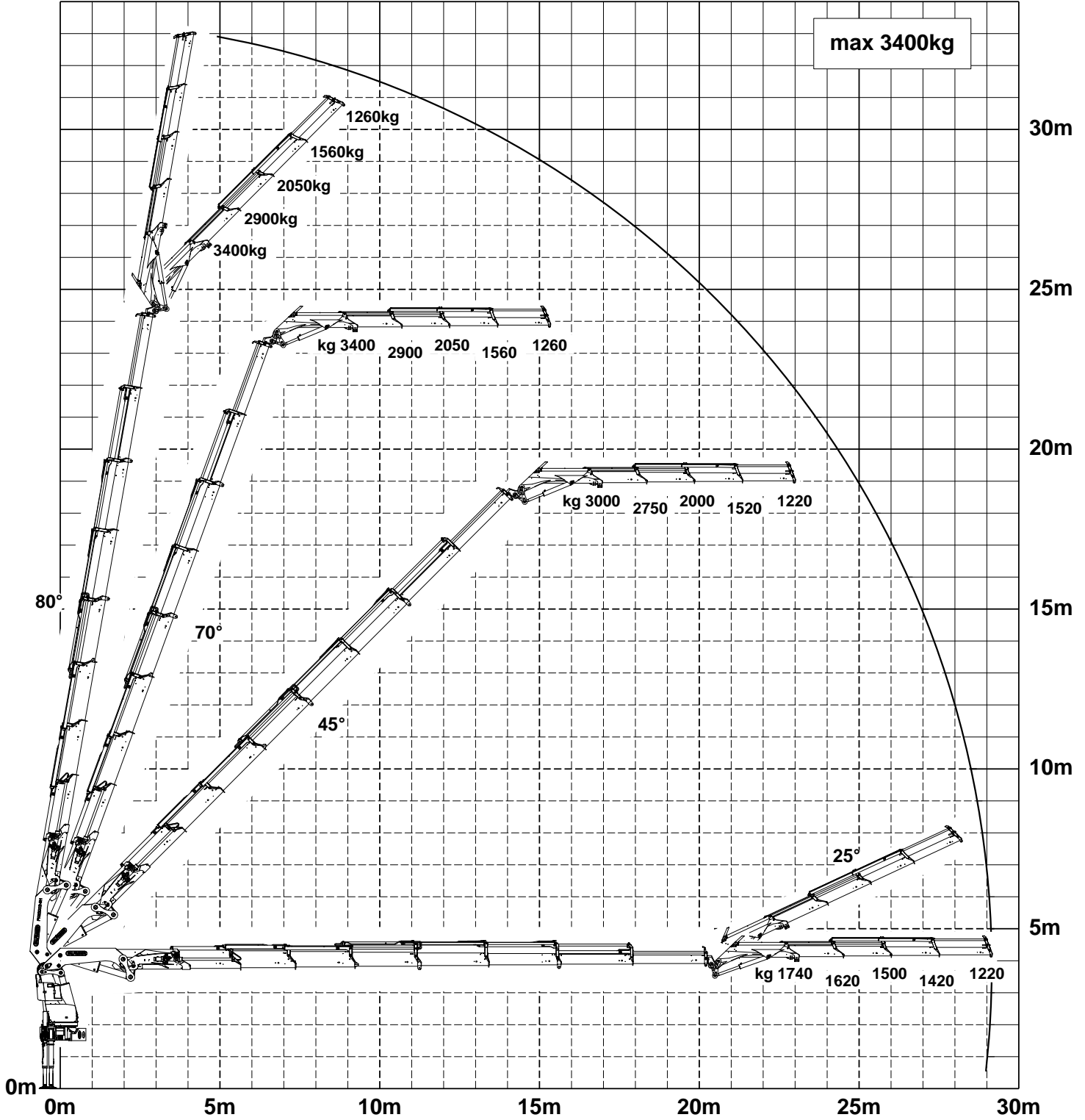


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

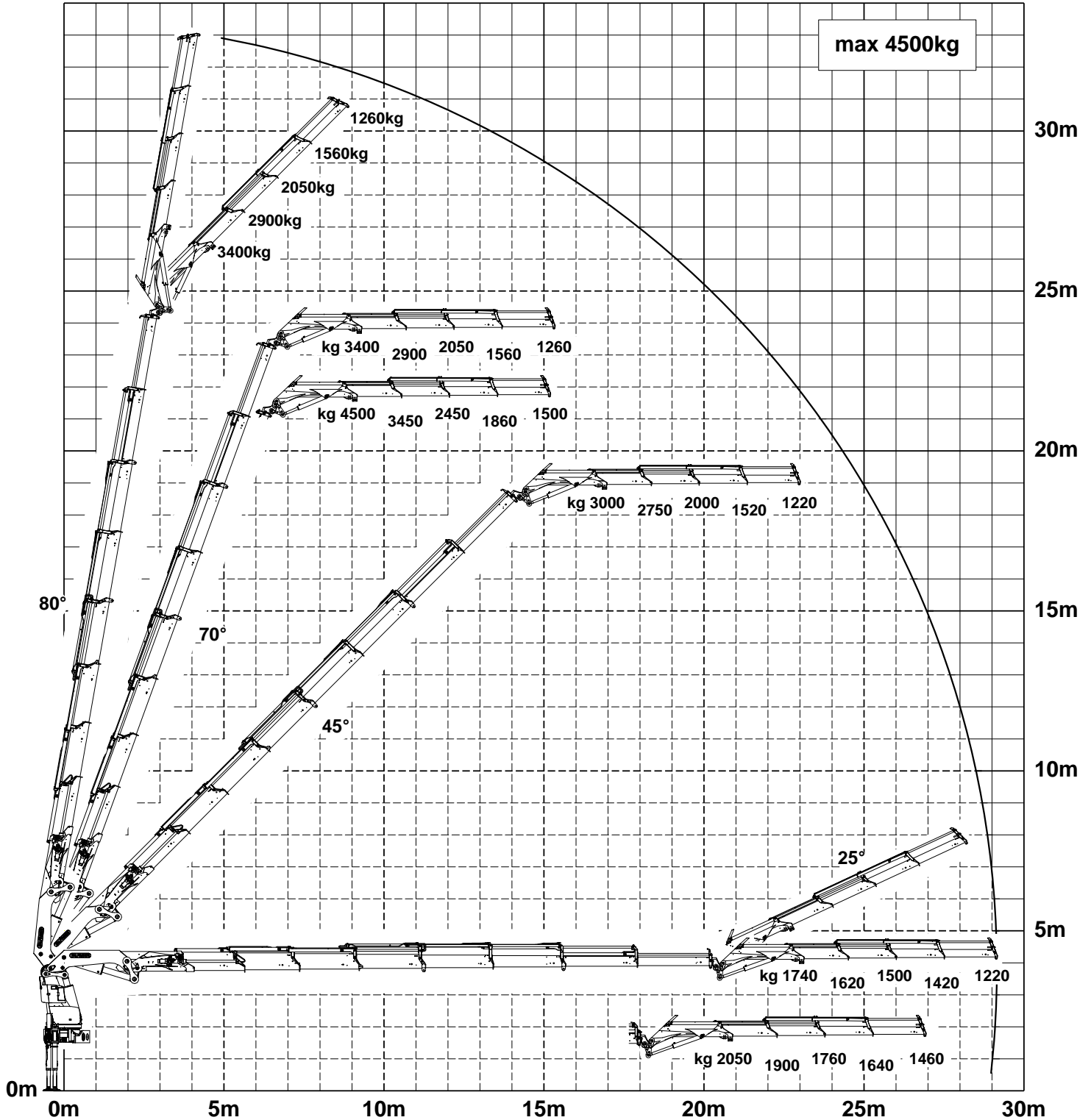


For Rope winch load capacity refer to page
Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.

DPS plus
Dual Power plus



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

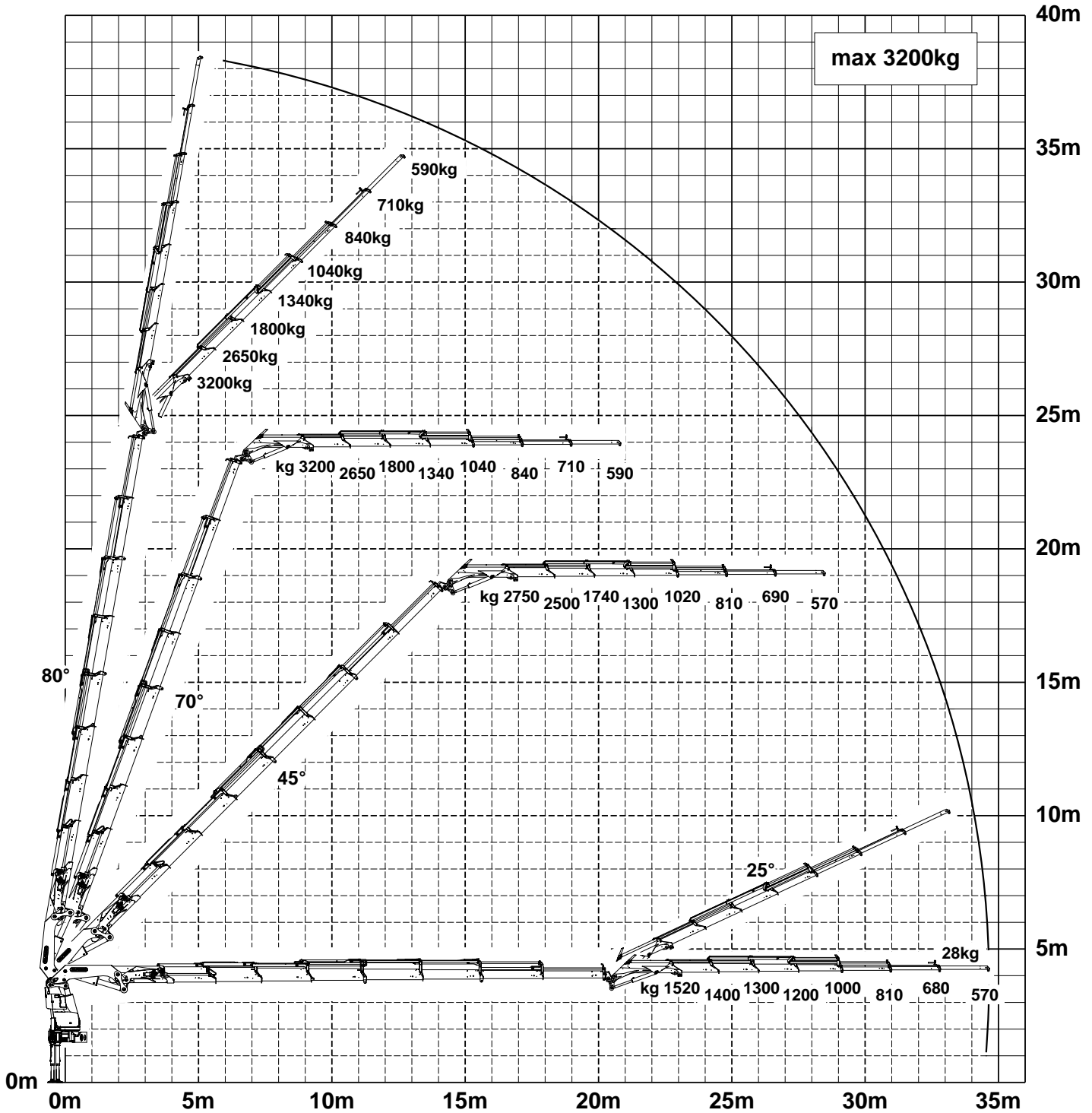


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



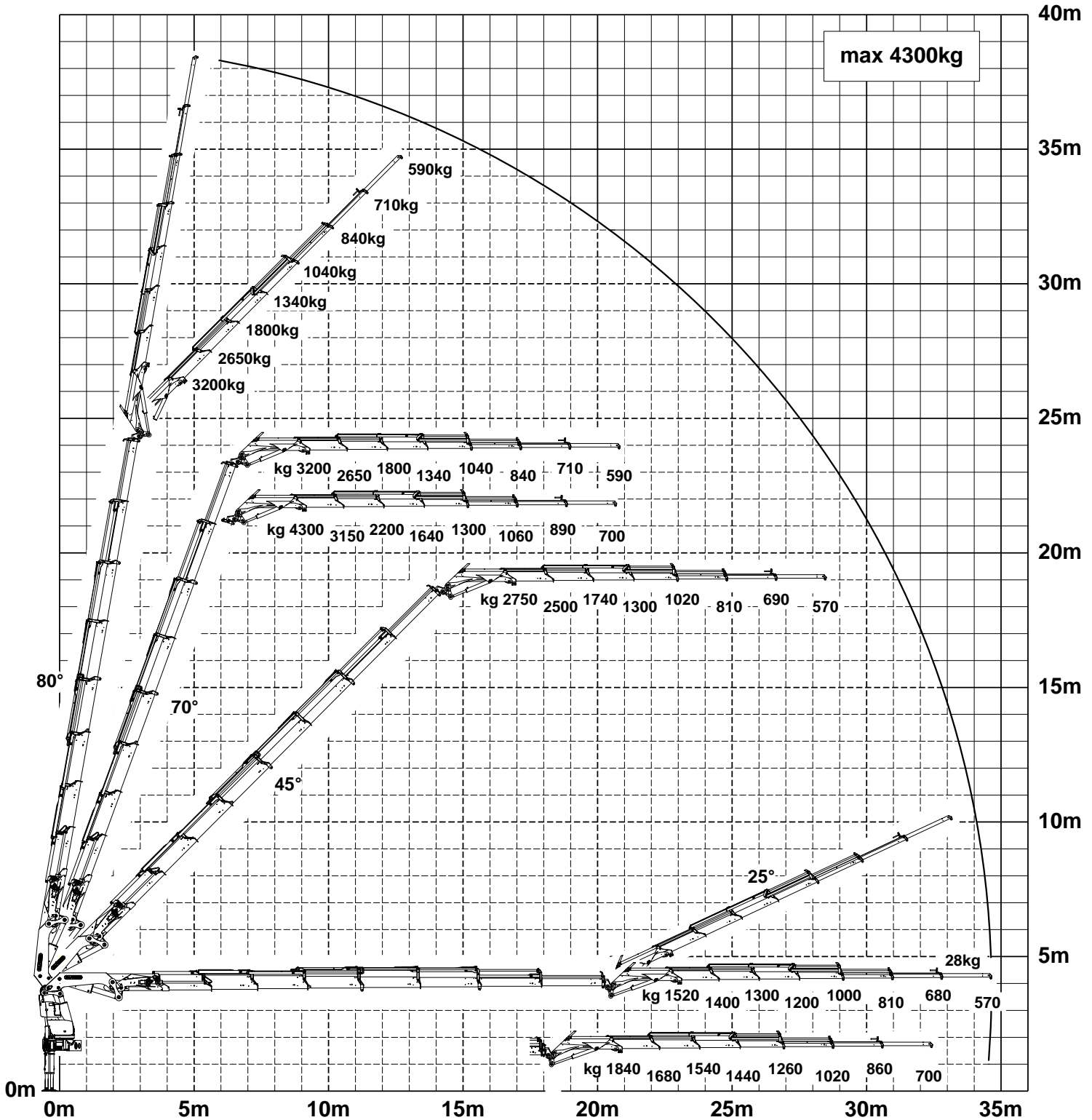
When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.
 Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



For Rope winch load capacity refer to page
 Page 020.31100 2.5t Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.

DPS plus
Dual Power System



When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.
Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position

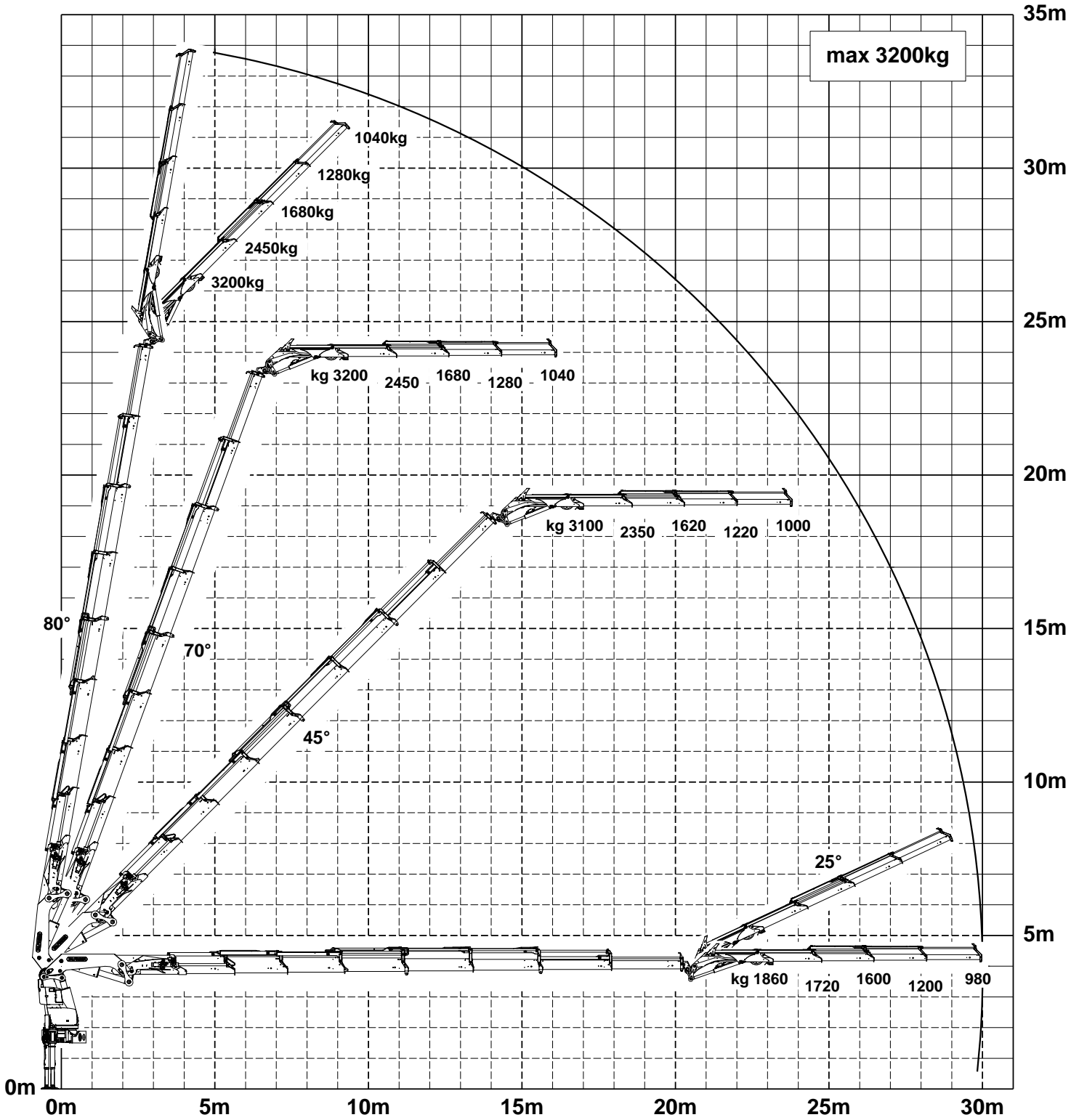


For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Subject to change, production tolerances have to be taken into account.



Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



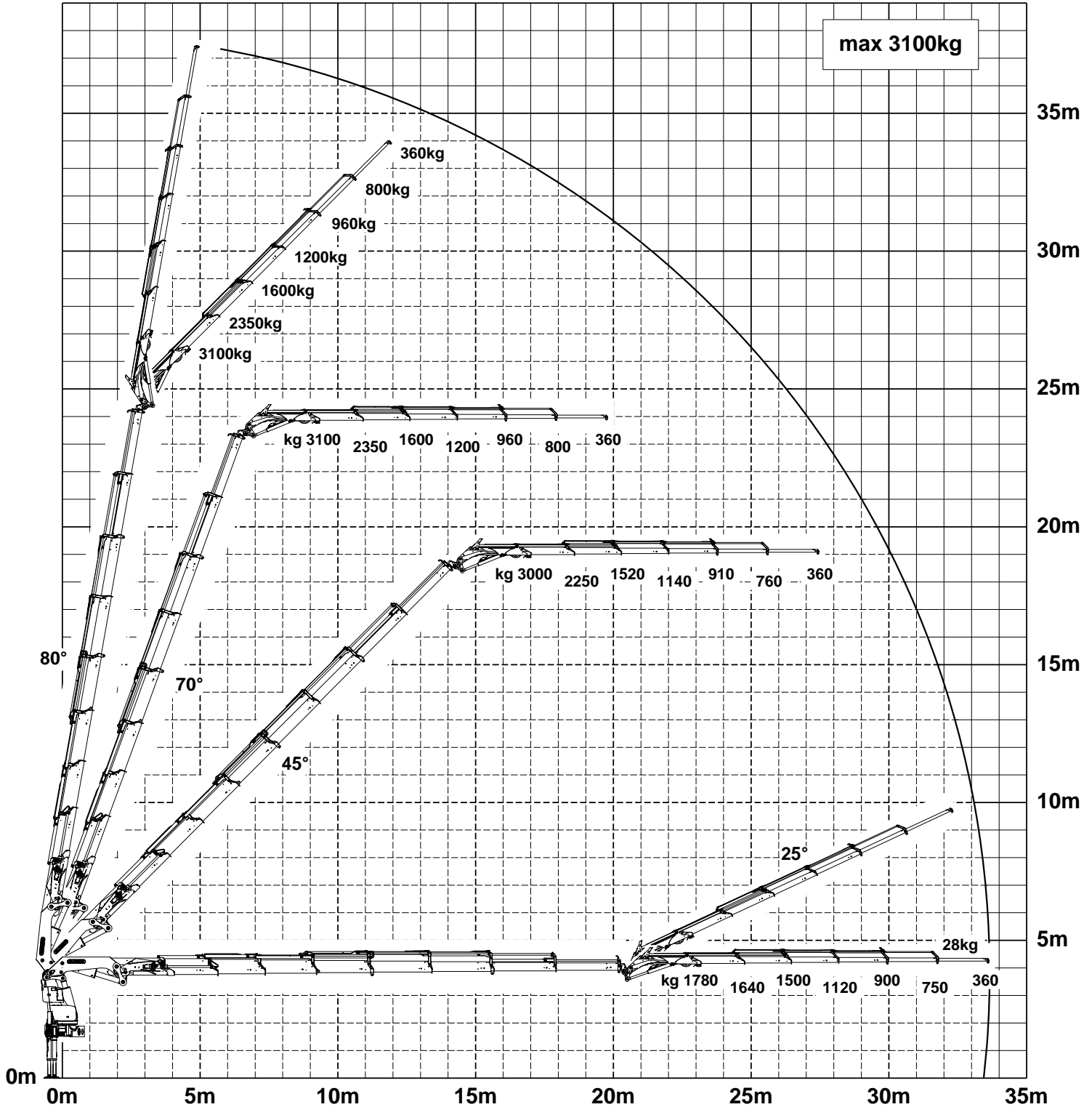
For Rope winch load capacity refer to page

Page 020.31100 2.5t

Page 020.32100 3.5t

Lifting capacity diagram PK 92002-SH G PJ100 DJV1

Subject to change, production tolerances have to be taken into account.

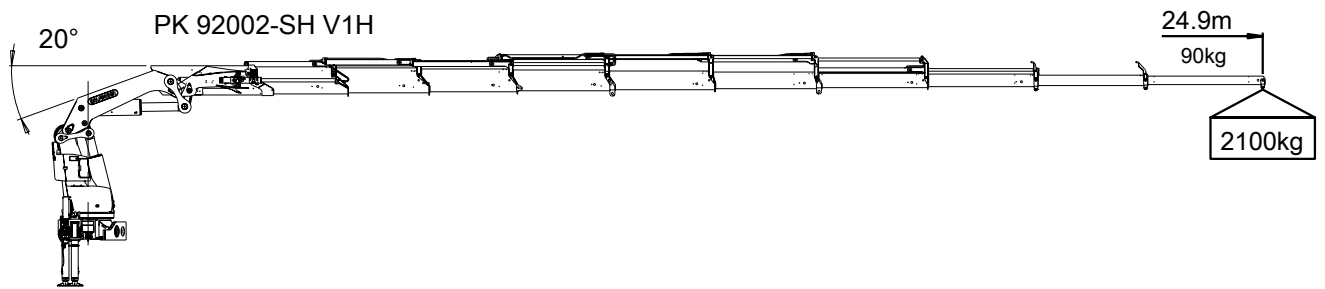


When using mechanical boom extensions, the loads shown on the charts need to be reduced by the weight of these extensions.
Symbolic crane figure, indications at 20° main boom position & load arm in horizontal position



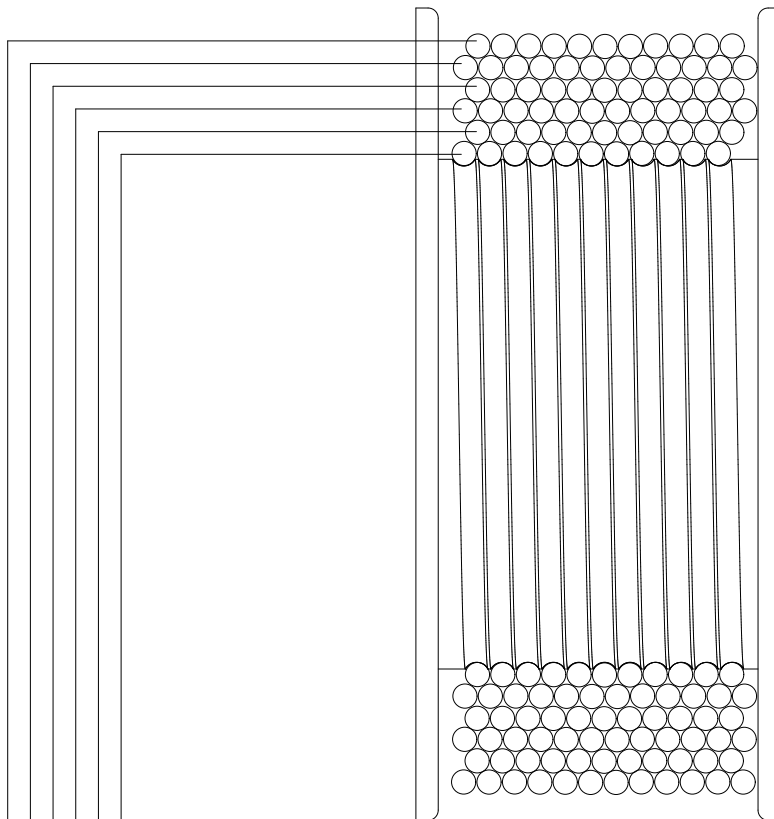
For Rope winch load capacity refer to page
Page 020.31100 2.5t Page 020.32100 3.5t


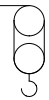
Subject to change, production tolerances have to be taken into account.



Load capacity-Rope winch 2.5t

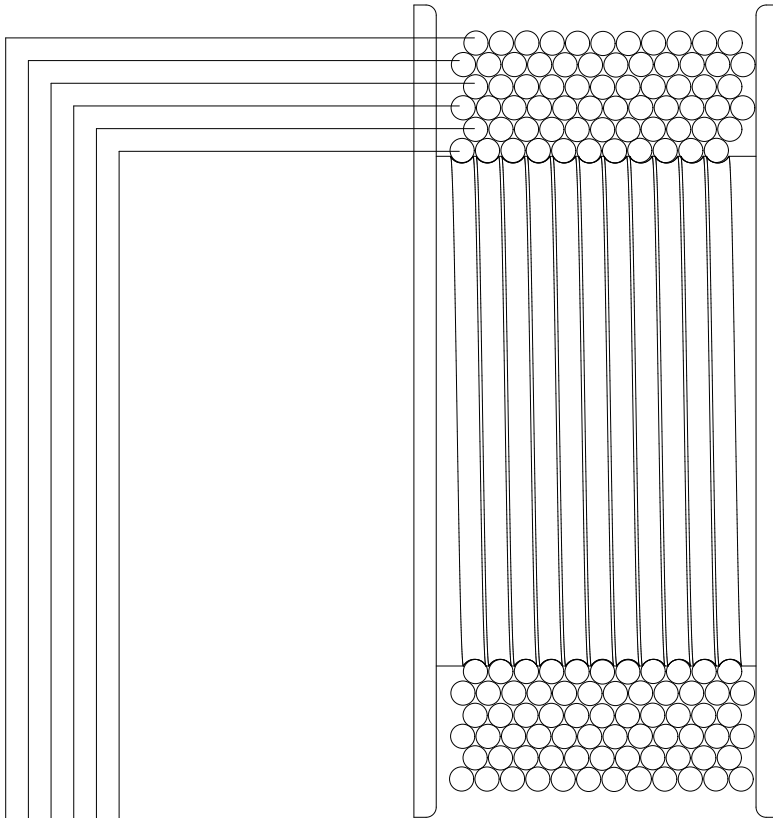
Subject to change, production tolerances have to be taken into account.



Strands		Strands	
1STRAN		2STRAN	
			
	Load capacity	Wire reception	
1	2500 kg [5,510 lb]	12 m [39'4"]	5000 kg [11,020 lb]
2	2350 kg [5,180 lb]	24 m [78'9"]	4690 kg [10,340 lb]
3	2210 kg [4,870 lb]	37,6 m [123'4"]	4420 kg [9,740 lb]
4	2090 kg [4,610 lb]	51 m [167'4"]	4180 kg [9,220 lb]
5	1980 kg [4,370 lb]	66,2 m [217'2"]	3970 kg [8,750 lb]
6	1880 kg [4,150 lb]	81 m [265'9"]	3760 kg [8,290 lb]

Weights of load handling devices are part of the load lifted and must be deducted from the capacity.
Weight of the load handling equipment must be deducted from the lifting capacity.

Subject to change, production tolerances have to be taken into account.



Strands	
1STRAN	
Load capacity	Wire reception
1 3500 kg [7,720 lb]	13,1 m [43'0"]
2 3260 kg [7,190 lb]	26,2 m [85'11"]
3 3050 kg [6,720 lb]	41,2 m [135'2"]
4 2870 kg [6,330 lb]	56,1 m [184'1"]
5 2705 kg [5,960 lb]	73,1 m [239'10"]
6 2560 kg [5,640 lb]	89,8 m [294'7"]

Strands	
2STRAN	
Load capacity	Wire reception
7000 kg [15,430 lb]	13,1 m [43'0"]
6520 kg [14,370 lb]	26,2 m [85'11"]
6100 kg [13,450 lb]	41,2 m [135'2"]
5740 kg [12,650 lb]	56,1 m [184'1"]
5410 kg [11,930 lb]	73,1 m [239'10"]
5120 kg [11,290 lb]	89,8 m [294'7"]

Strands	
4STRAN	
Load capacity	Wire reception
14000 kg [30,860 lb]	13,1 m [43'0"]
13040 kg [28,750 lb]	26,2 m [85'11"]
12200 kg [26,900 lb]	41,2 m [135'2"]
11480 kg [25,310 lb]	56,1 m [184'1"]
10820 kg [23,850 lb]	73,1 m [239'10"]
10240 kg [22,570 lb]	89,8 m [294'7"]

Weights of load handling devices are part of the load lifted and must be deducted from the capacity.
Weight of the load handling equipment must be deducted from the lifting capacity.

