FIXED/MARINE MOUNTED CRANE

605TM

AMCO VEBA

A HYVA GROUP COMPANY

TECHNICAL DATA

Max dynamic moment [daNm]	4330

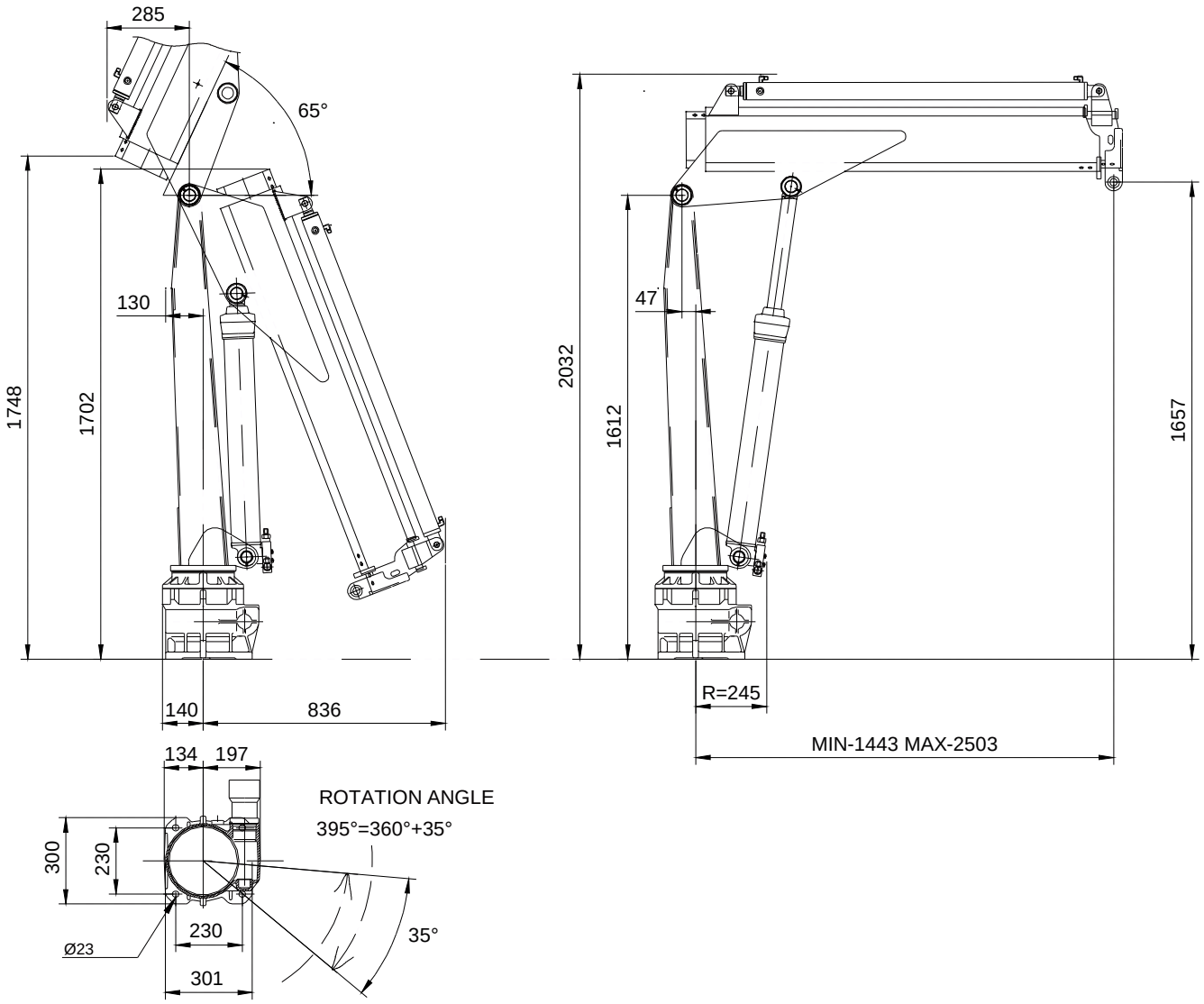
	Version	Q_{max}
Max capacity [kg]	1S	2390
	2S	2255
	3S	2130
	4S	2010

	Version	WITHOUT OPTIONALS
Crane weight [kg] (Hydraulic version)	1S	301
	2S	337
	3S	370
	4S	399

Max working pressure	175 bar
Max oil flow to main relief valve	10 l/min
Oil tank capacity	17.5 l
Slewing moment	450 daNm
Slewing angle	395°
Max working heel	3°
Absorbed power	3.8 kW 5.1 HP
Design standard	DIN 15018 EN 12999

PTO Hydraulic crane versions
Distributor Pressure line = 3/8” P valve port - 9/16-18 Jic Fitting mounted
Distributor Tank line = 3/8” T valve port –3/4-16Jic Fitting mounted
Tank Suction line = 3/4” Plug mounted
Return Filter line = 3/8” filter port - 3/4-16 Jic Fitting mounted
ETR crane versions (NOT RECOMENDED IN MARINE ENVIROMENT)
Distributor Pressure line = 3/8” P valve port - 9/16-18 Jic Fitting mounted
Distributor Tank line = 3/8” T valve port –3/4-16Jic Fitting mounted
Power Pack Pressure line = 1/4” P port - 9/16-18 Jic Fitting mounted
Power Pack Tank line = 1/4” T port - 9/16-18 Jic Fitting mounted

OVERALL DIMENSIONS 1S



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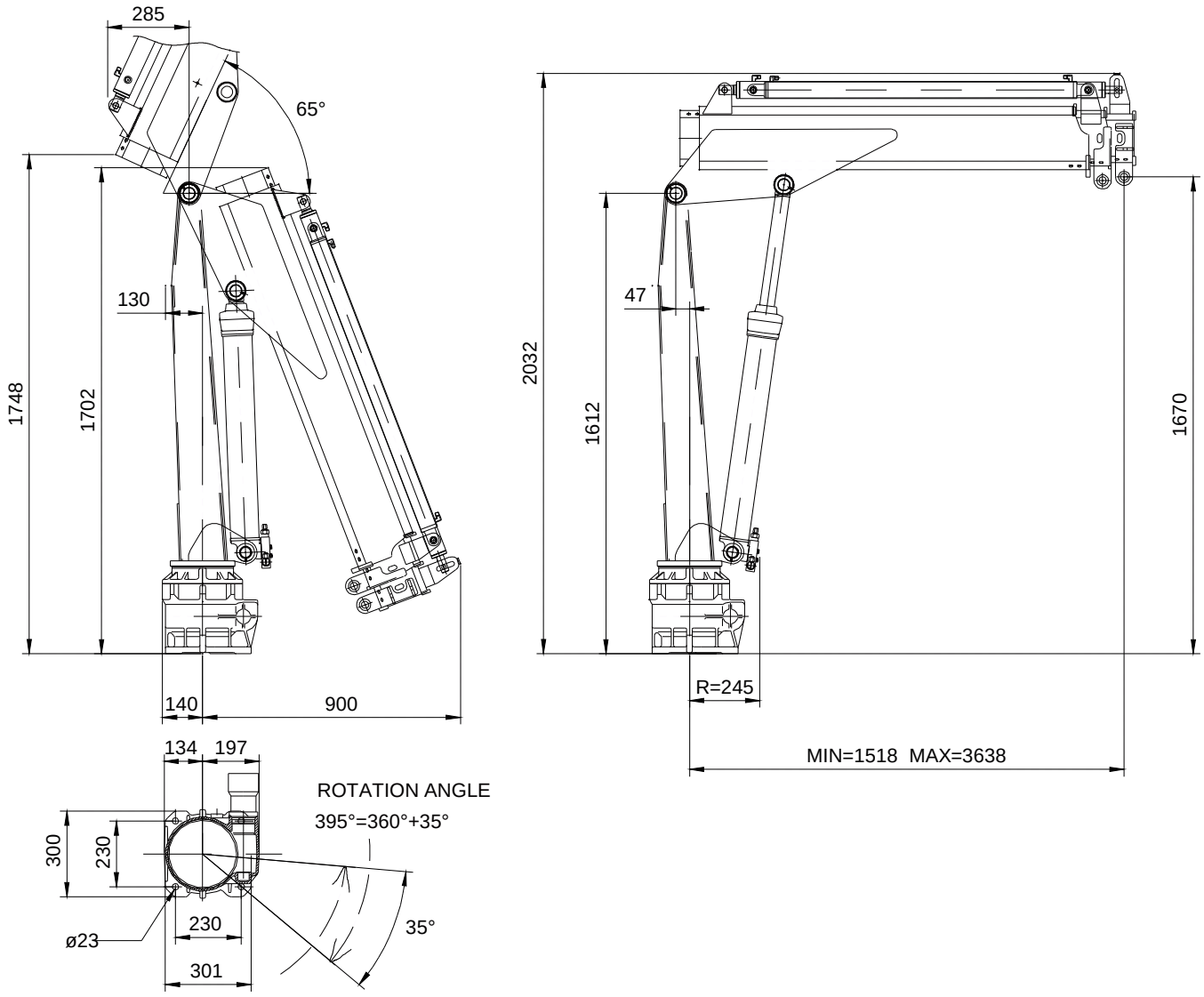

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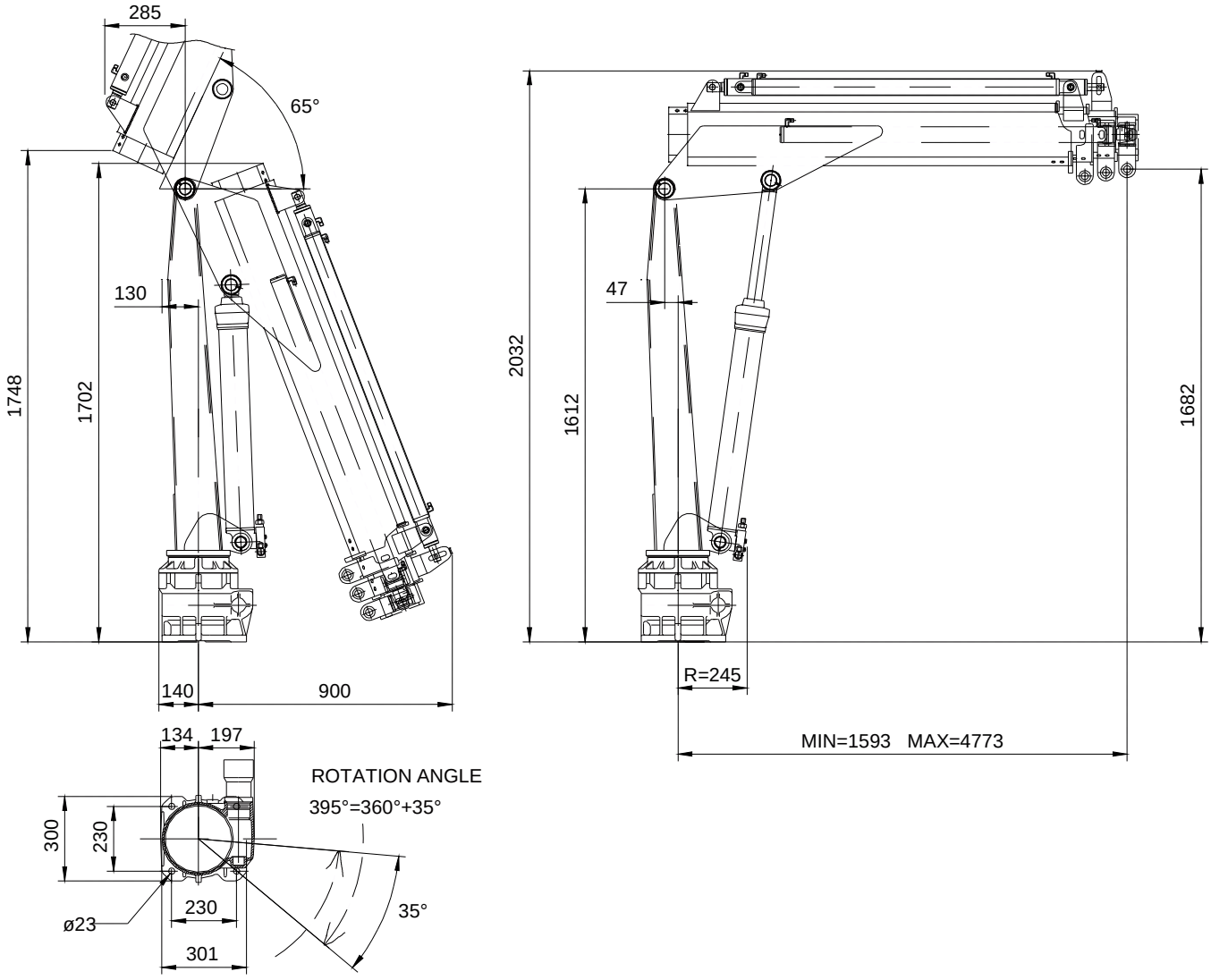

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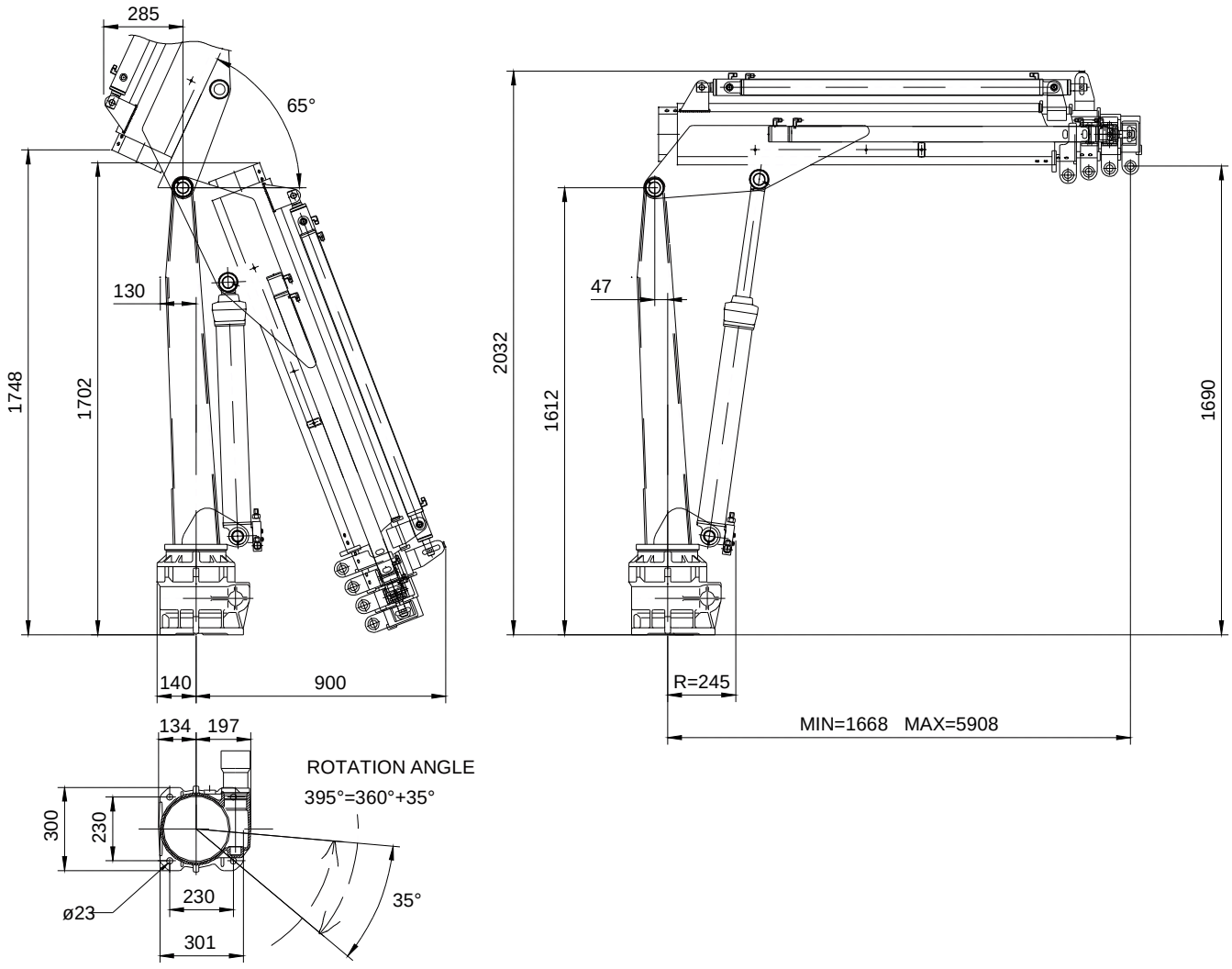

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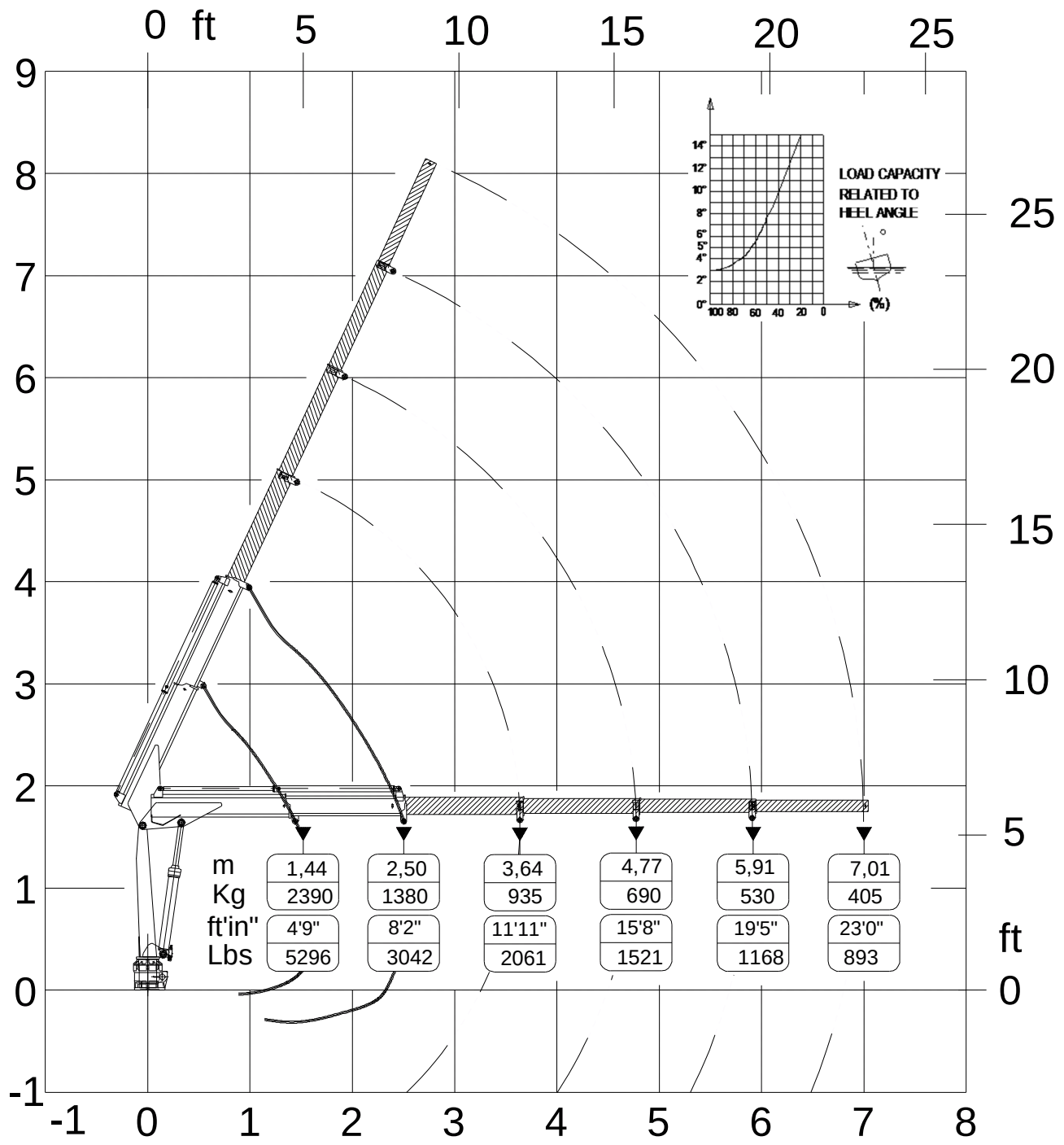

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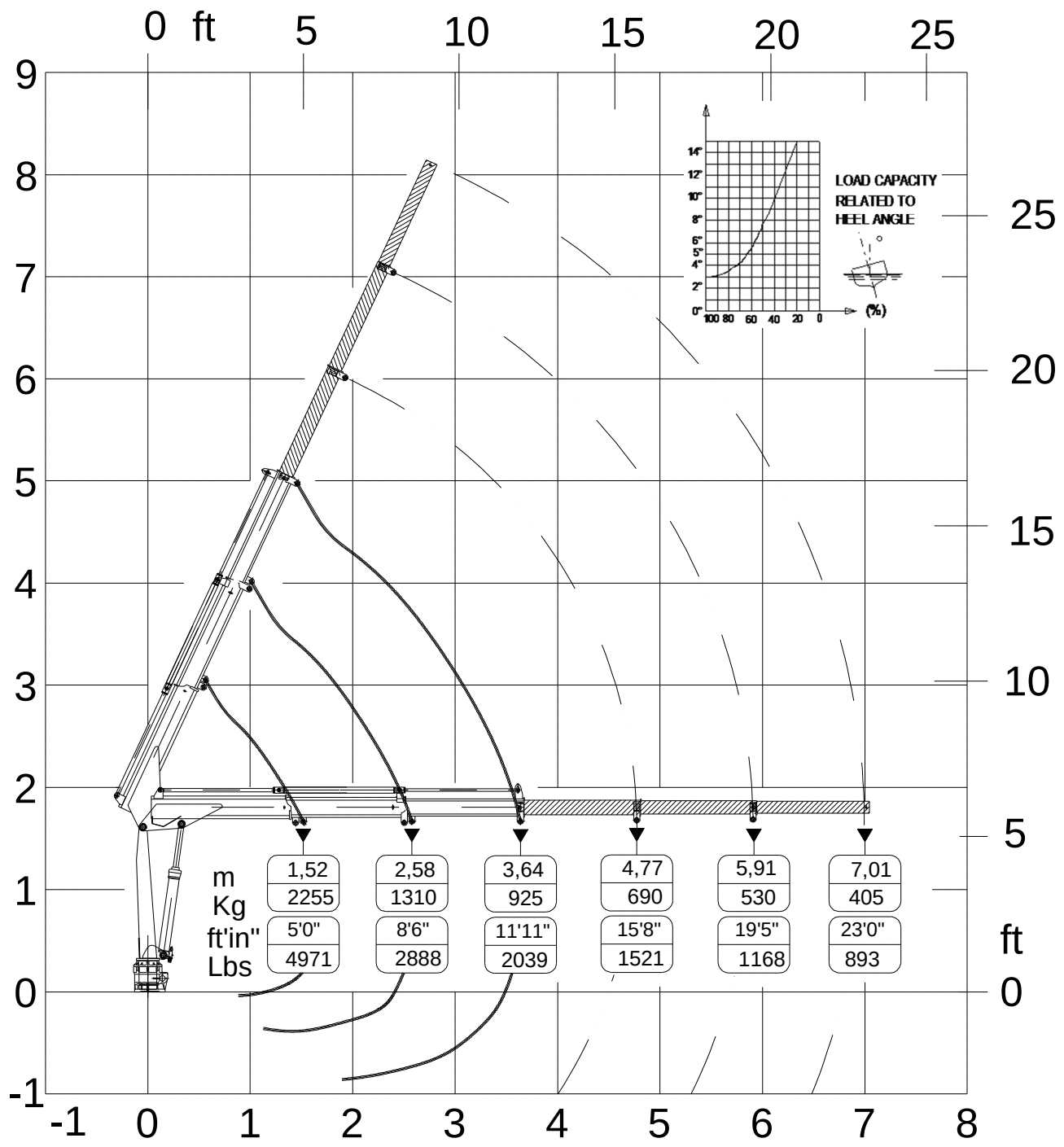

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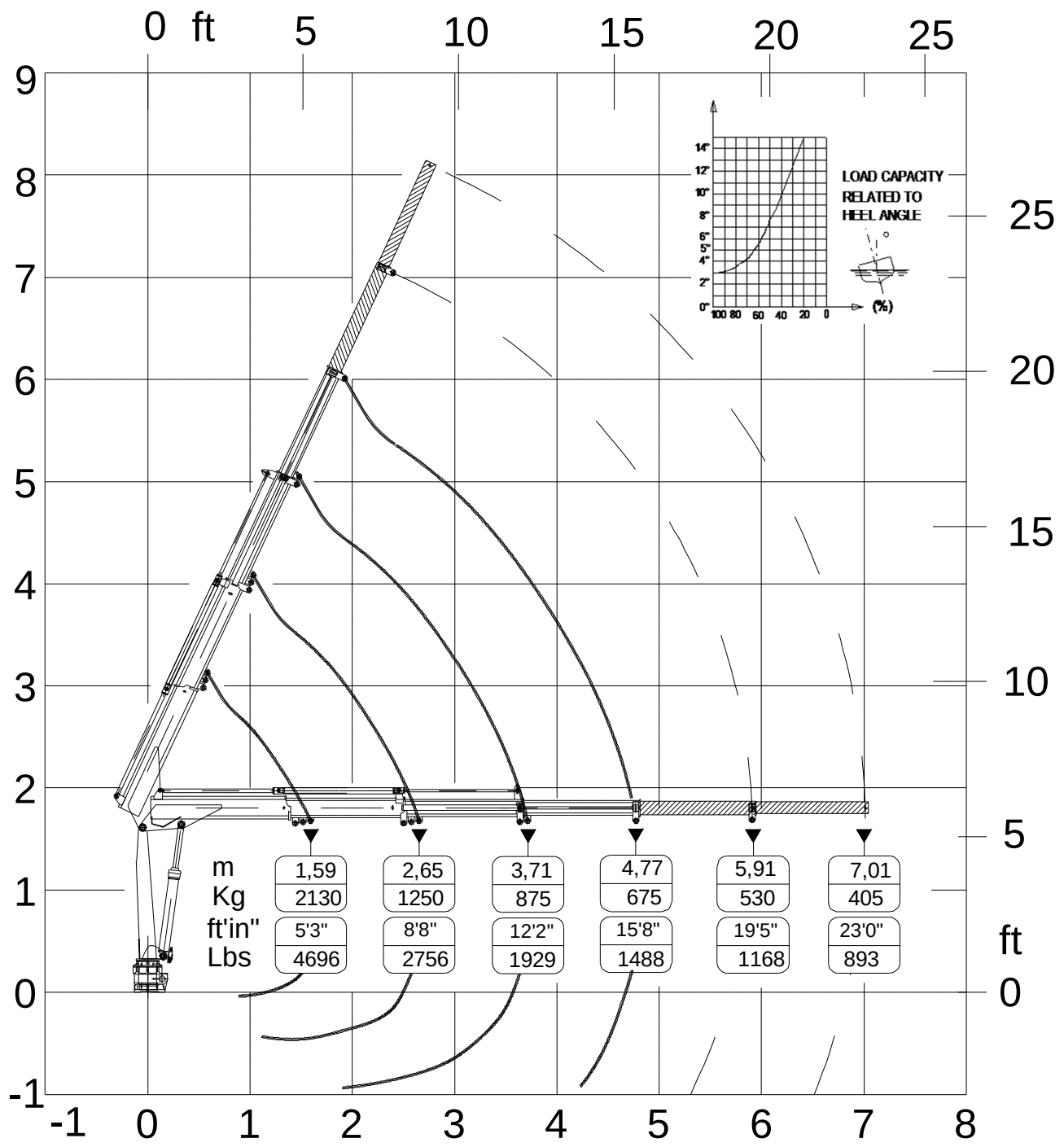

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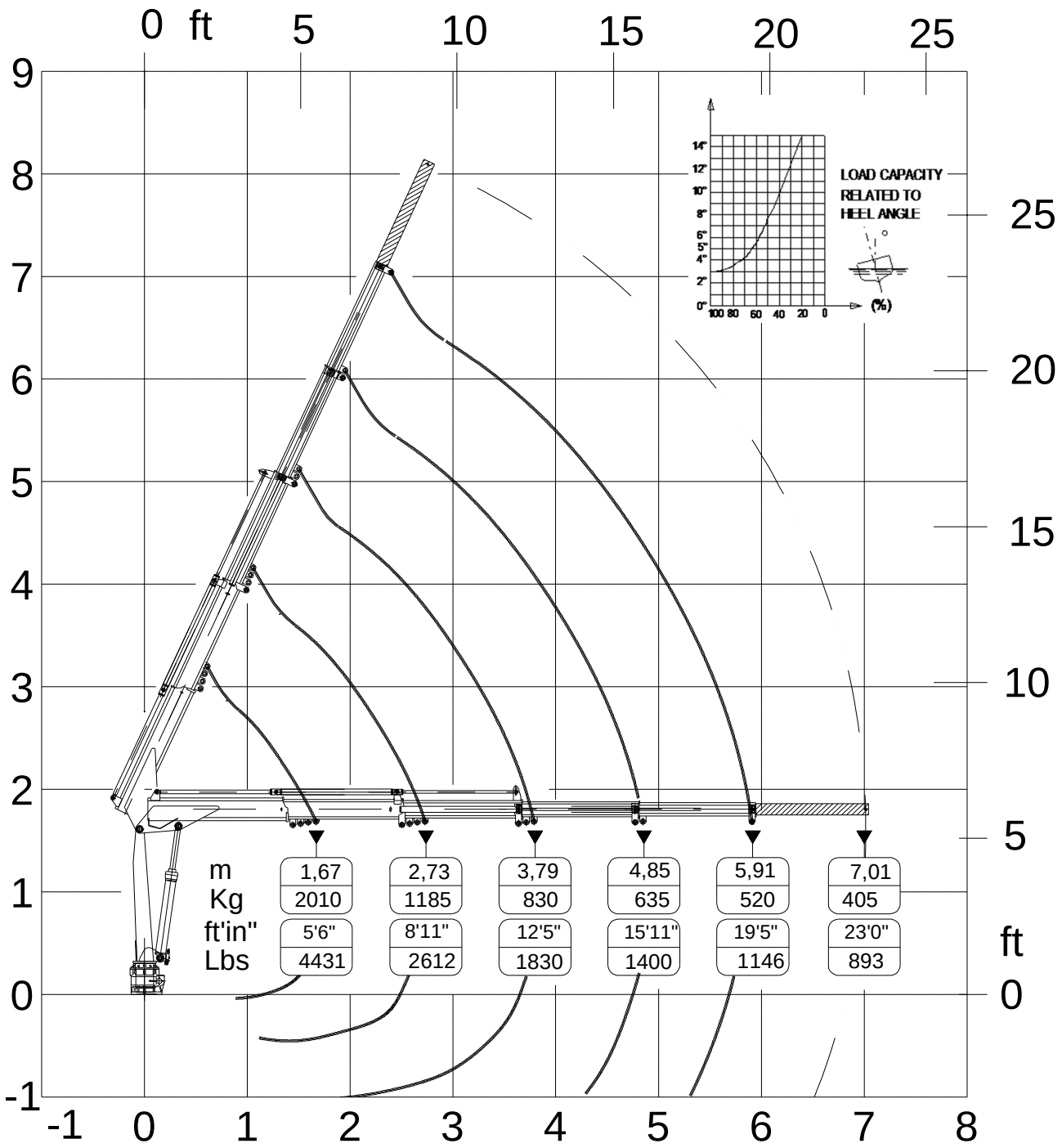
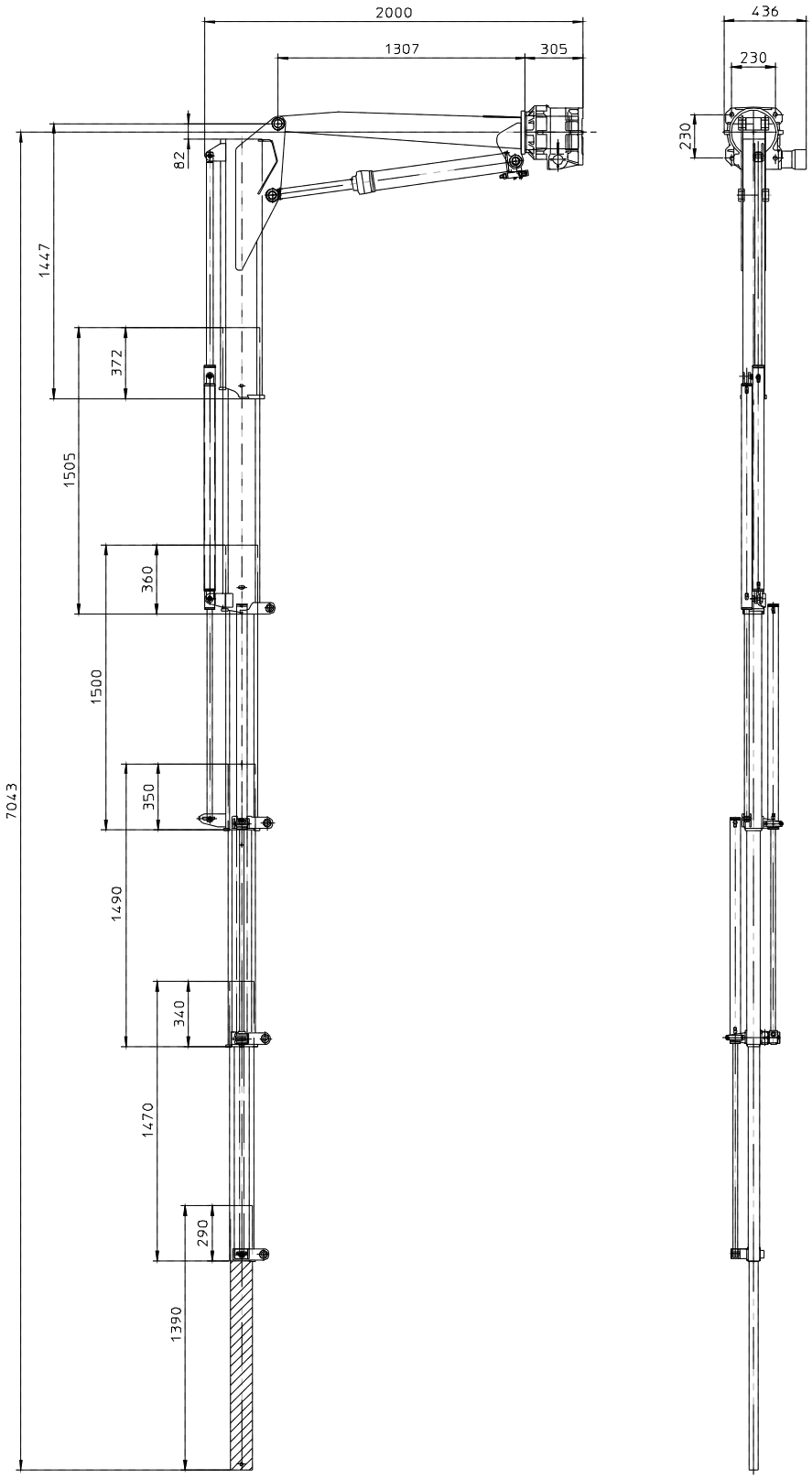


COLUMN - BOOM - DIMENSIONS



CYLINDERS AND PINS DIMENSIONS

LIFTING CYLINDER

Cylinder bore	90
Cyl. ext. diameter	100
Rod diameter	50
Centers (open)	1612.5
Centers (closed)	916.5
Stroke	696
Artic. pin ∅	40
Pin material	C40 NORM

1ST EXTENSION CYLINDER

Cylinder bore	50
Cyl. ext. diameter	60
Rod diameter	35
Centers (open)	2330
Centers (closed)	1270
Stroke	1060
Artic. pin ∅	20
Pin material	C40

2ND EXTENSION CYLINDER

Cylinder bore	45
Cyl. ext. diameter	55
Rod diameter	25
Centers (open)	2030
Centers (closed)	1270
Stroke	1060
Artic. pin ∅	15
Pin material	39NiCrMo3 QT

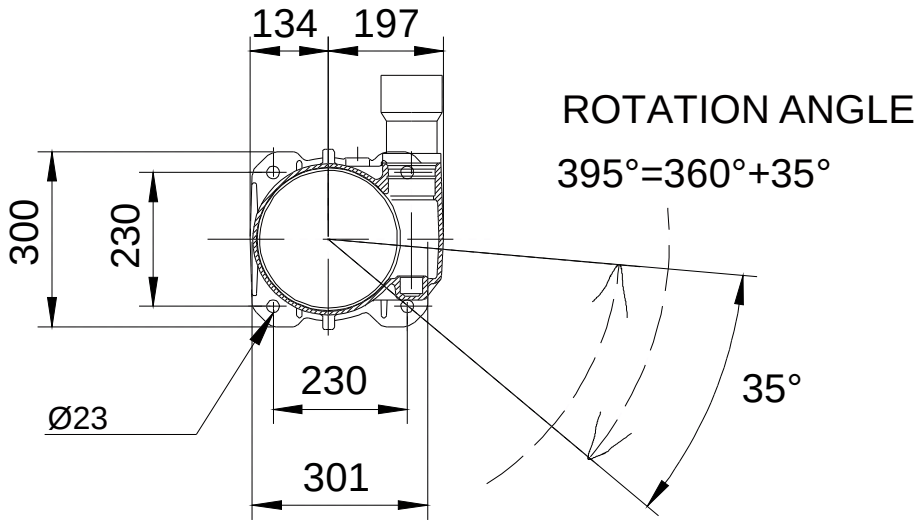
3RD EXTENSION CYLINDER

Alesaggio *Cylinder bore*	45
Diametro esterno *Cyl. ext. diameter*	55
Diametro stelo *Rod diameter*	25
Interasse aperto *Centers (open)*	1131.5
Interasse chiuso *Centers (closed)*	71.5
Corsa *Stroke*	1060
Artic. pin ∅	N° 2 M10
Pin material	Classe 8.8

4ND EXTENSION CYLINDER

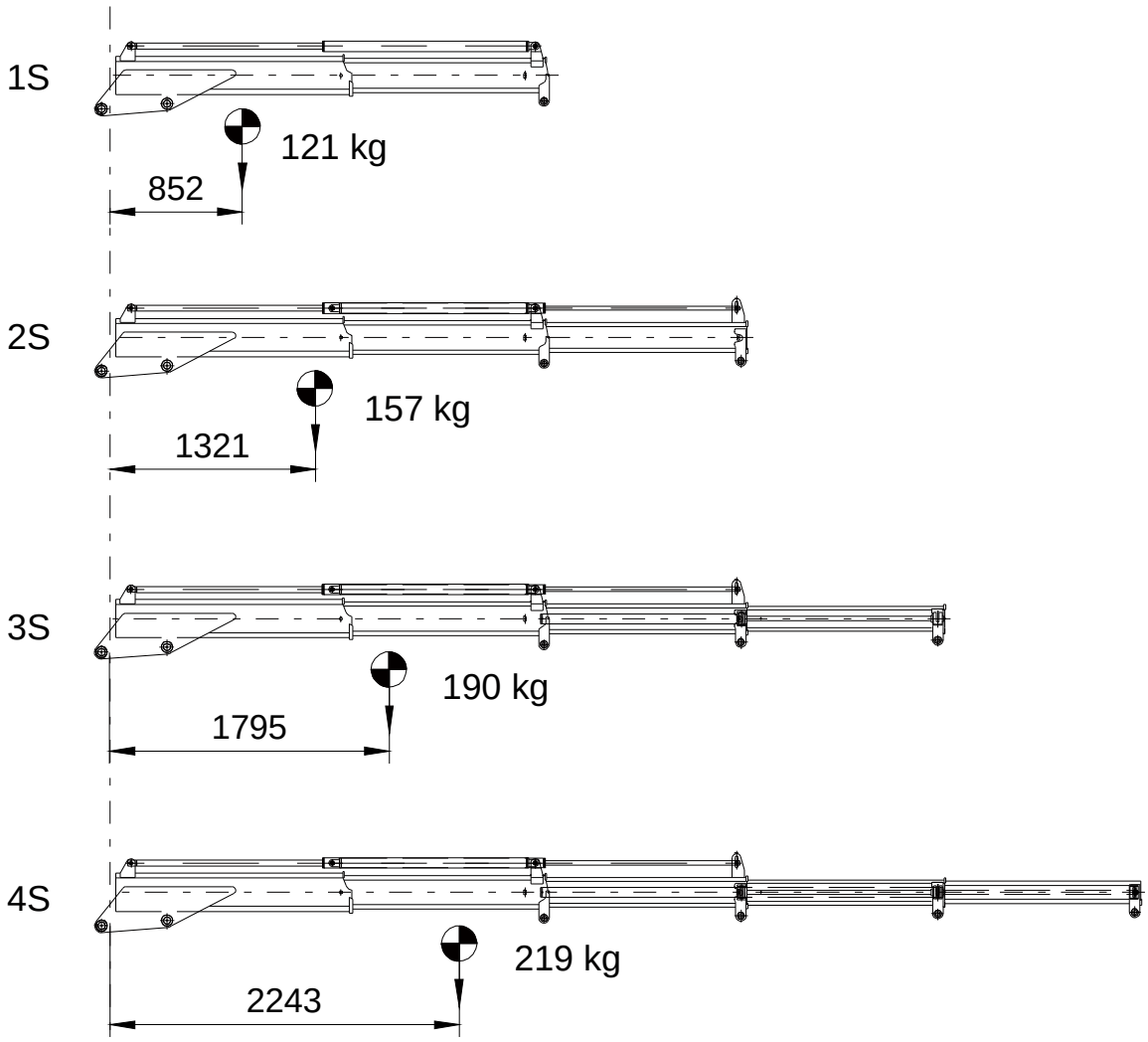
Cylinder bore	45
Cyl. ext. diameter	55
Rod diameter	25
Centers (open)	1131.5
Centers (closed)	71.5
Stroke	1060
Artic. pin ∅	N°2 M10
Pin material	Classe 8.8

BASE DIMENSIONS TIE MOUNTING RODS



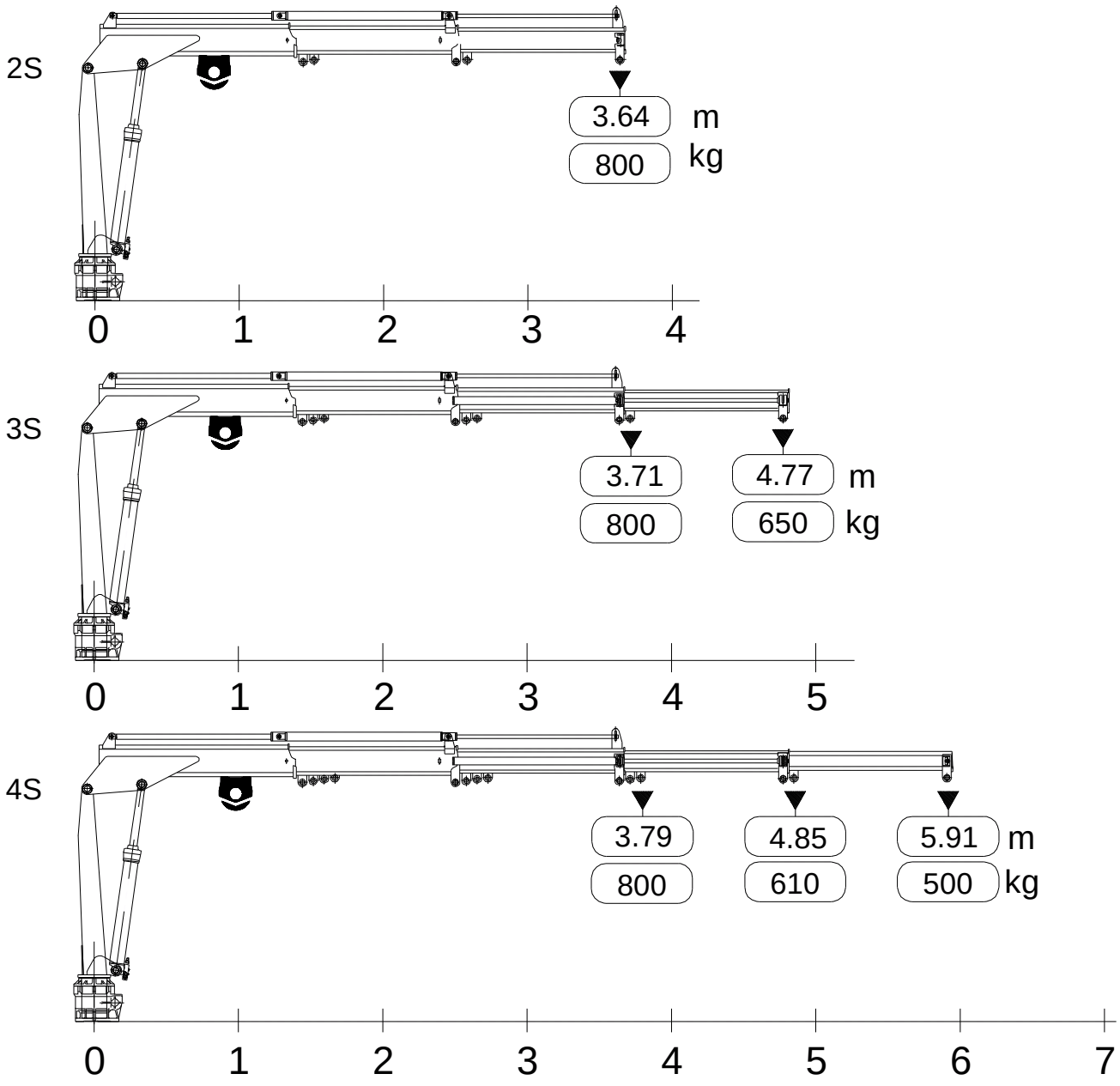
Fixing bolts	N°4 M22x2.5 L=80 10.9 DIN 6914	**Tightening torque**	360 Nm

WEIGHTS - CENTERS OF GRAVITY



	Crane only
Fixed parts weight	180

HYDRAULIC WINCH DATA

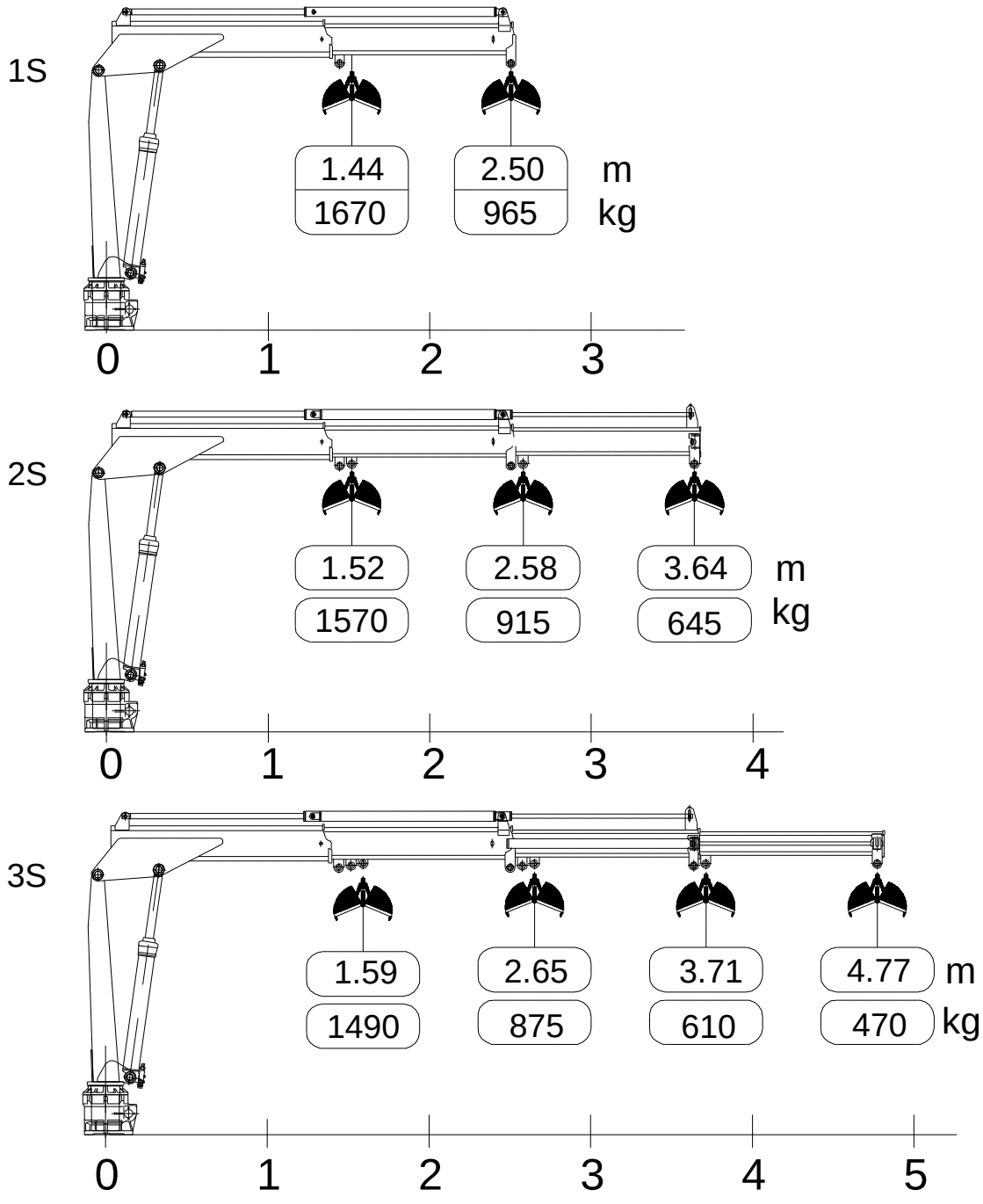


CRANE 1S - 2S

Max winch direct pull [kg]	800

CRANE 3S - 4S

Max winch direct pull [kg]	500

GRAB - BUCKET DATA

Max allowable weight	70 kg
Max working pressure	140 bar