

FIXED/MARINE MOUNTED CRANE 605TM



Max dynamic moment [daNm]	4330
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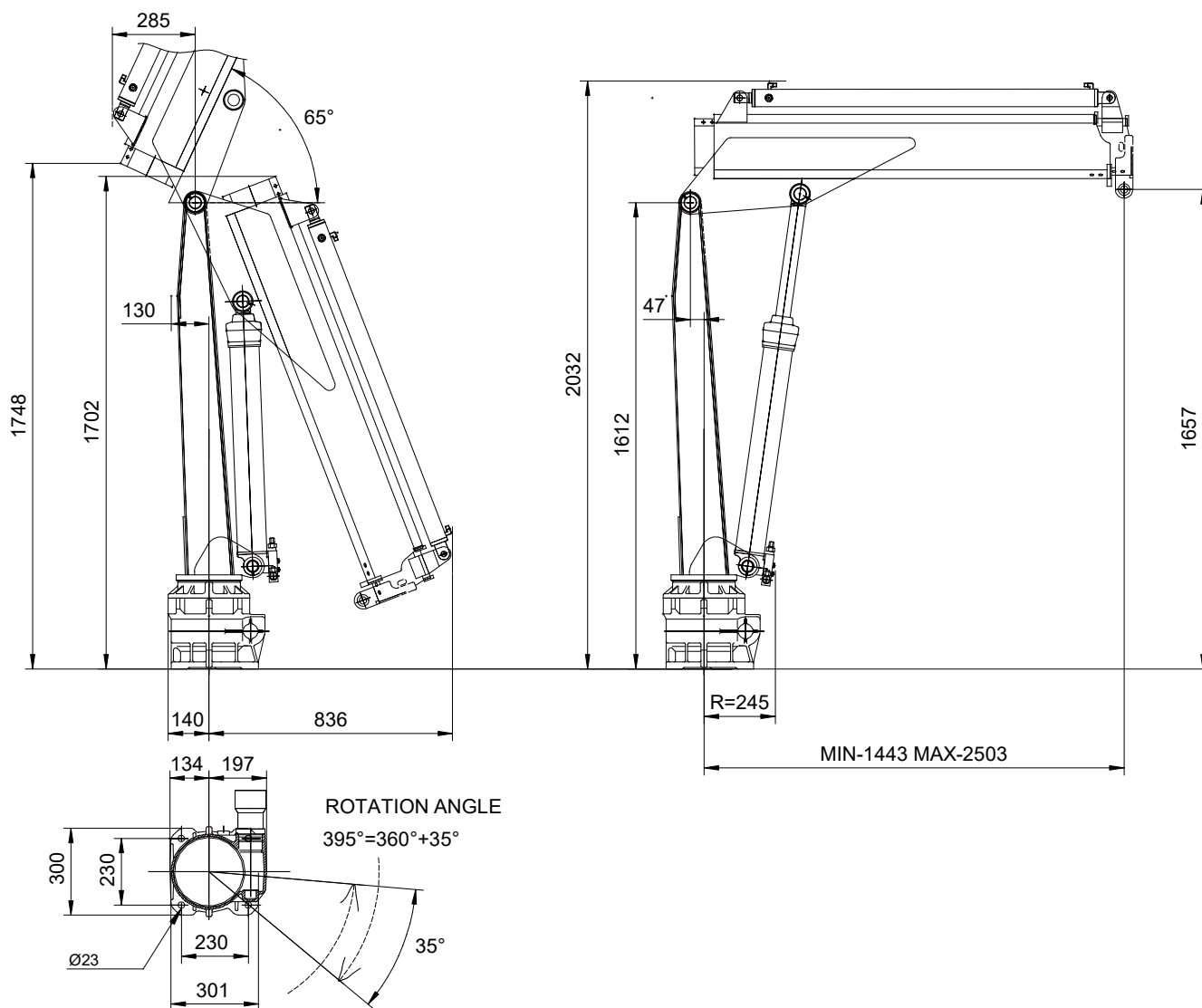
	Version	Q _{max}
Max capacity [kg]	1S	2390
	2S	2255
	3S	2130
	4S	2010

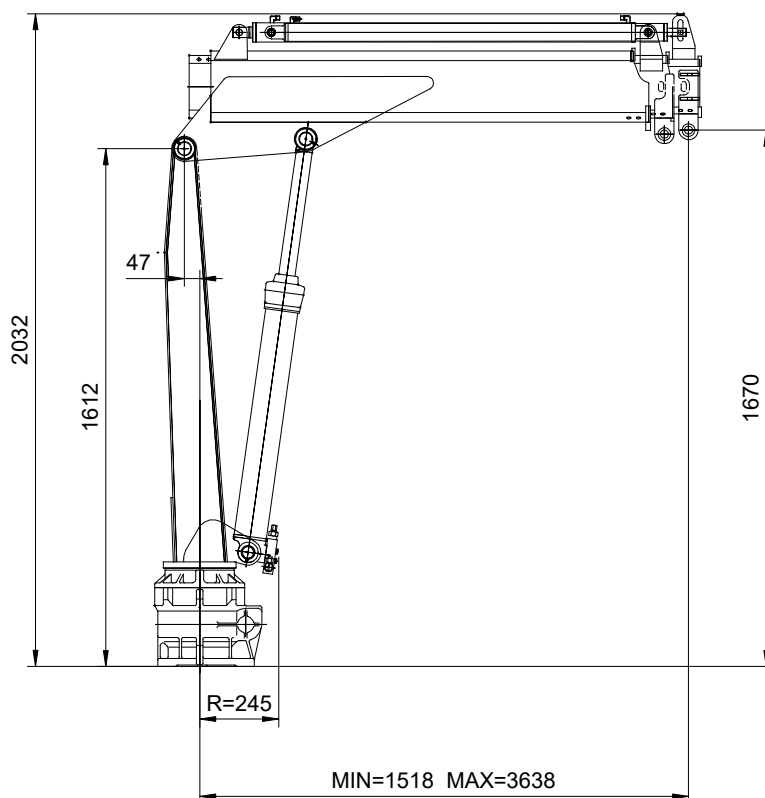
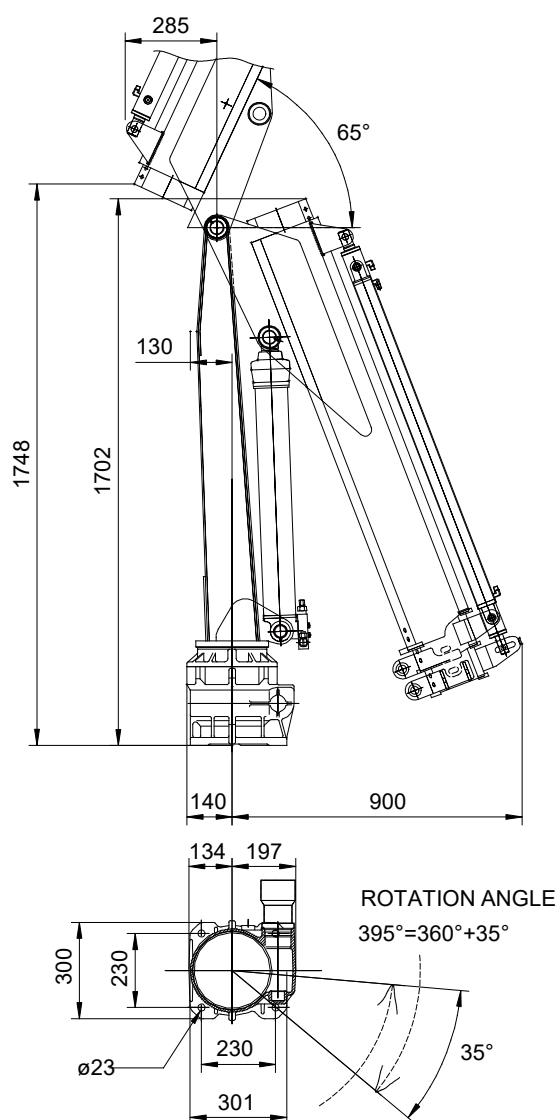
	Version	WITHOUT OPTIONALS
Crane weight [kg] (Hydraulic version)	1S	301
	2S	337
	3S	370
	4S	399

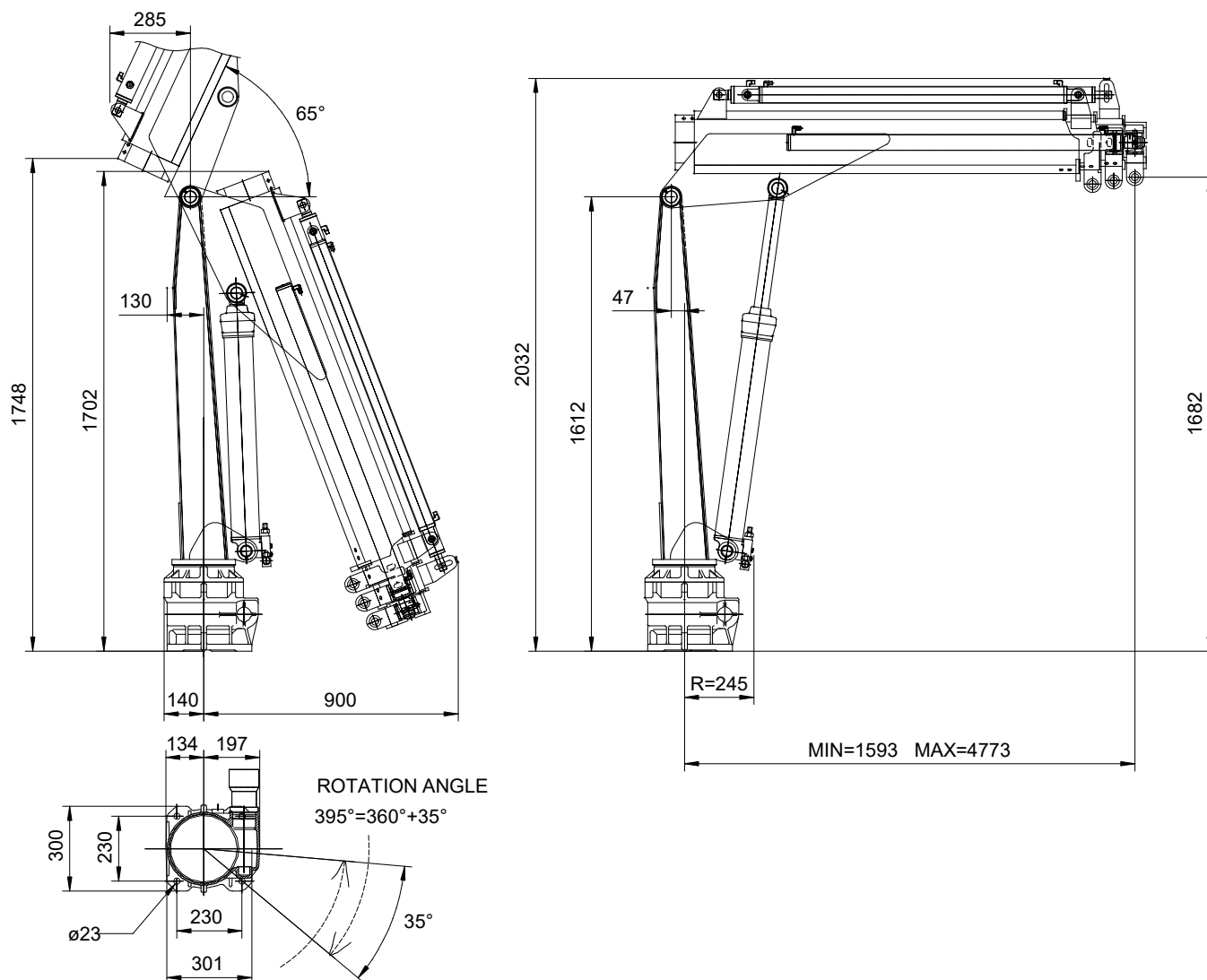
Max working pressure	175 bar
Max oil flow to main relief valve	10 l/min
Oil tank capacity	17.5 l
Slewing moment	450 daNm
Slewing angle	395°
Max working heel	3°
Absorbed power	3.8 kW 5.1 HP
Design standard	DIN 15018 EN 12999

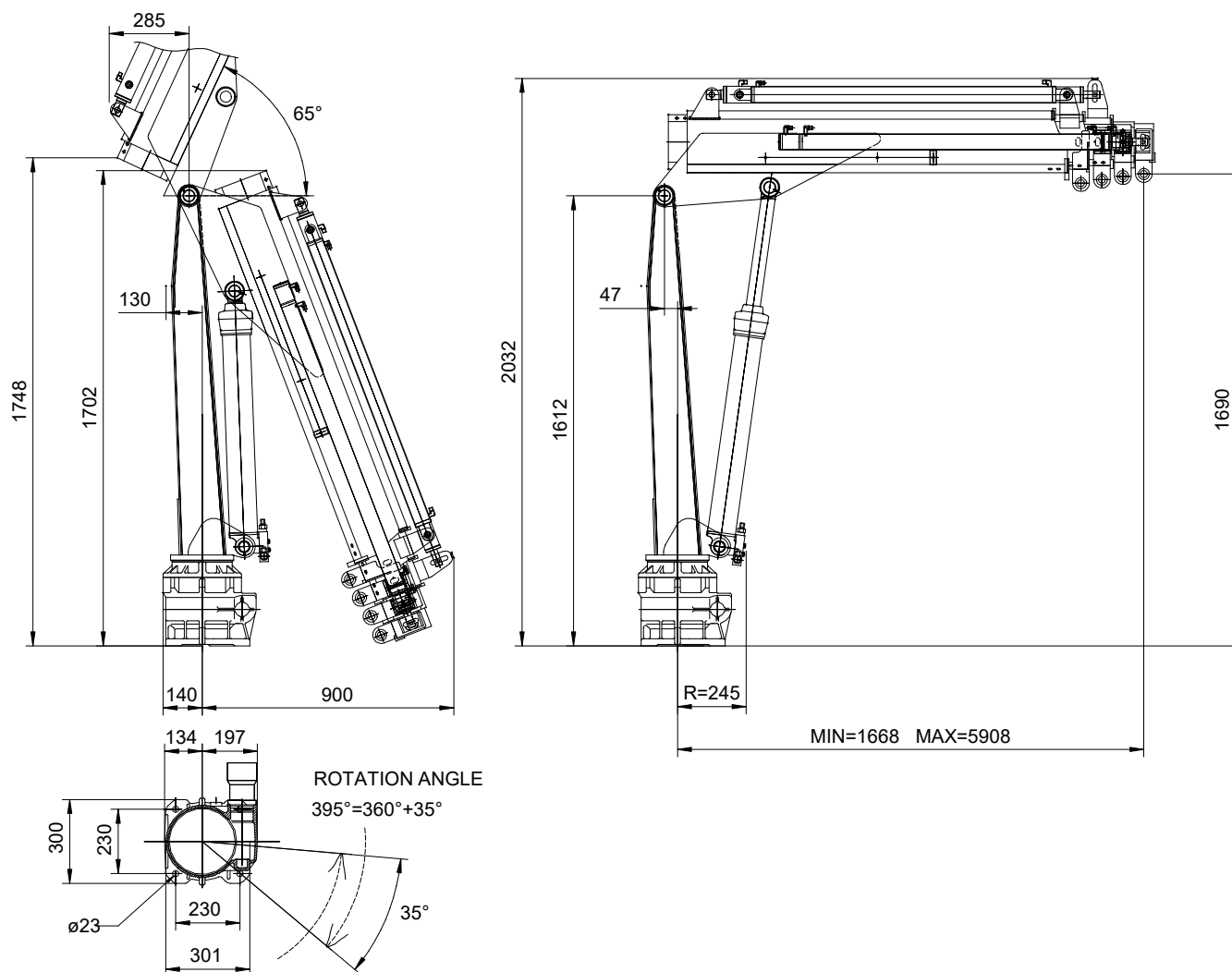
PTO Hydraulic crane versions	
Distributor Pressure line = 3/8" P valve port - 9/16-18 Jic Fitting mounted	
Distributor Tank line = 3/8" T valve port - 3/4-16Jic Fitting mounted	
Tank Suction line = 3/4" Plug mounted	
Return Filter line = 3/8" filter port - 3/4-16 Jic Fitting mounted	
ETR crane versions (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	

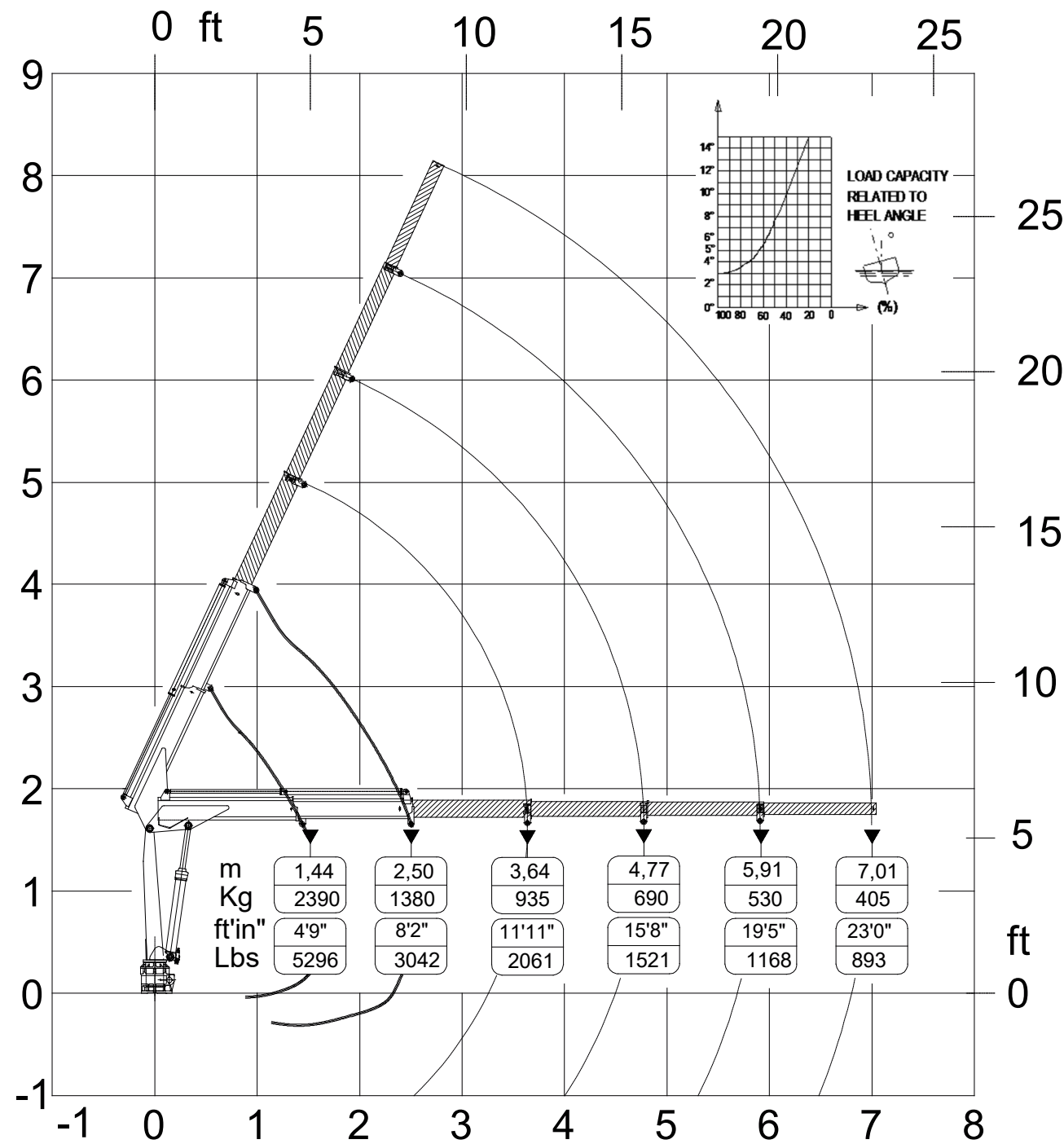


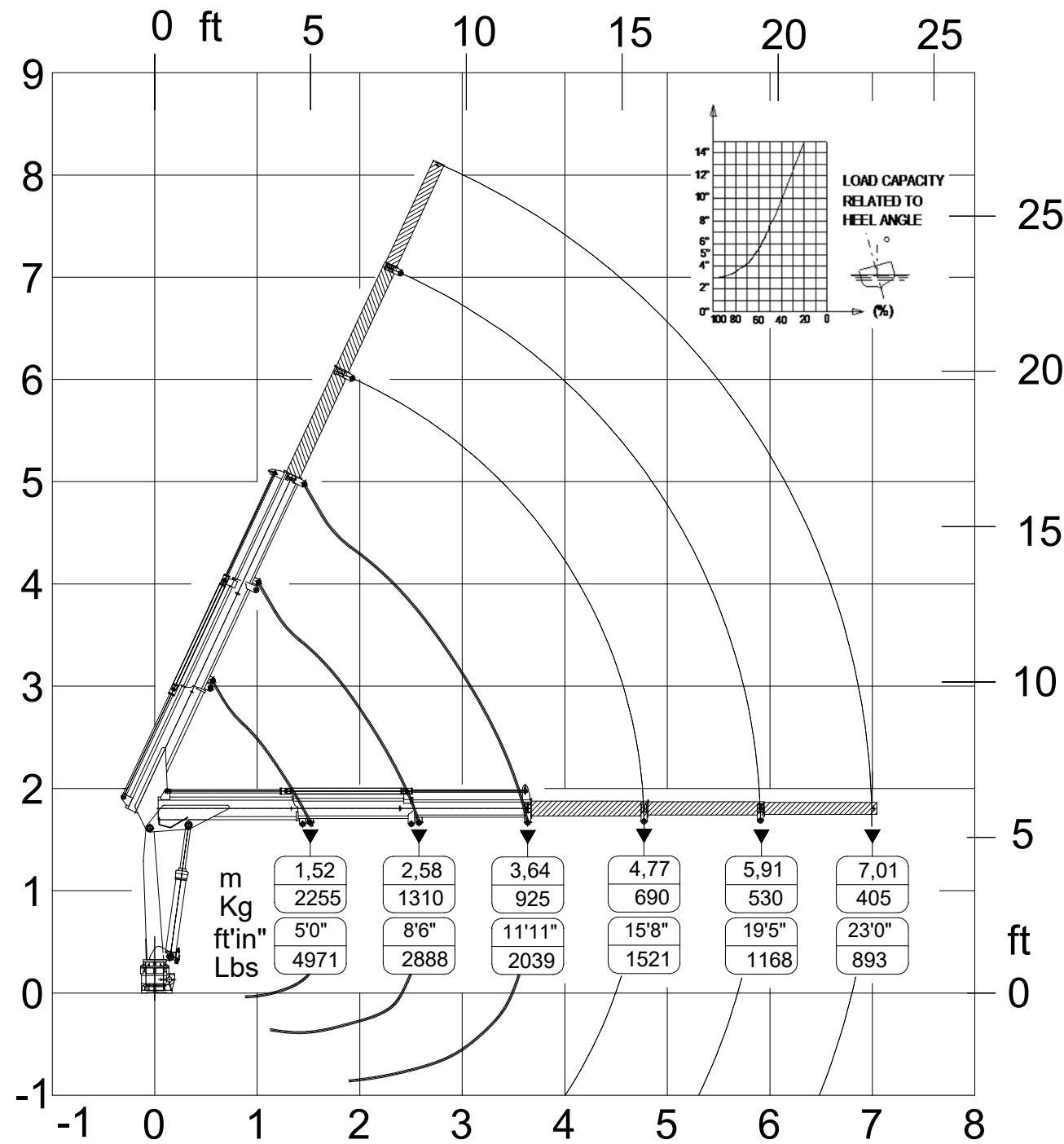


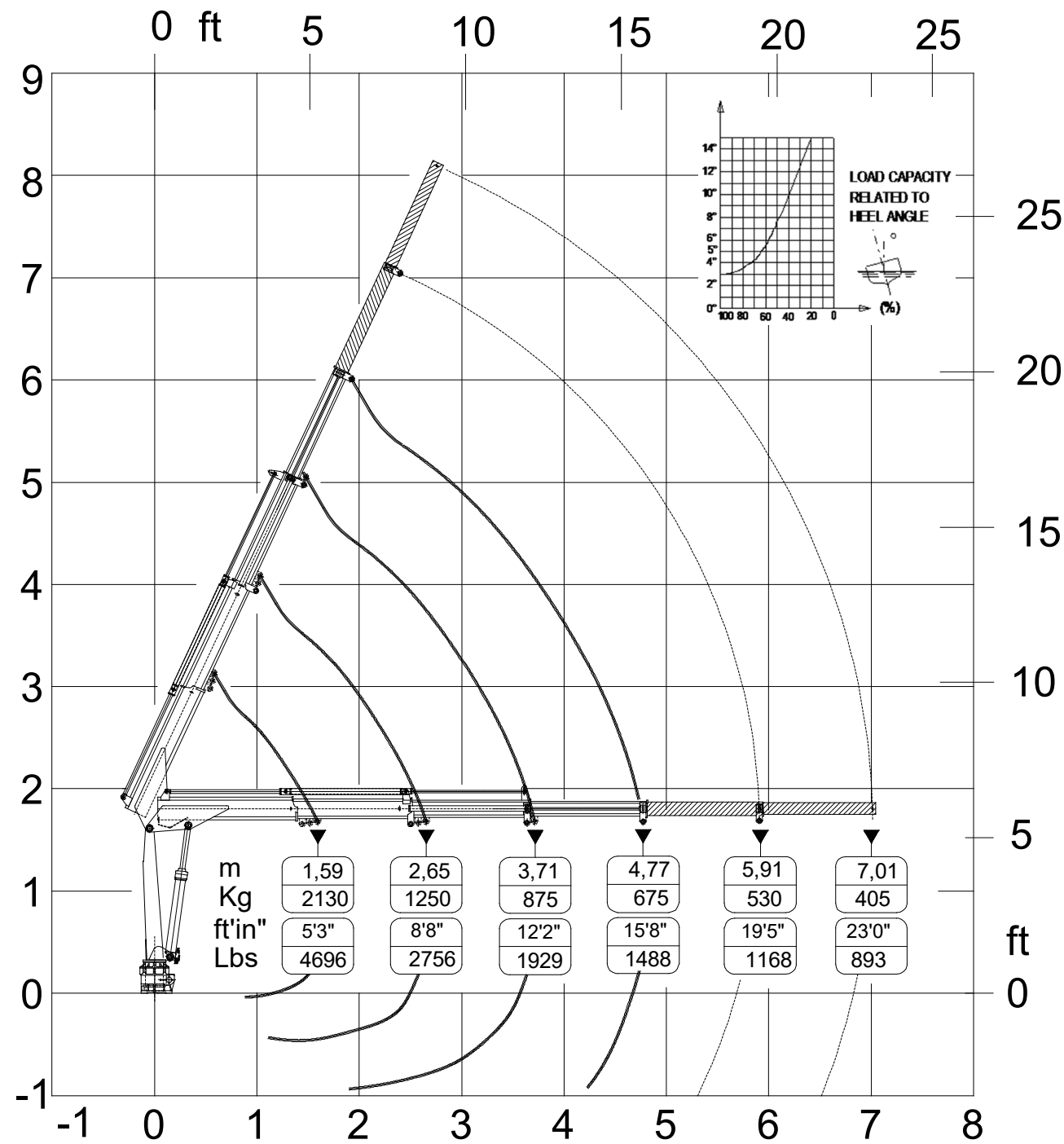


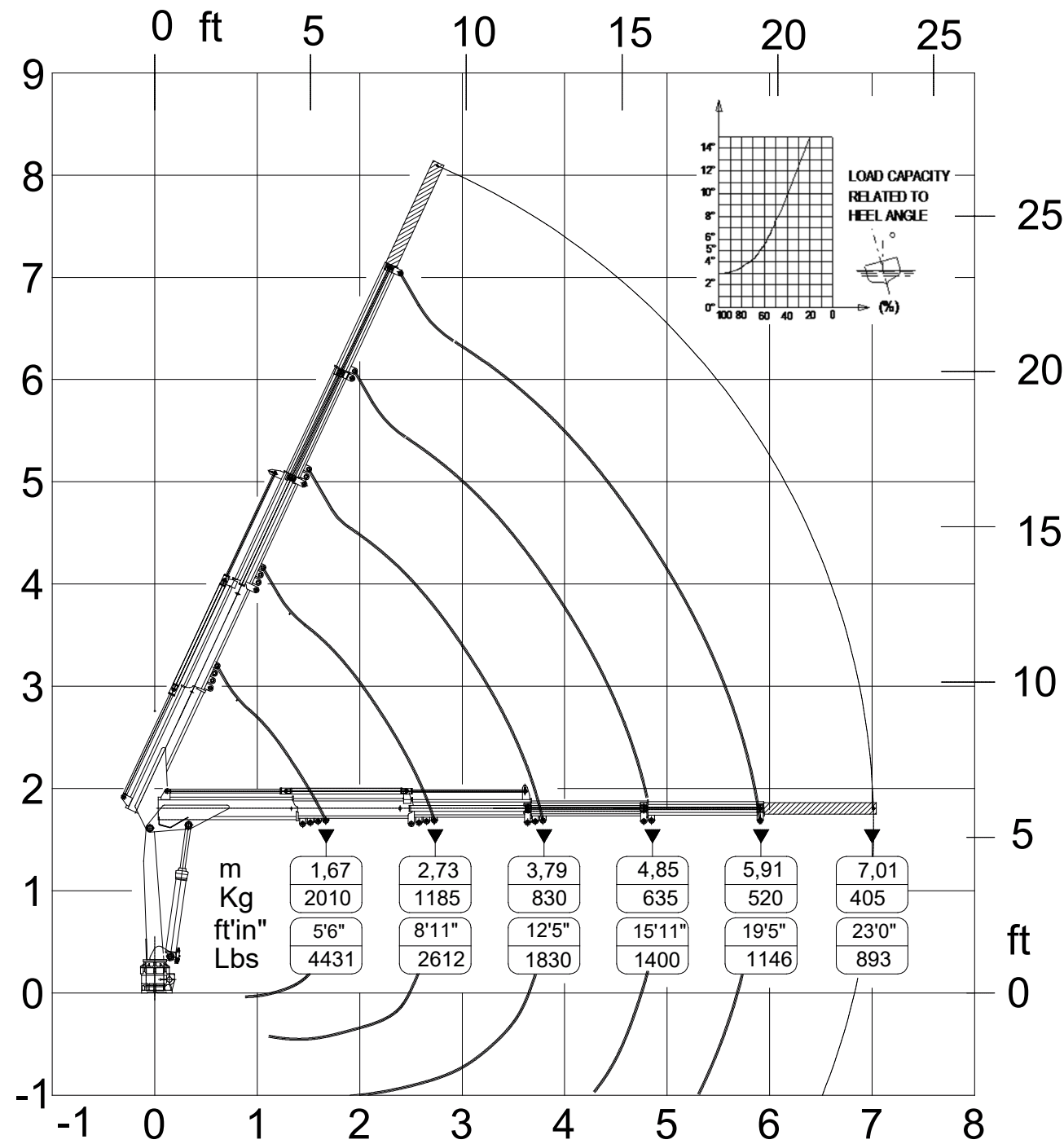






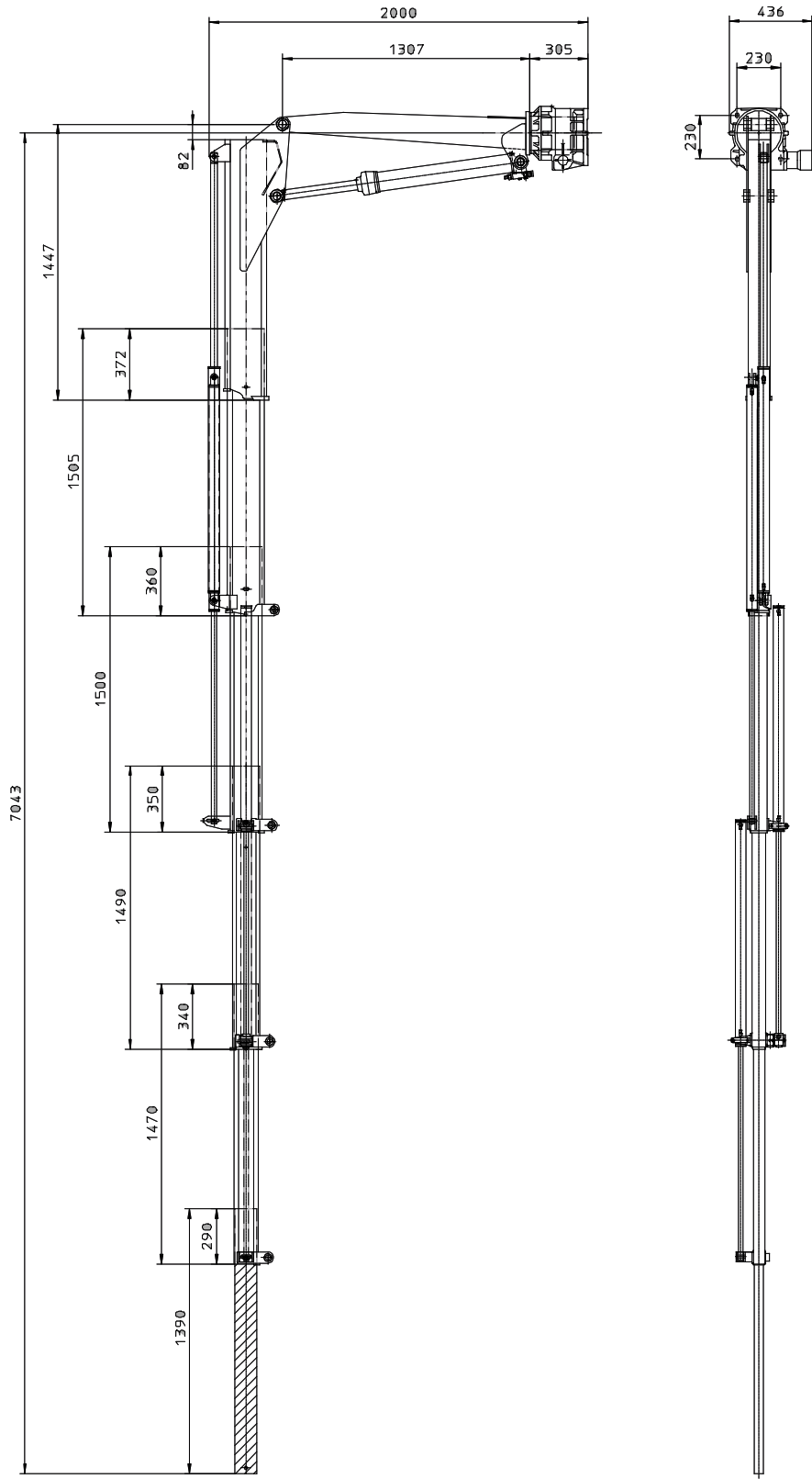






605TM TECHNICAL SHEET

COLUMN - BOOM - DIMENSIONS



CYLINDERS AND PINS DIMENSIONS

LIFTING CYLINDER

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

1ST EXTENSION CYLINDER

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

2ND EXTENSION CYLINDER

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

3RD EXTENSION CYLINDER

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

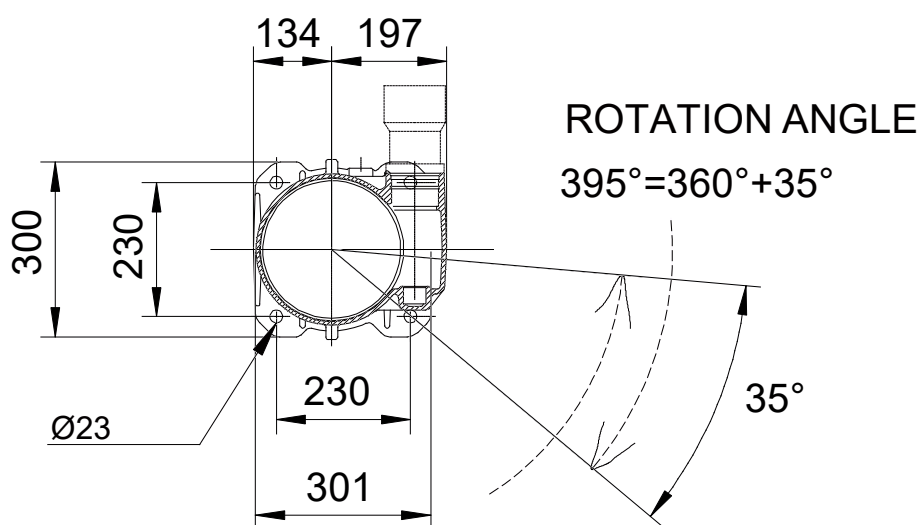
4ND EXTENSION CYLINDER

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



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BASE DIMENSIONS TIE MOUNTING RODS

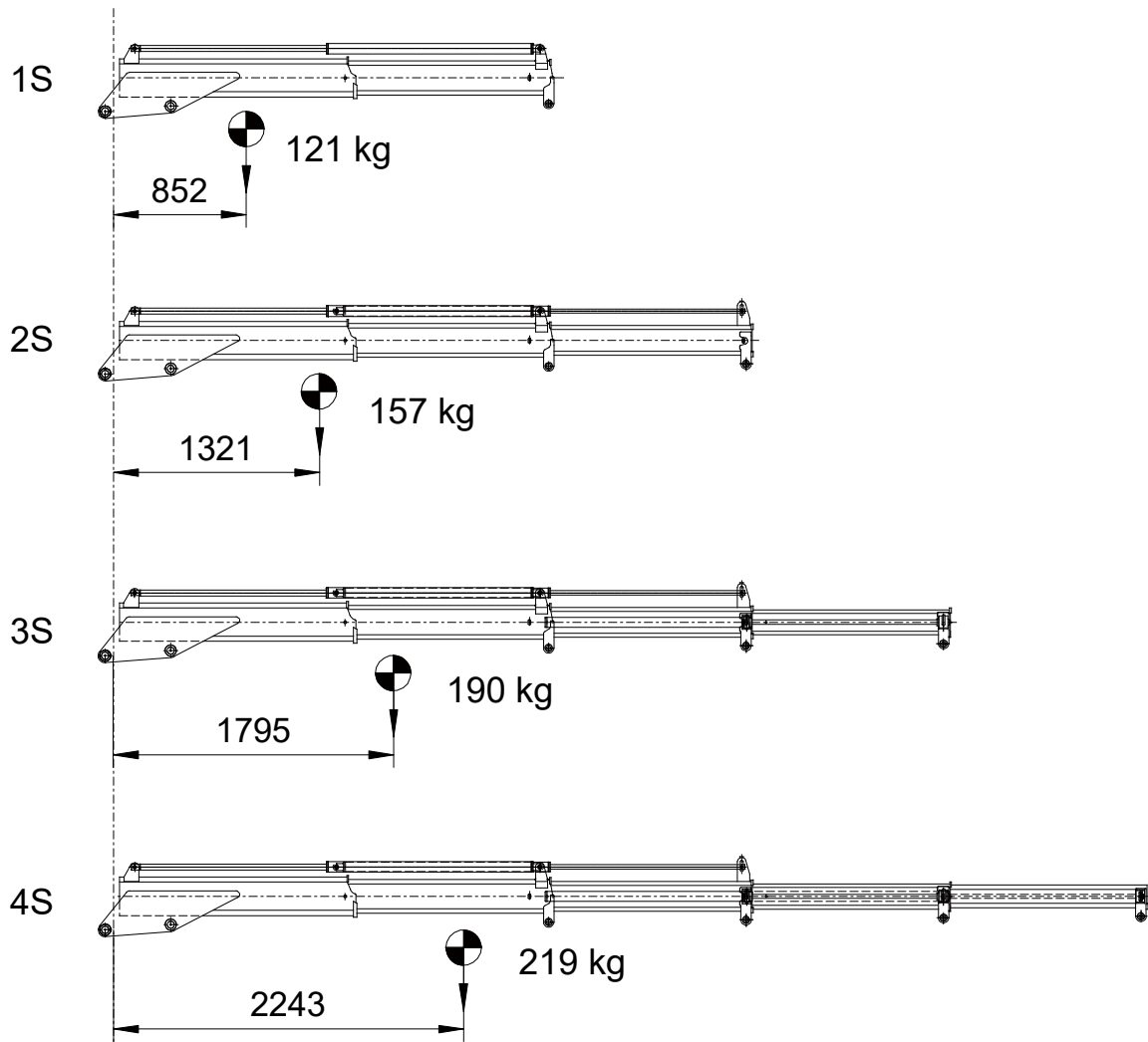


Fixing bolts	N°4 M22x2.5 L=80 10.9 DIN 6914	Tightening torque	360 Nm
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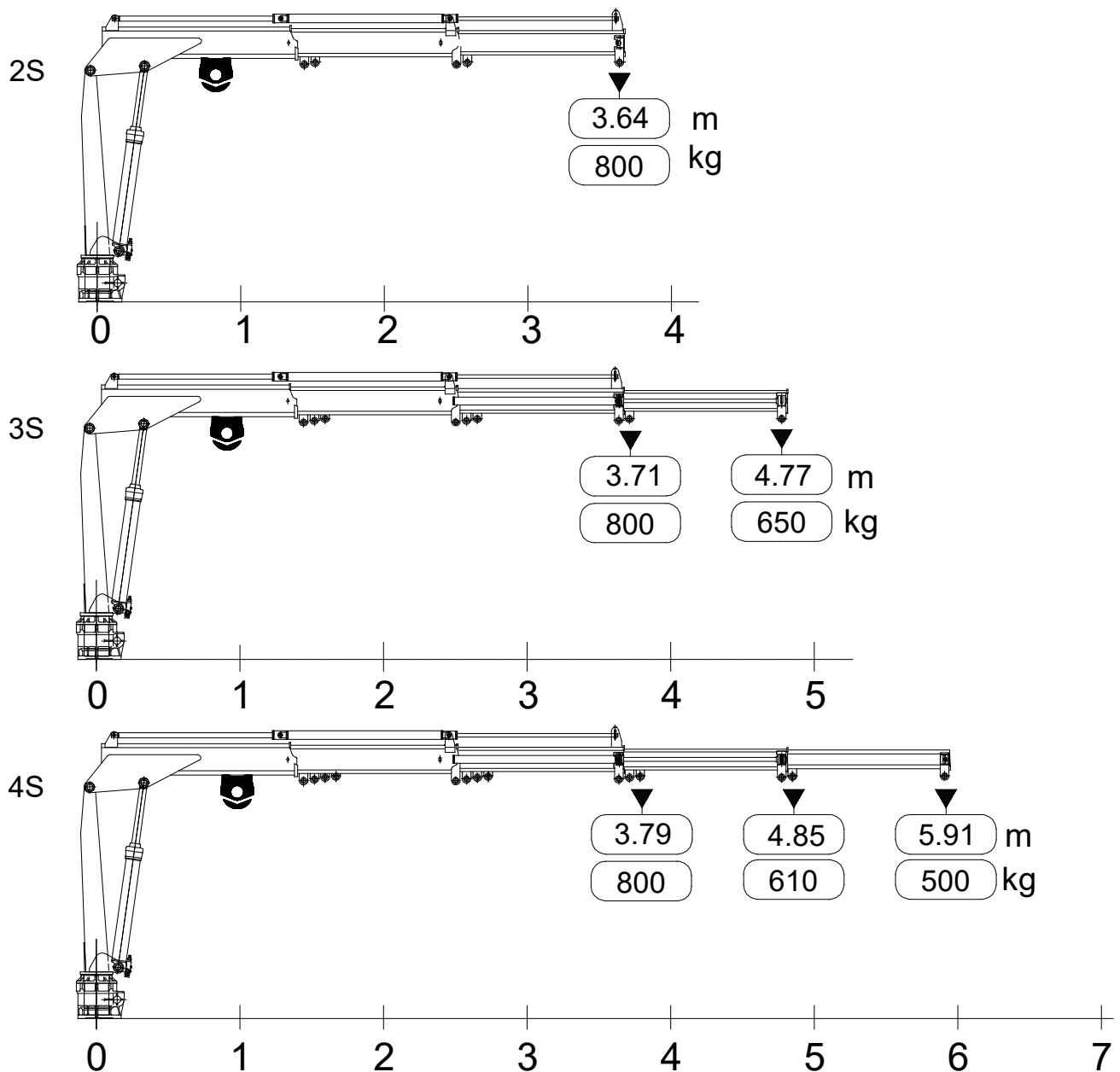
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WEIGHTS - CENTERS OF GRAVITY



	Crane only
Fixed parts weight	180





CRANE 1S - 2S

Max winch direct pull [kg]	800
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CRANE 3S - 4S

Max winch direct pull [kg]	500
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Max allowable weight	70 kg
Max working pressure	140 bar

