

HMF 6120K-RCS

6120K-RCS is a powerful and reliable crane, developed and manufactured in Denmark. With advanced technology, high lifting capacity and robust design, it's built to perform – even under the toughest conditions.



Main benefits

- Strong and sturdy
- Great flexibility and smooth operation for demanding tasks
- Suited for a wide range of tasks from heavy lifting to assembly work

Strength, precision and top-class technology

6120K-RCS – a crane developed and manufactured in Denmark, tested with over 100,000 lifts and advanced simulations. The result is a powerful and reliable crane, ready to perform under the most demanding conditions.

The crane offers a lifting moment of up to 52.8 tm and a reach of up to 21.3 meters – and with Fly-Jib, it can extend to 31.4 meters. It's surface-treated to corrosion class C4, ensuring long service life and high durability.

6120K-RCS can be configured with winch and man basket, and the heavy-duty hook on the knuckle boom lifts up to 16 tons. With HIP and LWH, you get safe and controlled operation – even in challenging environments.

HMF Connect provides full wireless access to data and diagnostics, and with double slewing gear, dual-circuit hydraulics and testing with biodegradable oil, the crane is both precise and environmentally friendly.

Why choose 6120K-RCS?

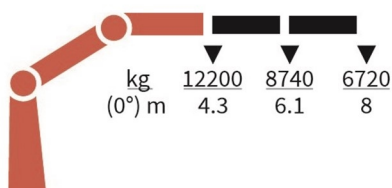
- Up to 52.8 tm and 16 tons heavy lift
- Reach up to 31.4 meters
- C4 corrosion protection for harsh environments

PERFORMANCE	6120-K2	6120-K3	6120-K4	6120-K5	6120-K6	6120-K7	6120-K8
Load Moment (tm)	52,8	52,4	51,2	50,5	50	48,9	49
Hydraulic reach (m)	8,07	10,12	12,16	14,35	16,7	18,95	21,3
Weight excl. stabilizers (Kg)	4480	4740	4990	5220	5430	5590	5750
Weight of stabilizers, standard (Kg)	925	925	925	925	925	925	925
Lift-to-weight ratio	9,77	9,25	8,65	8,21	7,87	7,5	7,34
Slewing Angle (°)	∞	∞	∞	∞	∞	∞	∞
Slewing torque (kgm)	7000	7000	7000	7000	7000	7142	7000
Working pressure (bar)	325	325	325	325	325	325	325
GEOMETRY							
Height above mounting surface (mm)	2455	2455	2455	2455	2455	2455	2455
Width, folded, standard (mm)	2550	2550	2550	2550	2550	2550	2550
Length of crane, no extra valves (mm)	1430	1430	1430	1430	1430	1430	1430

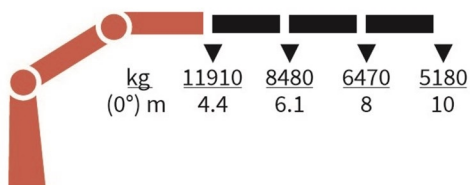
Lifting Capacity



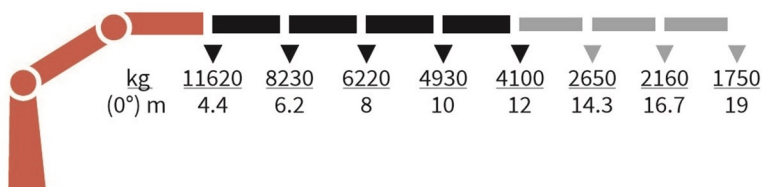
6120-K2-RCS



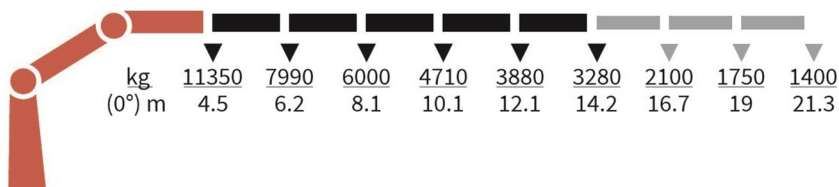
6120-K3-RCS



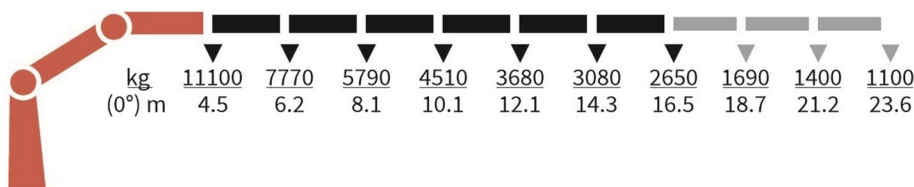
6120-K4-RCS



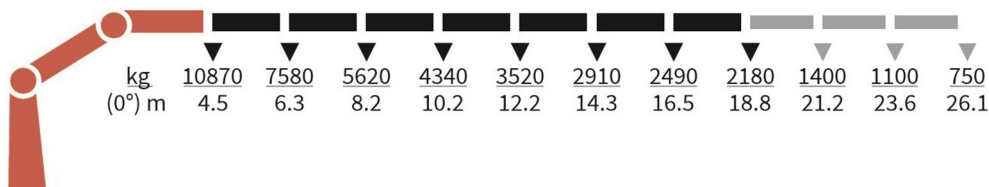
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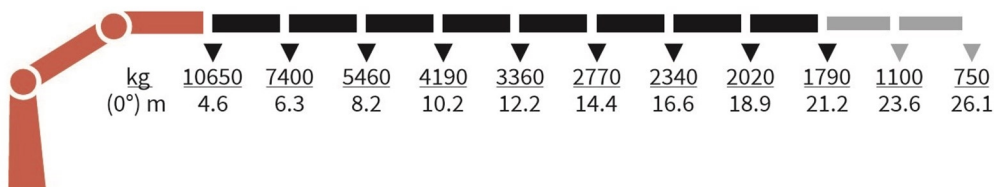
6120-K6-RCS



6120-K7-RCS



6120-K8-RCS



Basics and options

Basics

HMF 6120K-RCS

Progressive crane control
Priority flow control
Electronic speed adaptation, HDL-d
Dual Power plus link arm system
Proportional control valve PVG 32
Radio remote control of stabilizer beams and stabilizer legs on crane
Internal hose routing
Environmentally friendly quality coating
RCL safety system
Spotlight

Options

Control stations
Personnel basket on crane – MEWP
Control systems
Radio remote control Maxi
Radio remote control with Power display
Electrical options
Voltage
HMF Connect
Extra valves
Extra valves in hose guides
Extra valves in hose reels, externally led
Multi-coupling
Fly-jib
Fly-jib 600
Fly-jib 1000
Hydraulic hoist
Hydraulic hoist 2500
Hydraulic hoist 3200
2-part snatch block
Hydraulics
Oil cooler, large
1 radio remote controlled available proportional function
Hydraulic functions for separate traverse
Biodegradable oil
Available hydraulic functions, crane mode
Available hydraulic functions, stabilizer mode
Ball valve for tank
Oil tank 320 l mounted on the crane
Oil tank 390 l mounted on the crane
Prepared for front stabilizer
Temperature monitoring
Mechanical options
Manual extension
Shielding of load-holding valve
Protective guard at the rear of the jib
Mounting bolt kit
Fittings for mounting bolt kits
Stability and safety
High Inclination Protection

Electronic vehicle stability - EVS
AutoSwitch
Cylinder limitation
2-section Cylinder and beam limitation
2CYBEL-I
Limitation of working area – horizontal
Cabin anti-crash
Preparation for alternative stability system
Alarm flash on stabilizer legs
Calibration bypass
Light tower
Beam and height warning
Stabilizer leg warning
Stabilizer beams and legs
Hydraulic stabilizer beams 8.4 m
Hydraulic swing-up stabilizer legs
Manual swing-up stabilizer legs
Footplate with ball joint
Colours
RAL colors

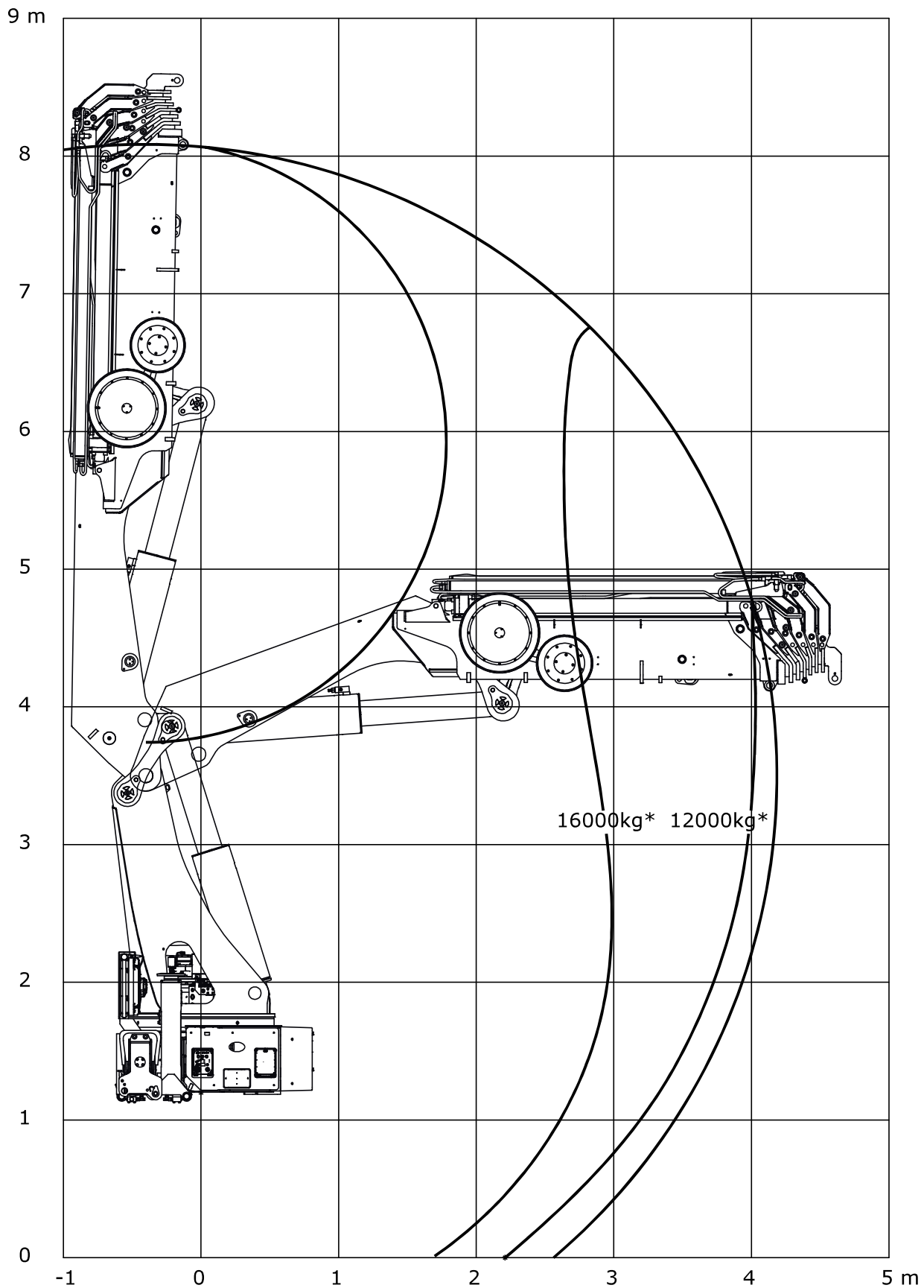
Lifting capacity diagram, K0

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*Defined based on 6120K8

- power to lift.

We reserve the right to introduce improvement and modifications. Production tolerances have to be taken into account.

Lifting capacity diagram, K2

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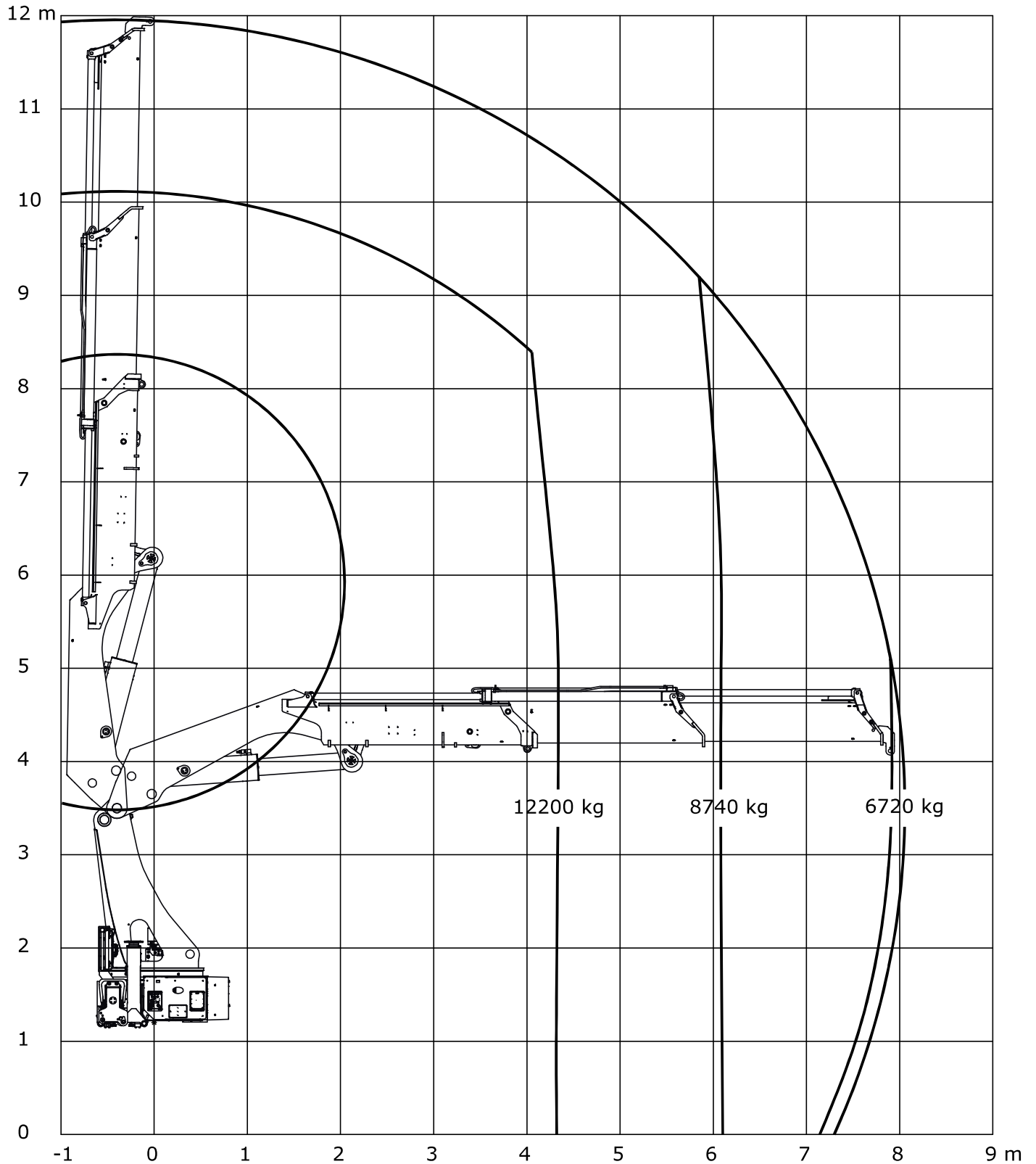
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Lifting capacity diagram, K3

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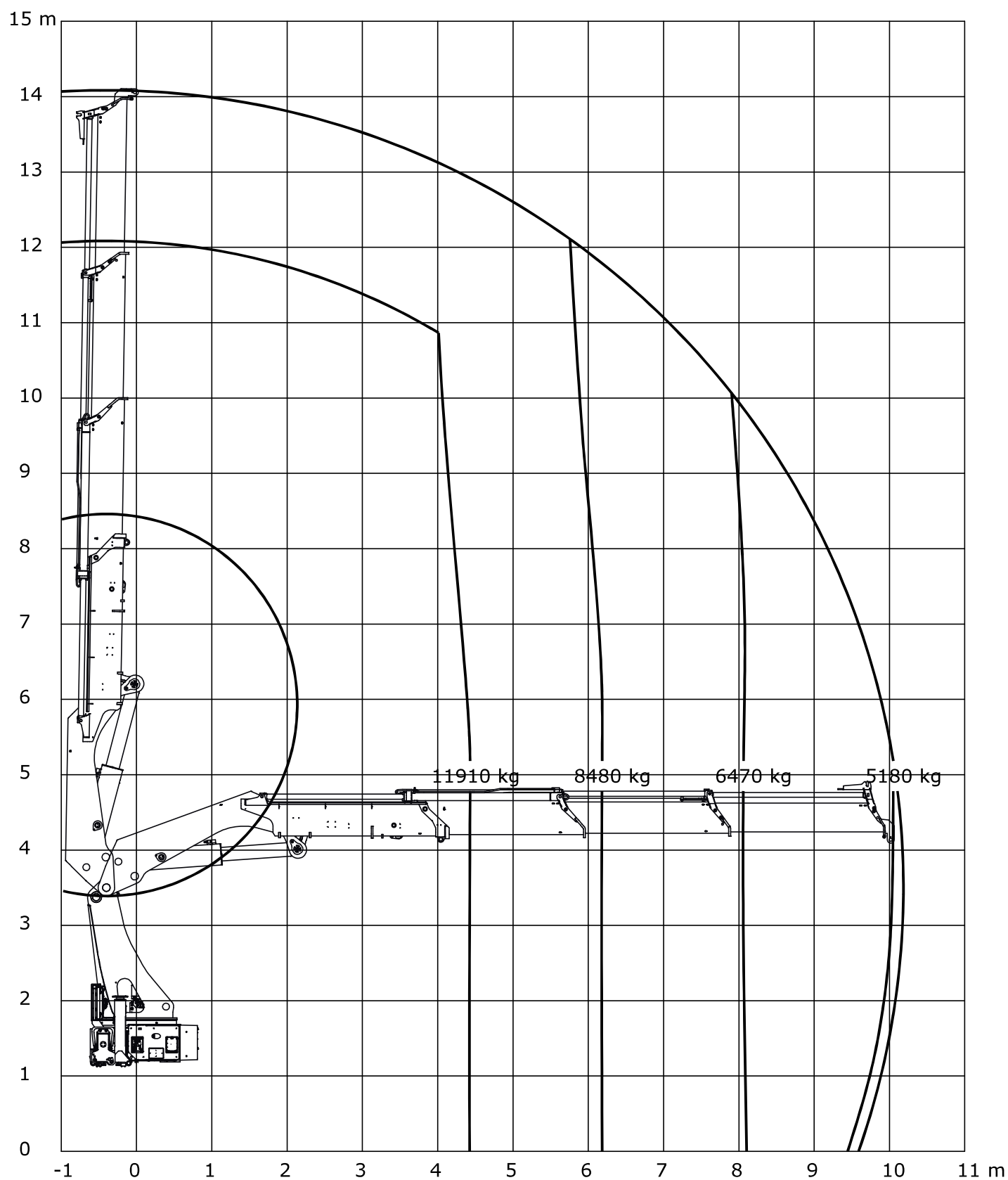
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Lifting capacity diagram, K4

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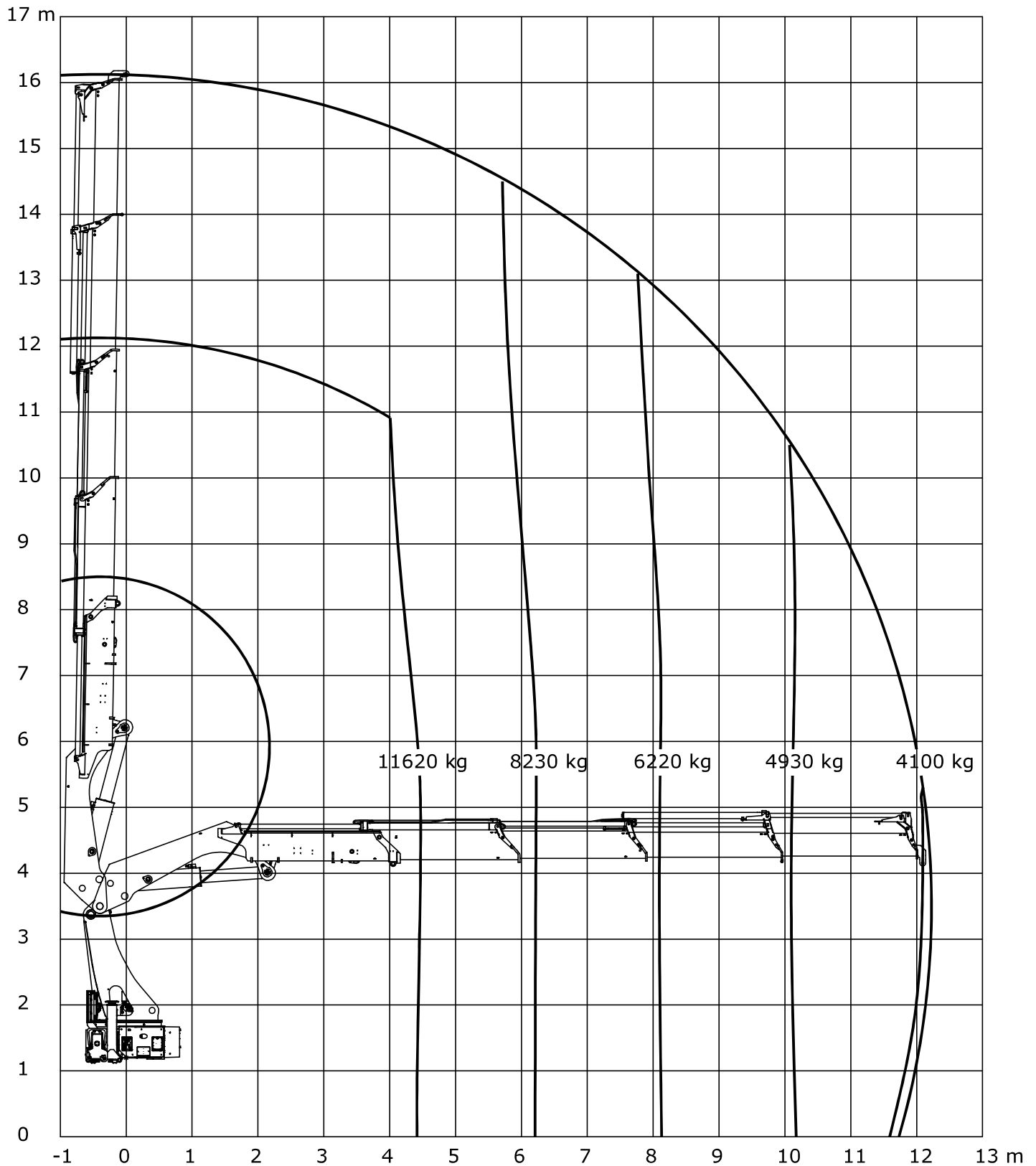
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Lifting capacity diagram, K5

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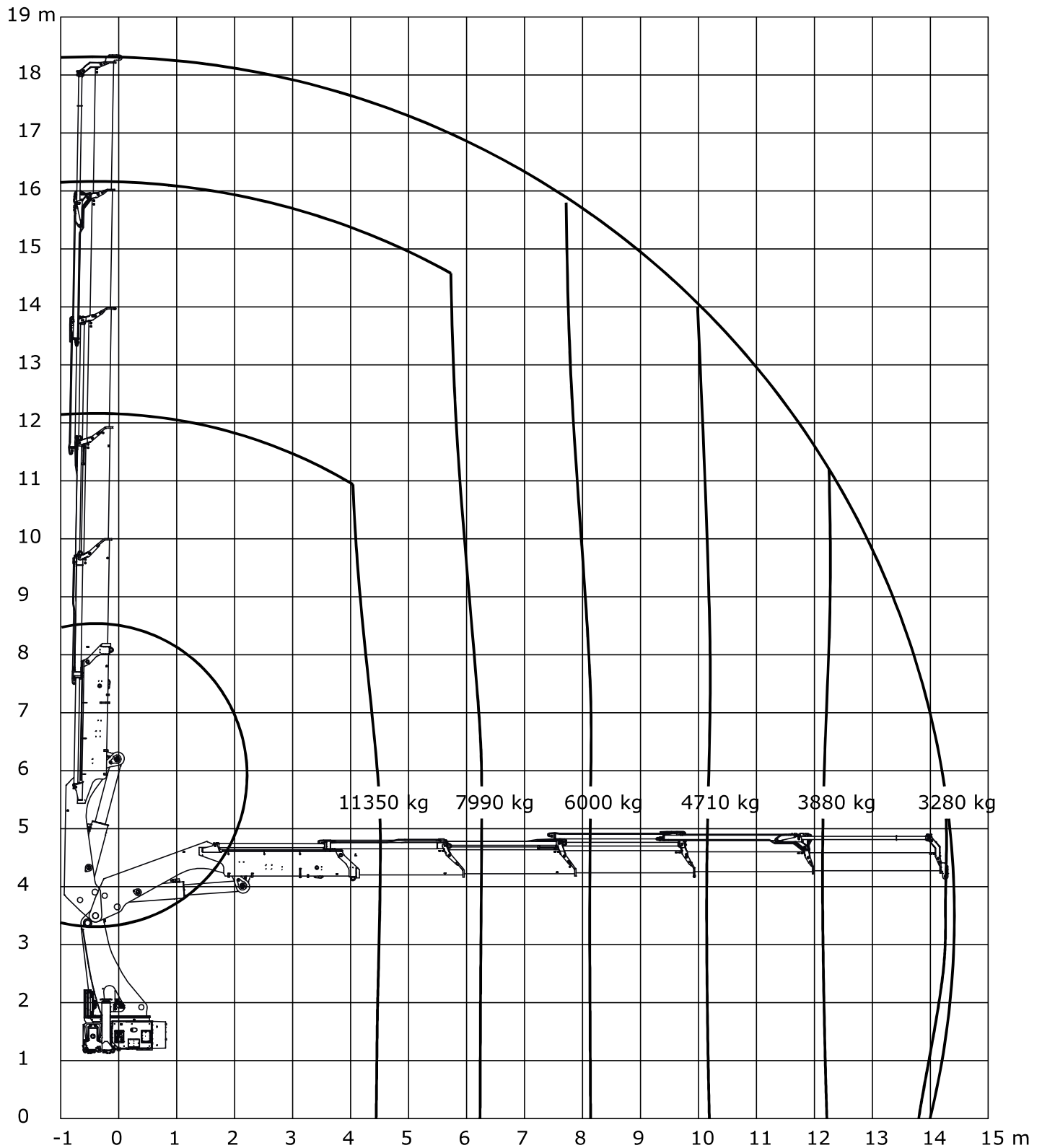
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- power to lift. -



Lifting capacity diagram, K6

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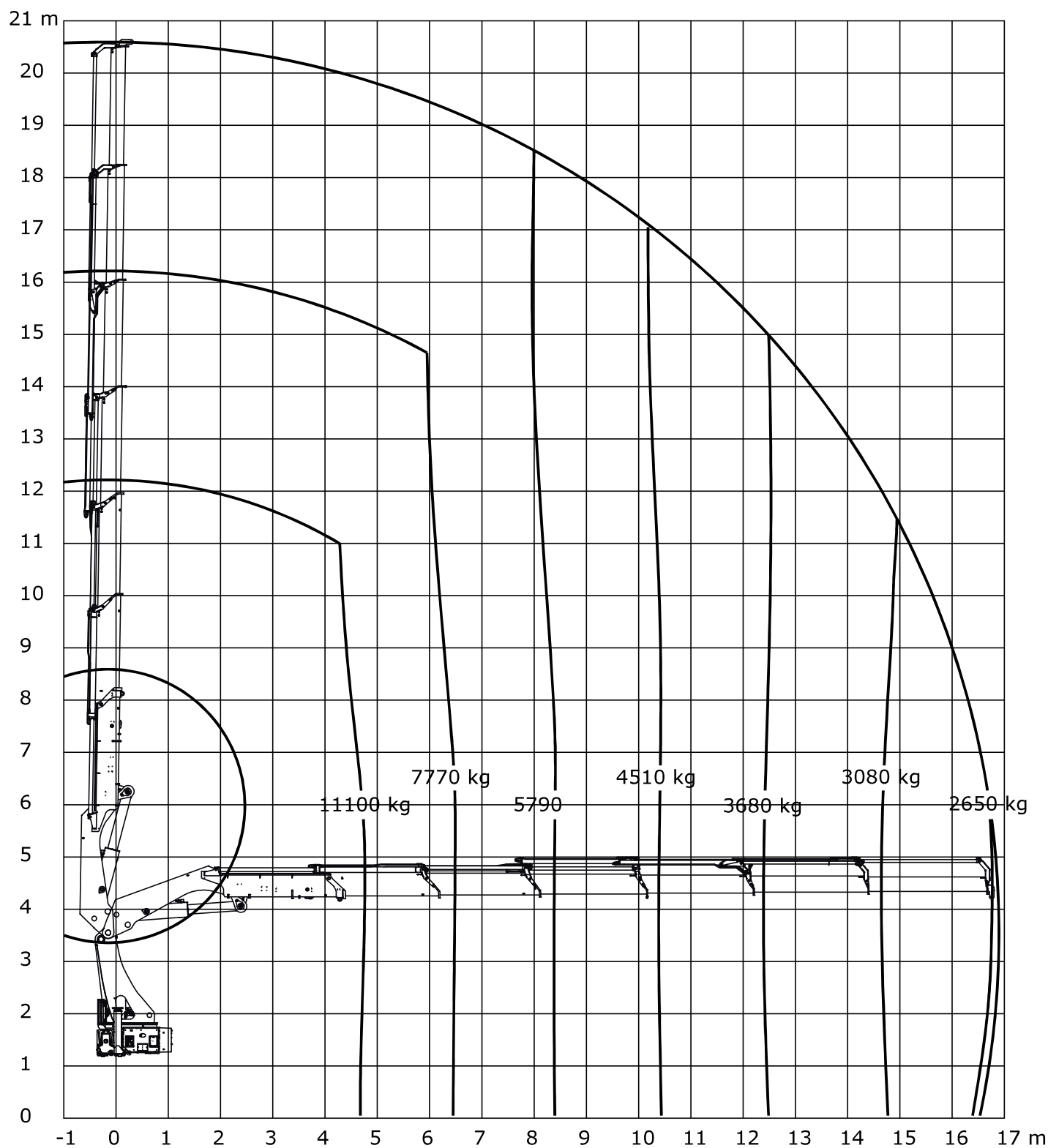
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Lifting capacity diagram, K7

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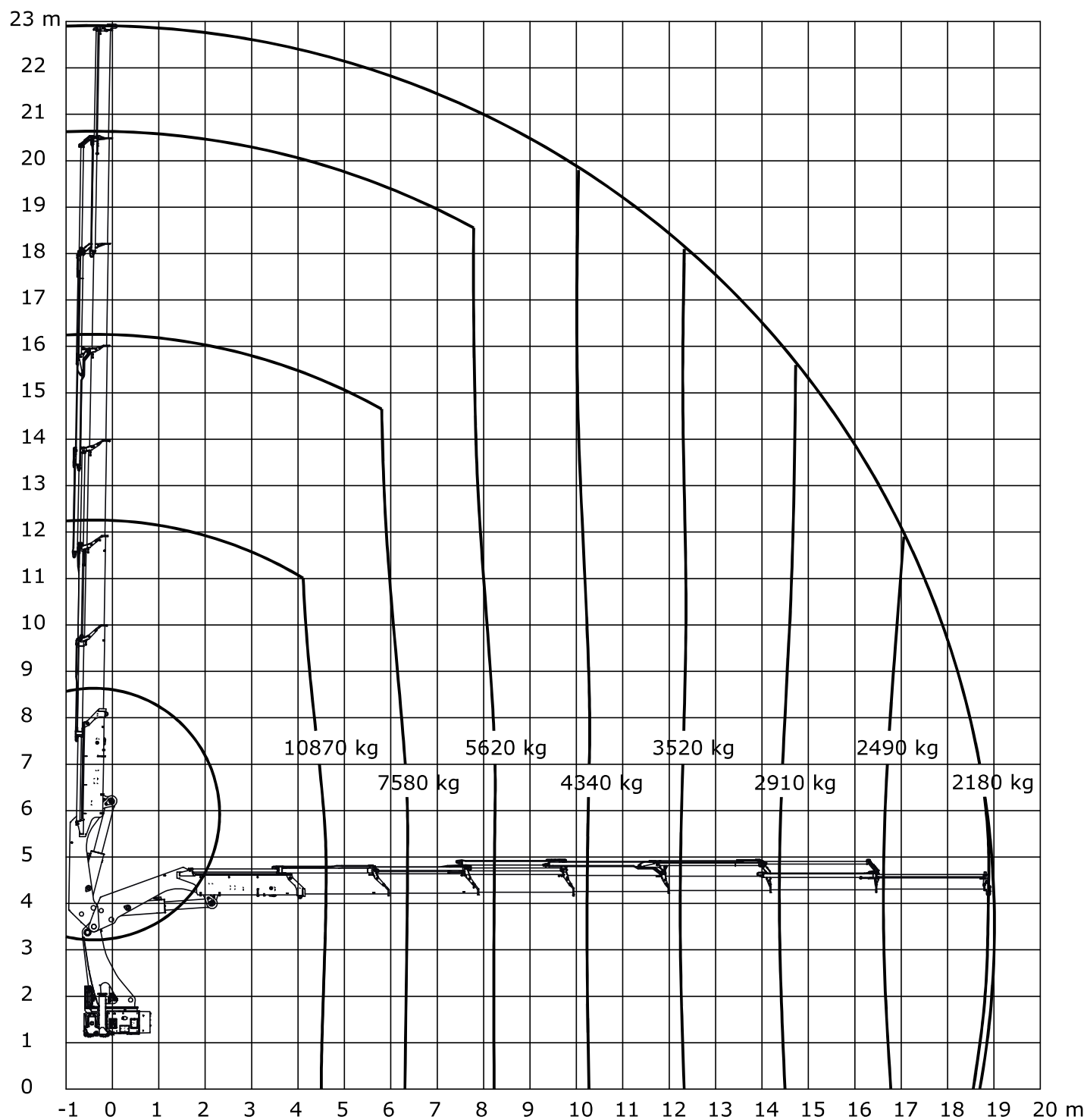
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Lifting capacity diagram, K8

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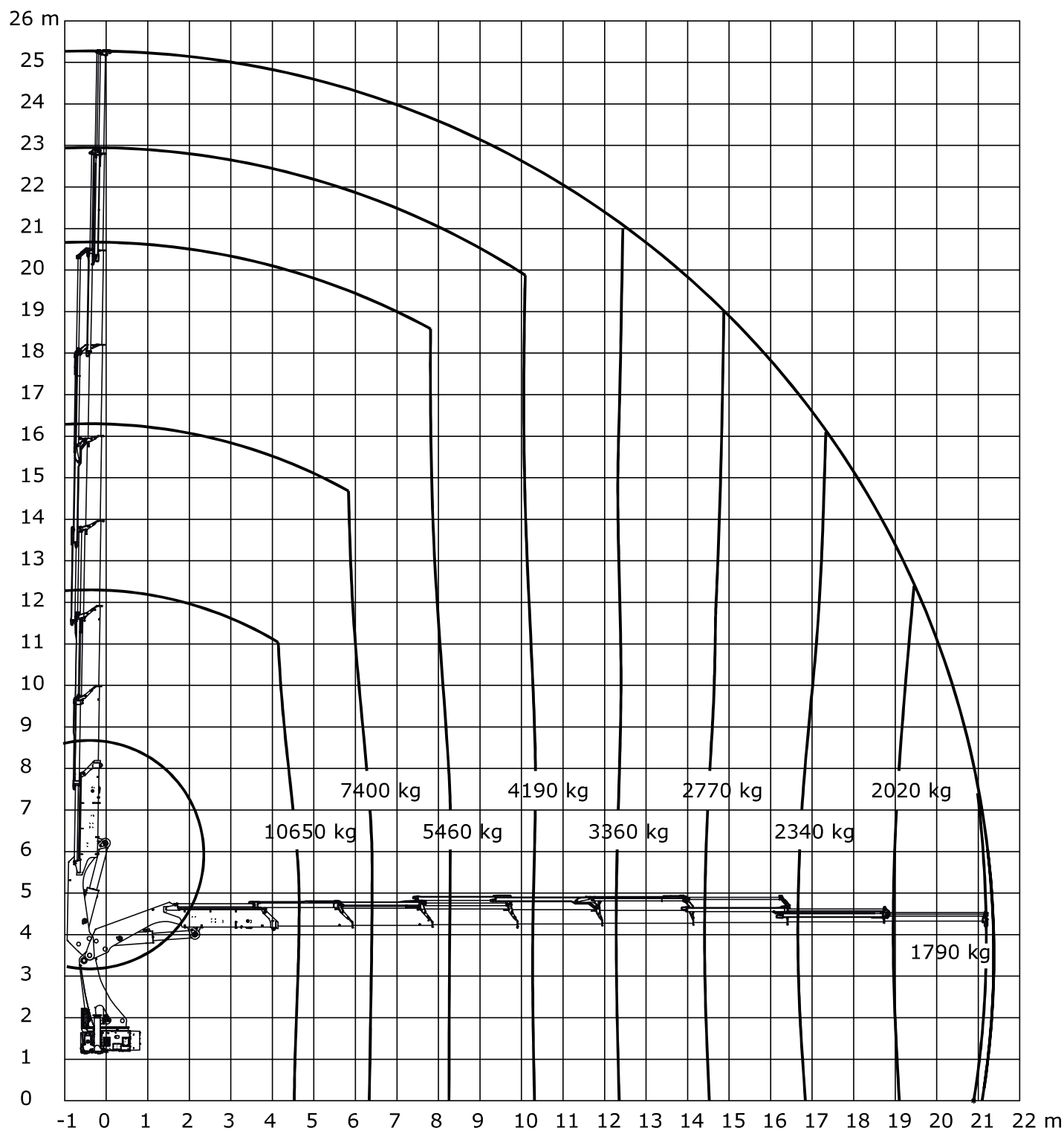
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Lifting capacity diagram, 6120-K7 with FJ600 K4

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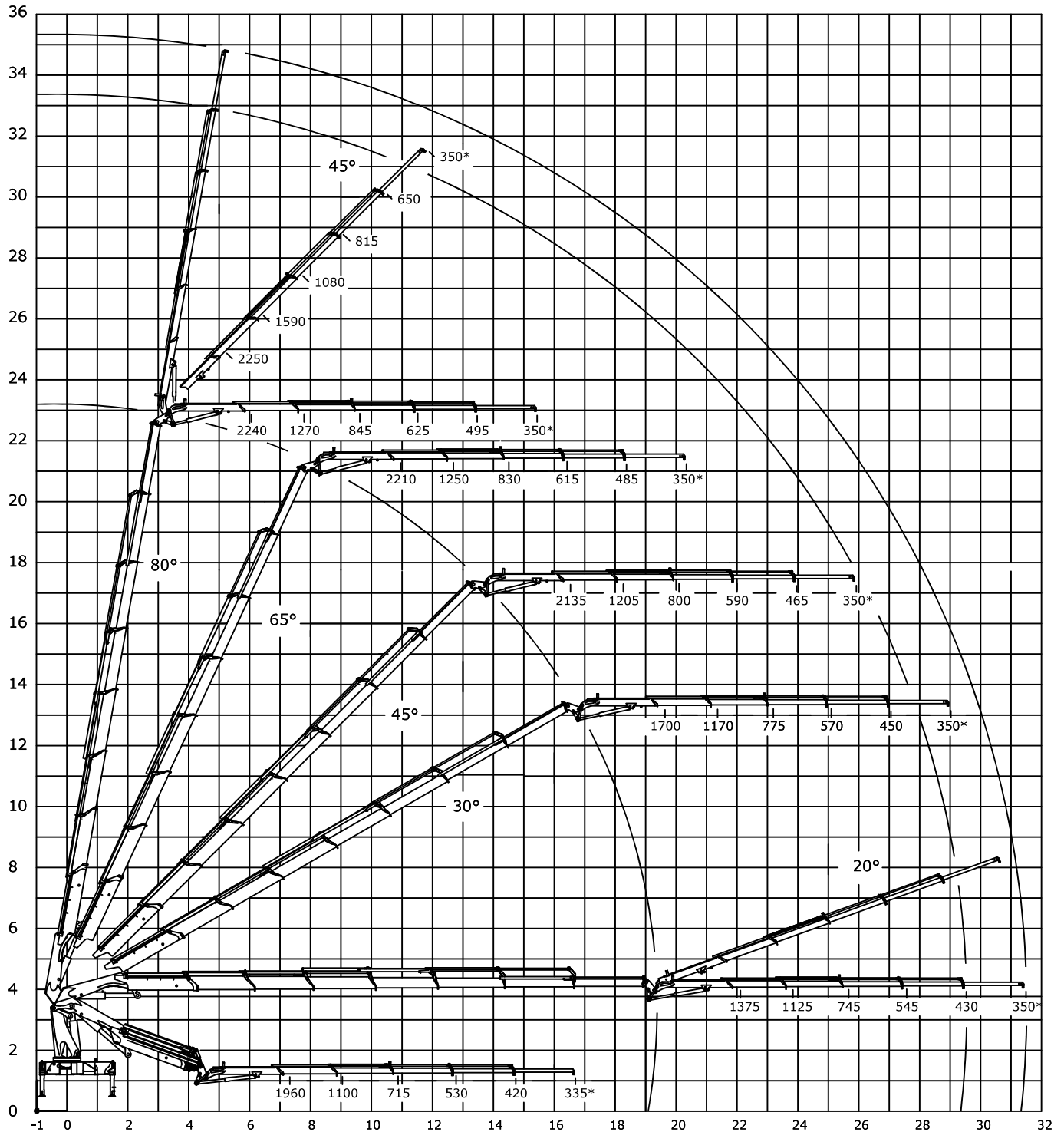
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* With manual extension.

Lifting capacity diagram, 6120-K7 with FJ600 K3

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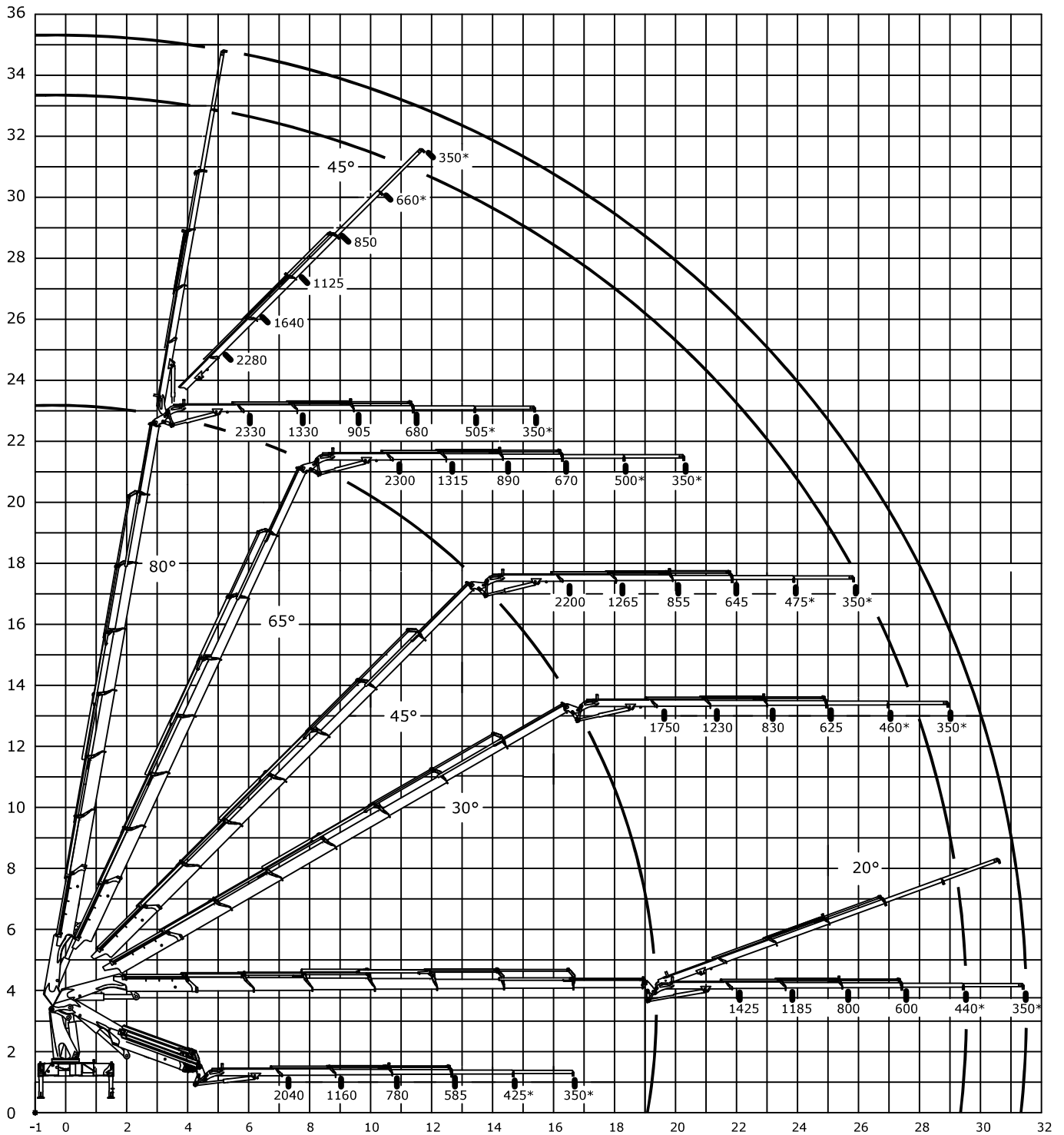
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* With manual extension.

Lifting capacity diagram, 6120-K6 with FJ1000 K5

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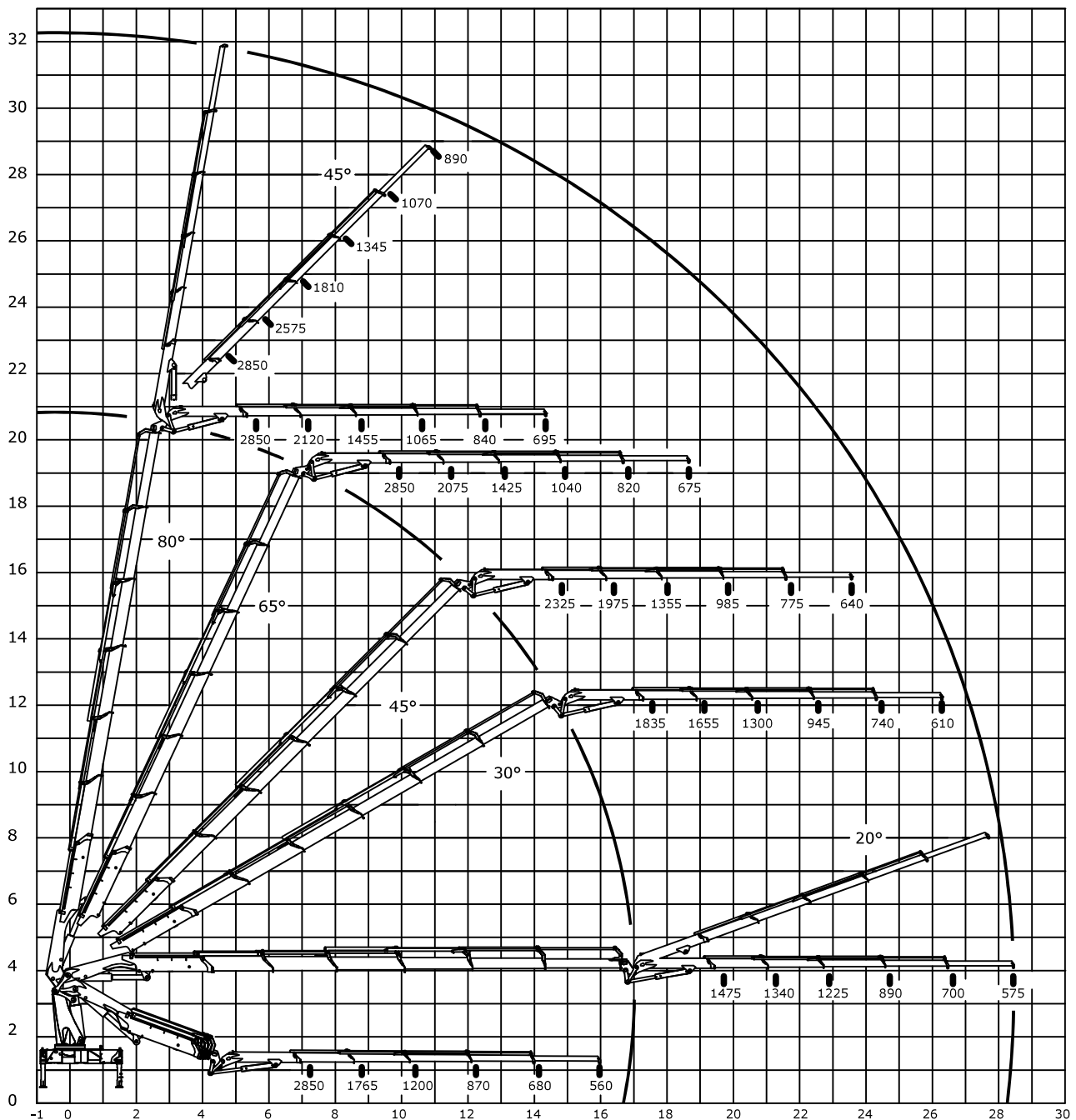
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Technical Information 6120K-RCS



Lifting capacity diagram, 6120-K6 with FJ1000 K4

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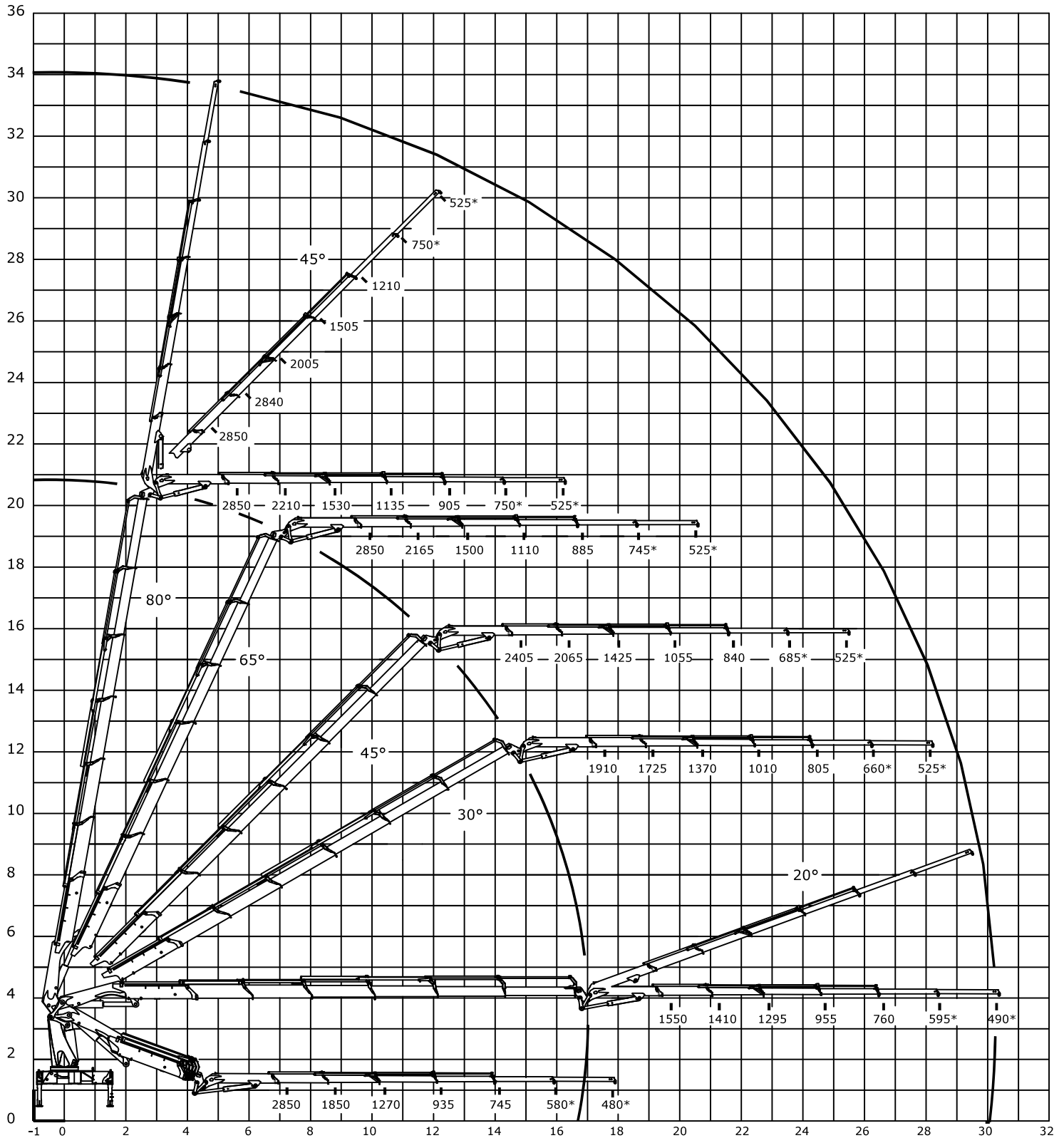
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* With manual extension.

- power to lift. -



Lifting capacity diagram, 6120-K6 with FJ1000 K3

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