

605T

TECHNICAL SHEET



**TECHNICAL DATA
DATI TECNICI**

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

	Version	STD
Crane weight [kg] (Hydraulic version) Peso della gru [kg] (Versione idraulica) (Included: Valve bank + Oil tank + Oil) (Inclusi : Distributore + Serbatoio + Olio)	1S	305
	2S	339
	3S	371
	4S	399

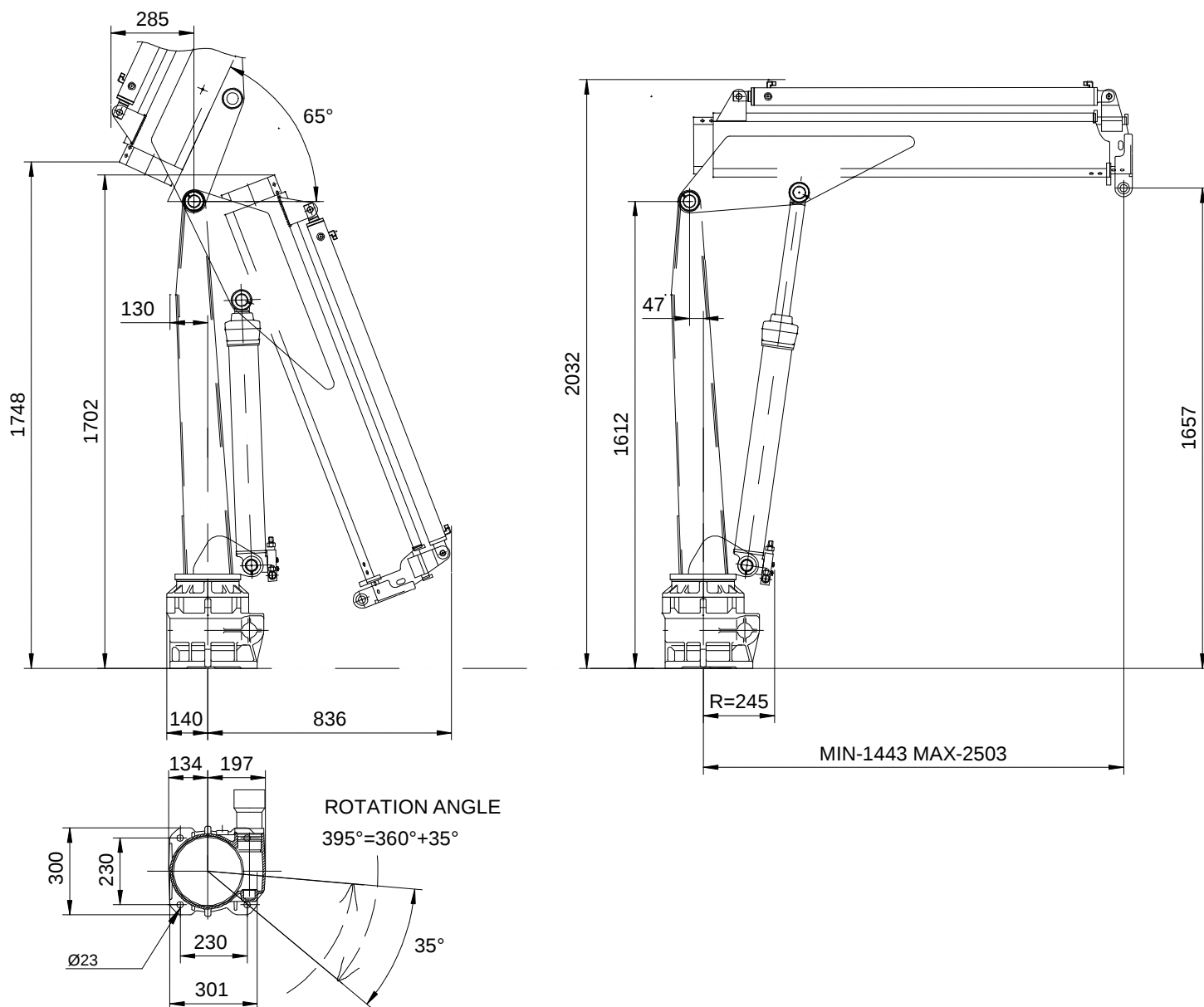
Max working pressure Massima pressione di lavoro	175 bar
Max oil flow to main relief valve Massima portata di olio al distributore	10 dm ³ /min
Oil tank capacity Capacità del serbatoio dell'Olio	17.5 dm ³
Slewing moment Coppia di Rotazione	450 daNm
Slewing angle Angolo di rotazione	395°
Absorbed power Potenza assorbita	2.9 kW 3.9 HP
Design standard Normative di progettazione	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 - 3/4-16 Jic 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	
Distributor Pressure line = 3/8" P valve port - 9/16-18 Jic Fitting mounted	
Distributor Tank line = 3/8" T valve port - 3/4-16 Jic 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	

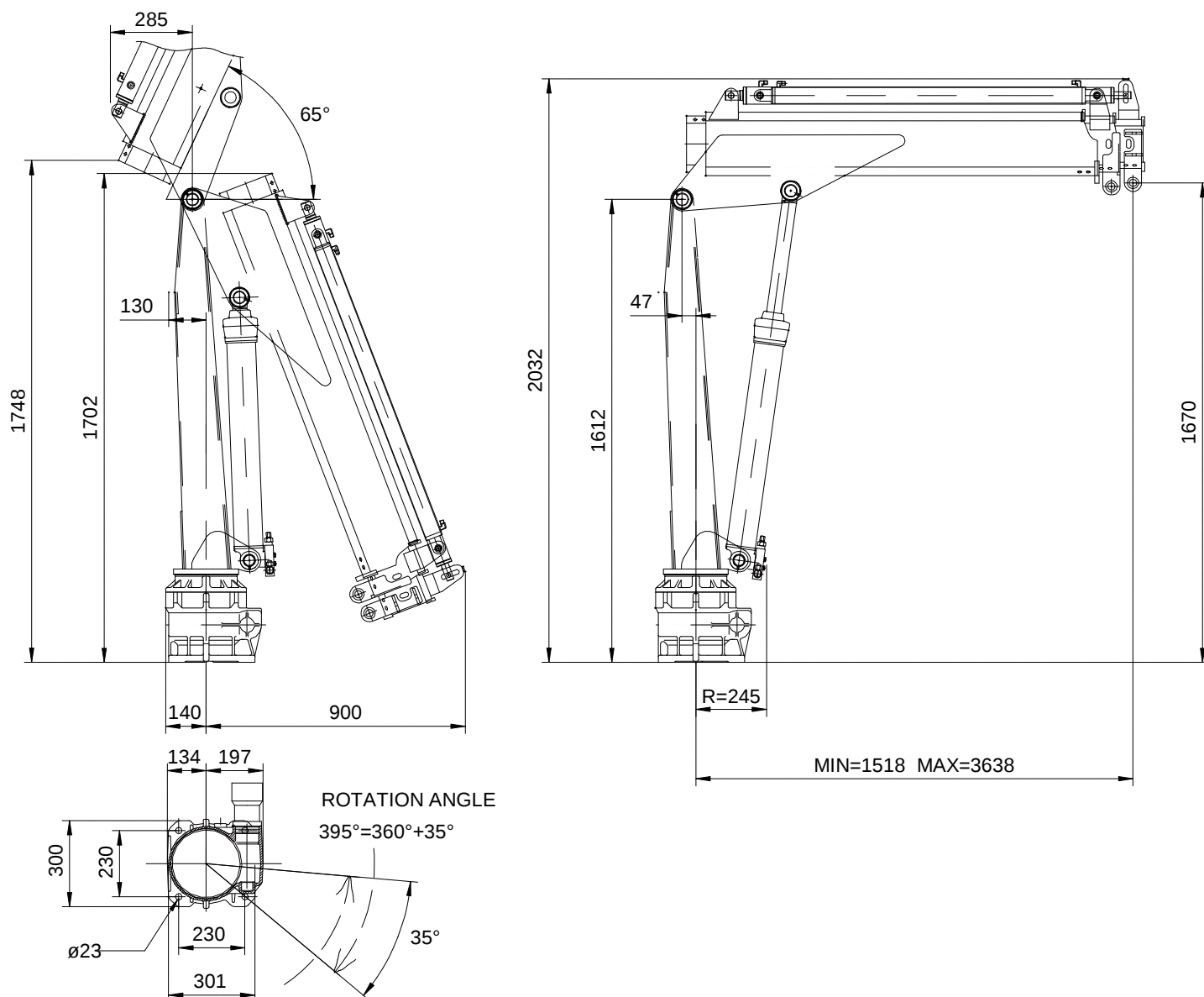
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Crane – Kran
Grue – Grua - Gru

AMCO  VEBA

OVERALL DIMENSIONS – DIMENSIONI GENERALI 1S



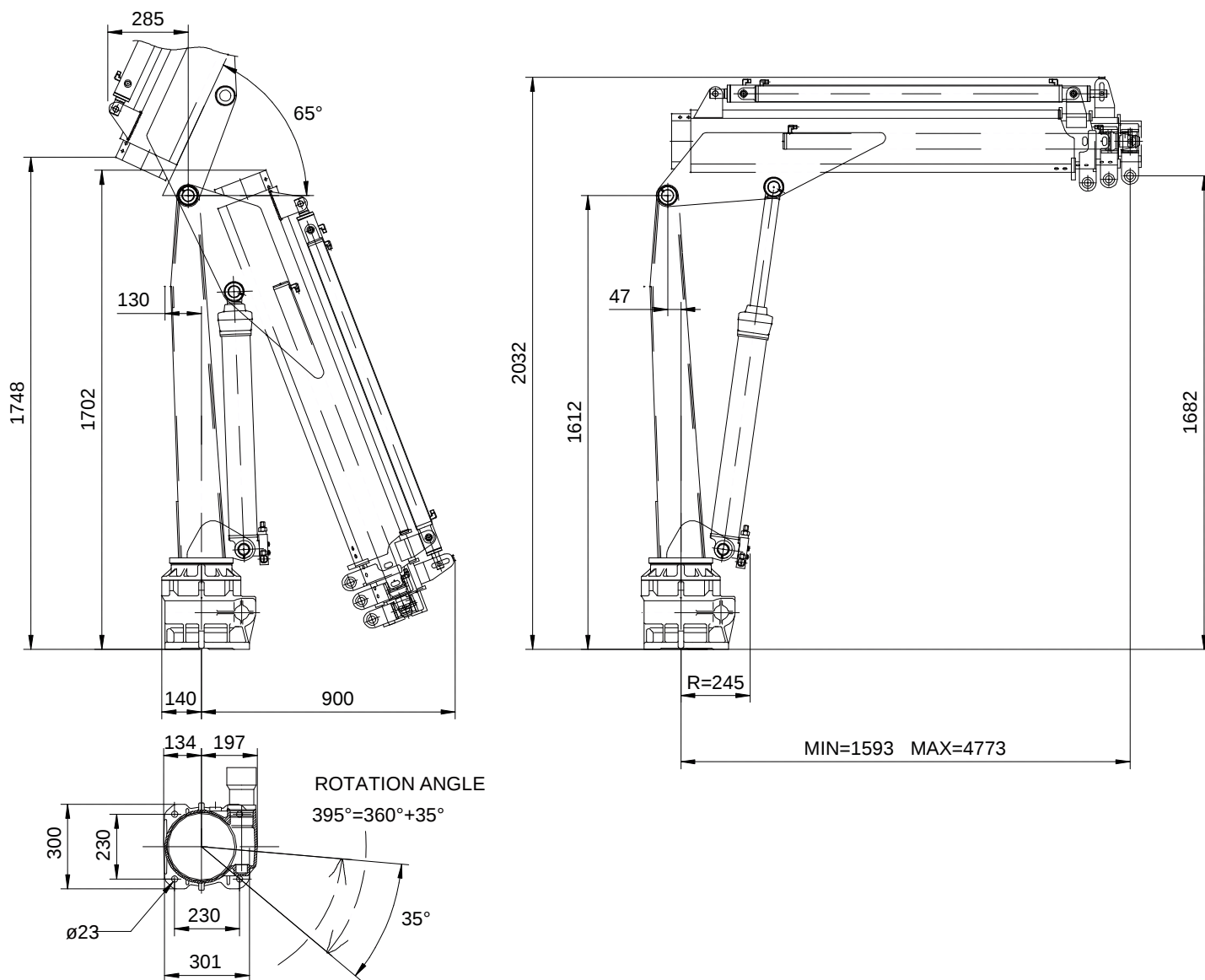
OVERALL DIMENSIONS-DIMENSIONI GENERALI
2S

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Crane – Kran
Grue – Grua - Gru

AMCO  VEBA

OVERALL DIMENSIONS-DIMENSIONI GENERALI 3S

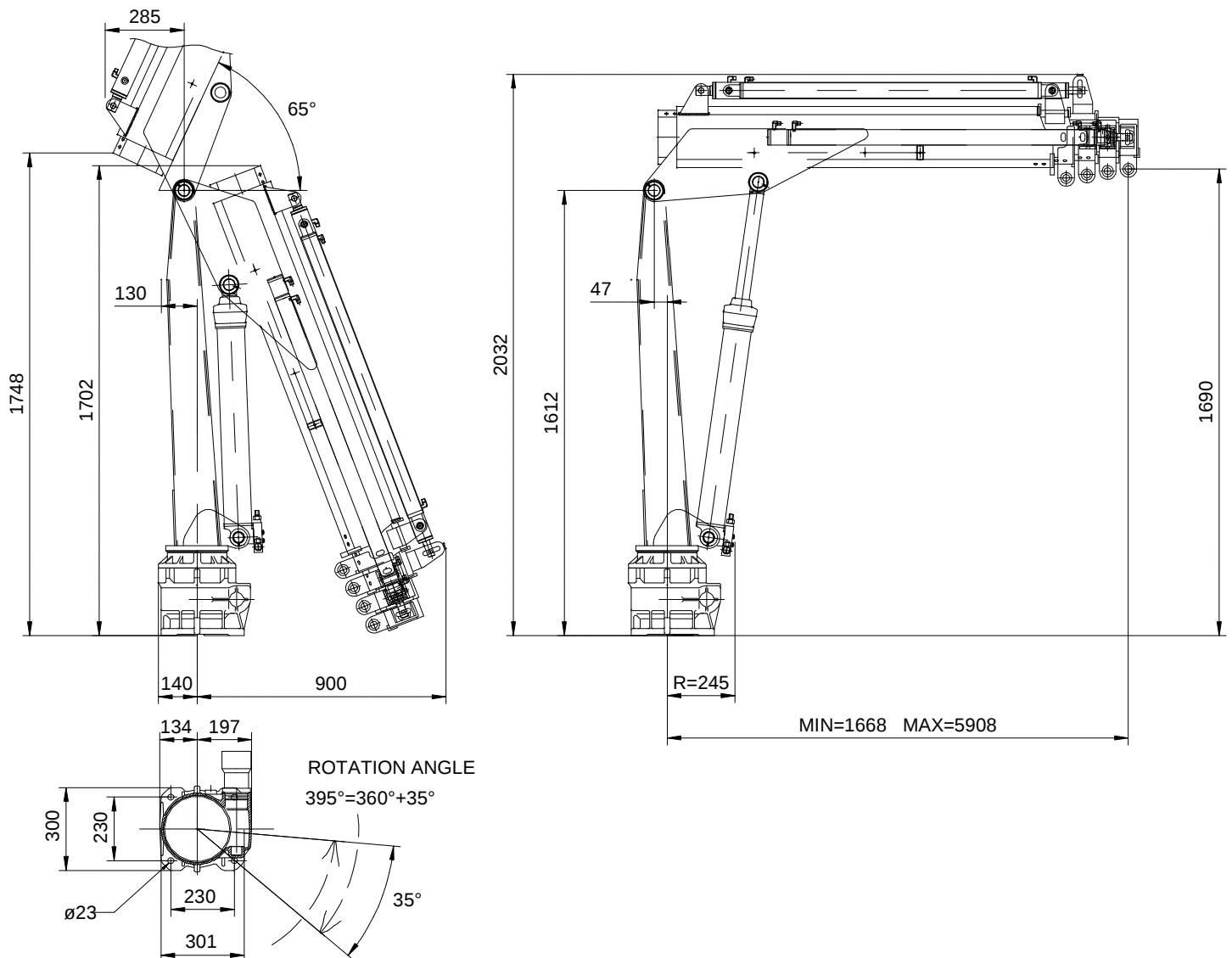


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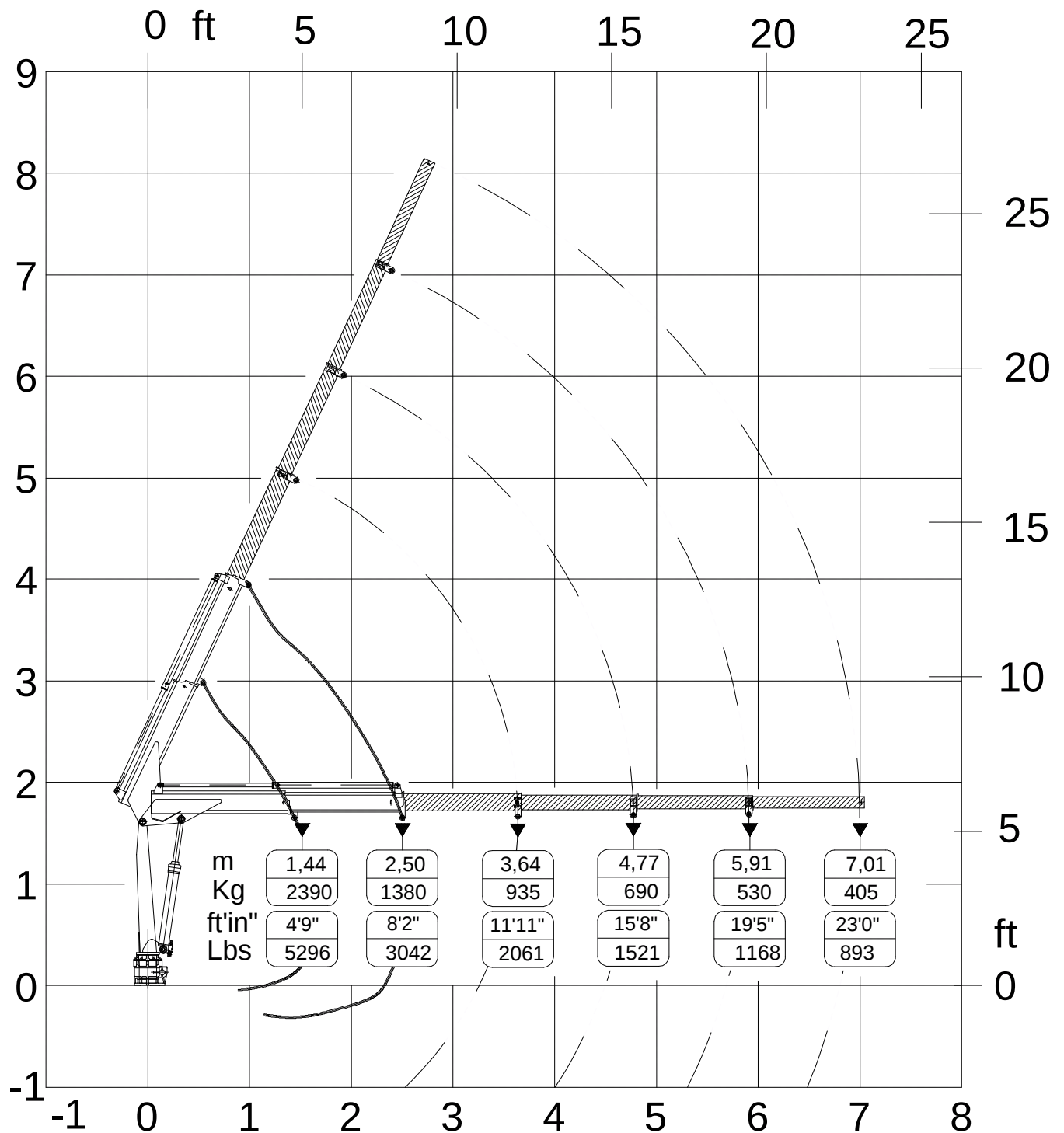
Crane – Kran
Grue – Grua - Gru

AMCO  VEBA

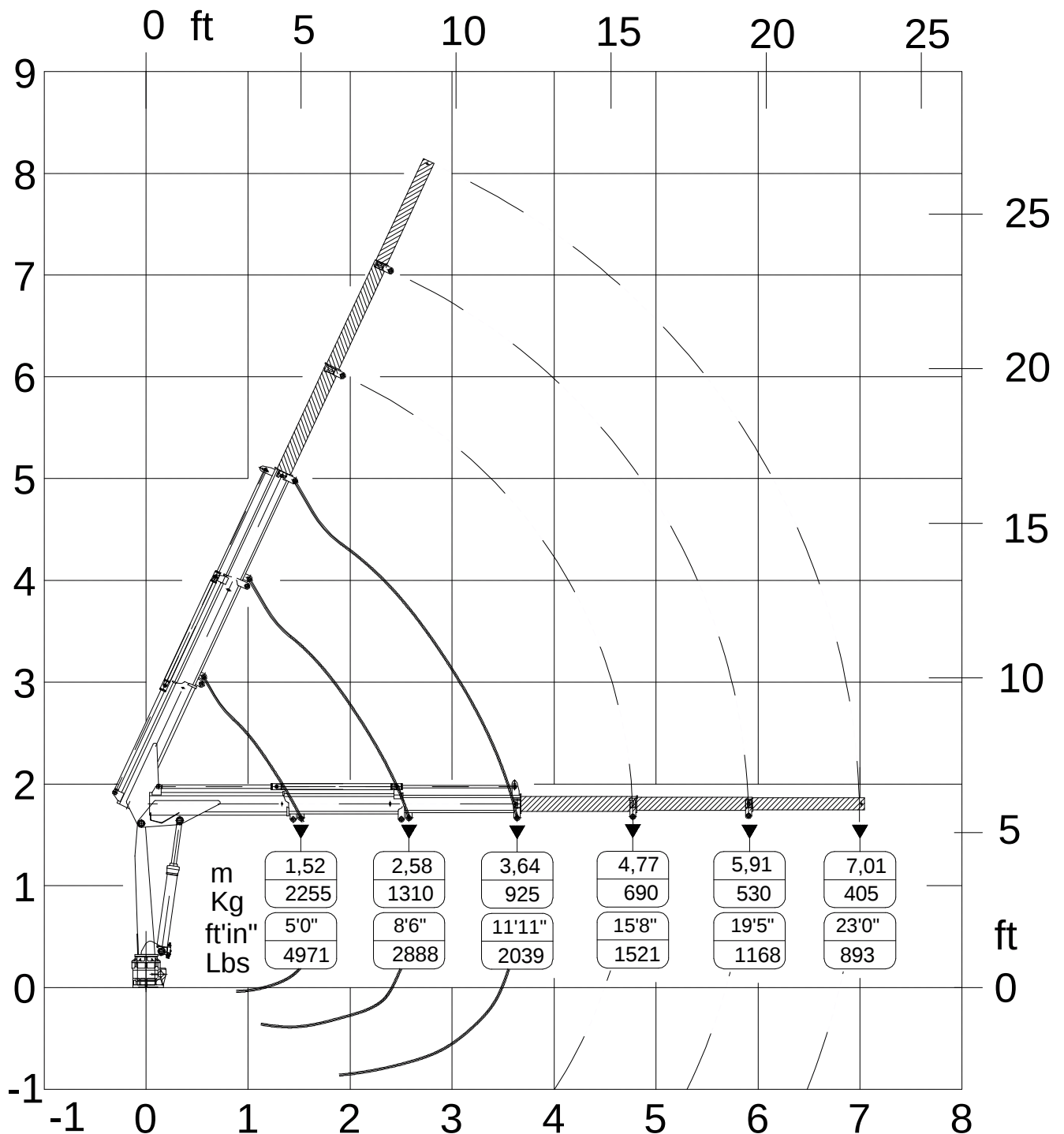
OVERALL DIMENSIONS-DIMENSIONI GENERALI 4S



LOAD DIAGRAM-DIAGRAMMI PORTATE 1S



LOAD DIAGRAM-DIAGRAMMI PORTATE 2S

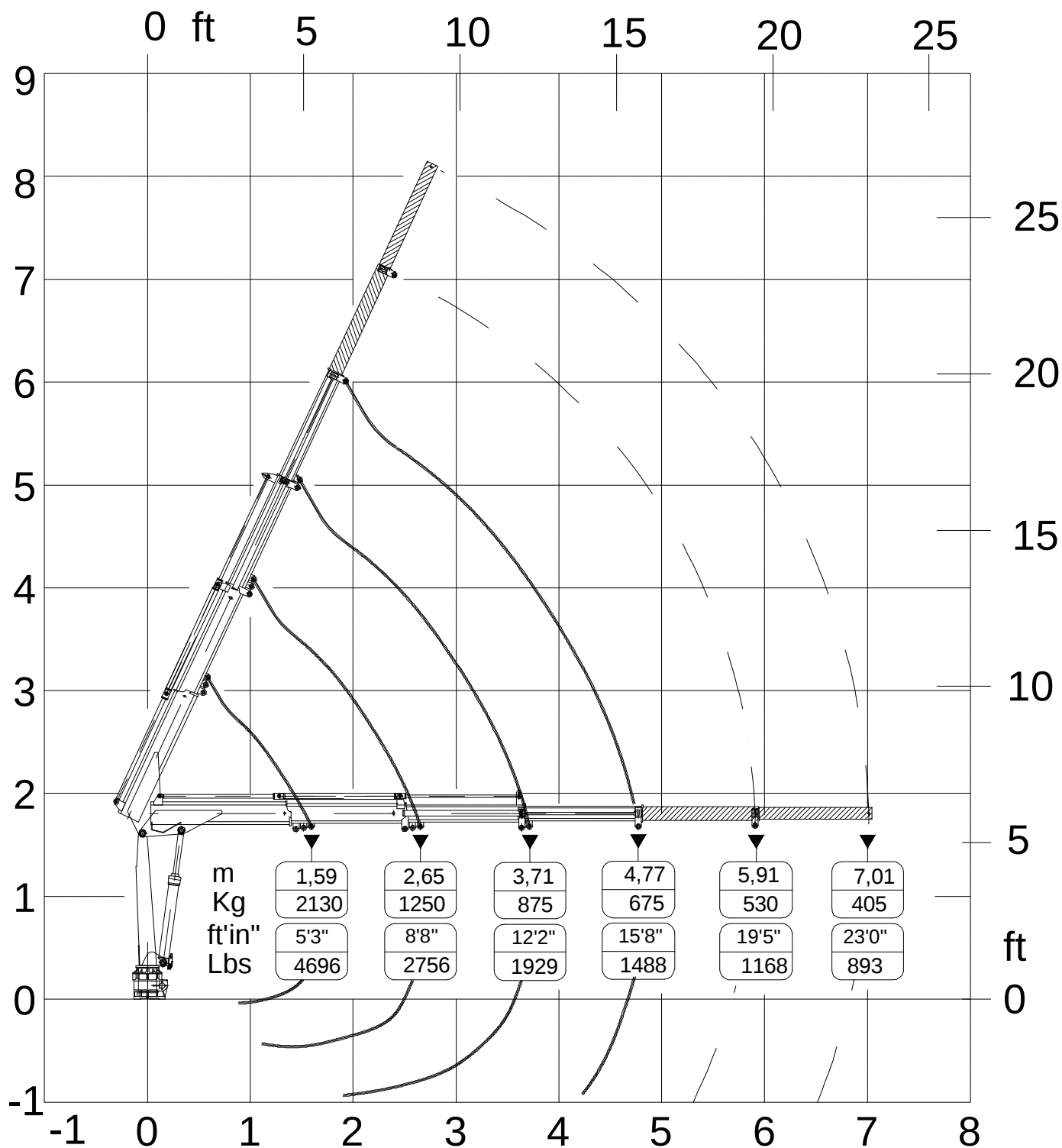


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LOAD DIAGRAM-DIAGRAMMI PORTATE 3S

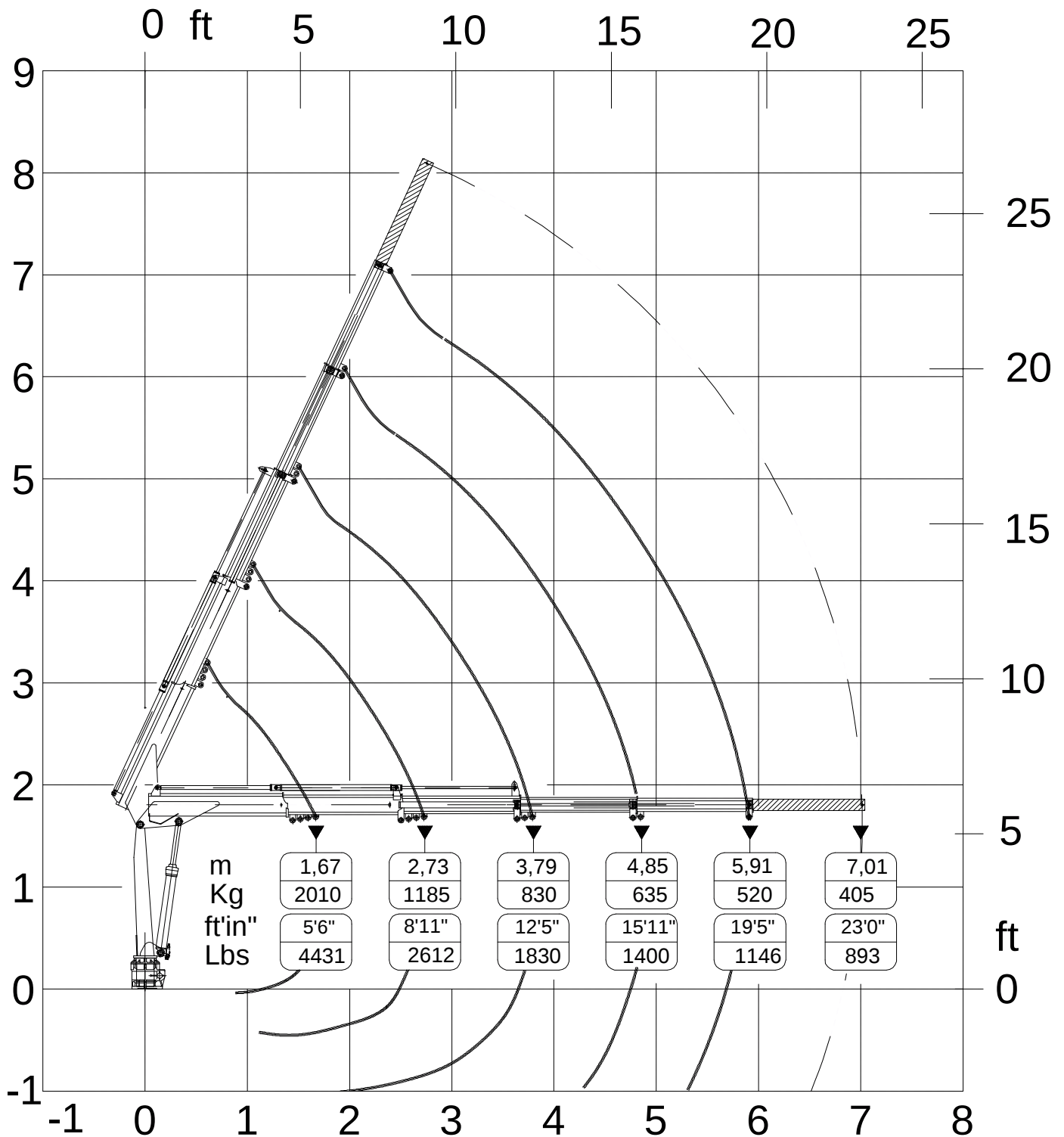


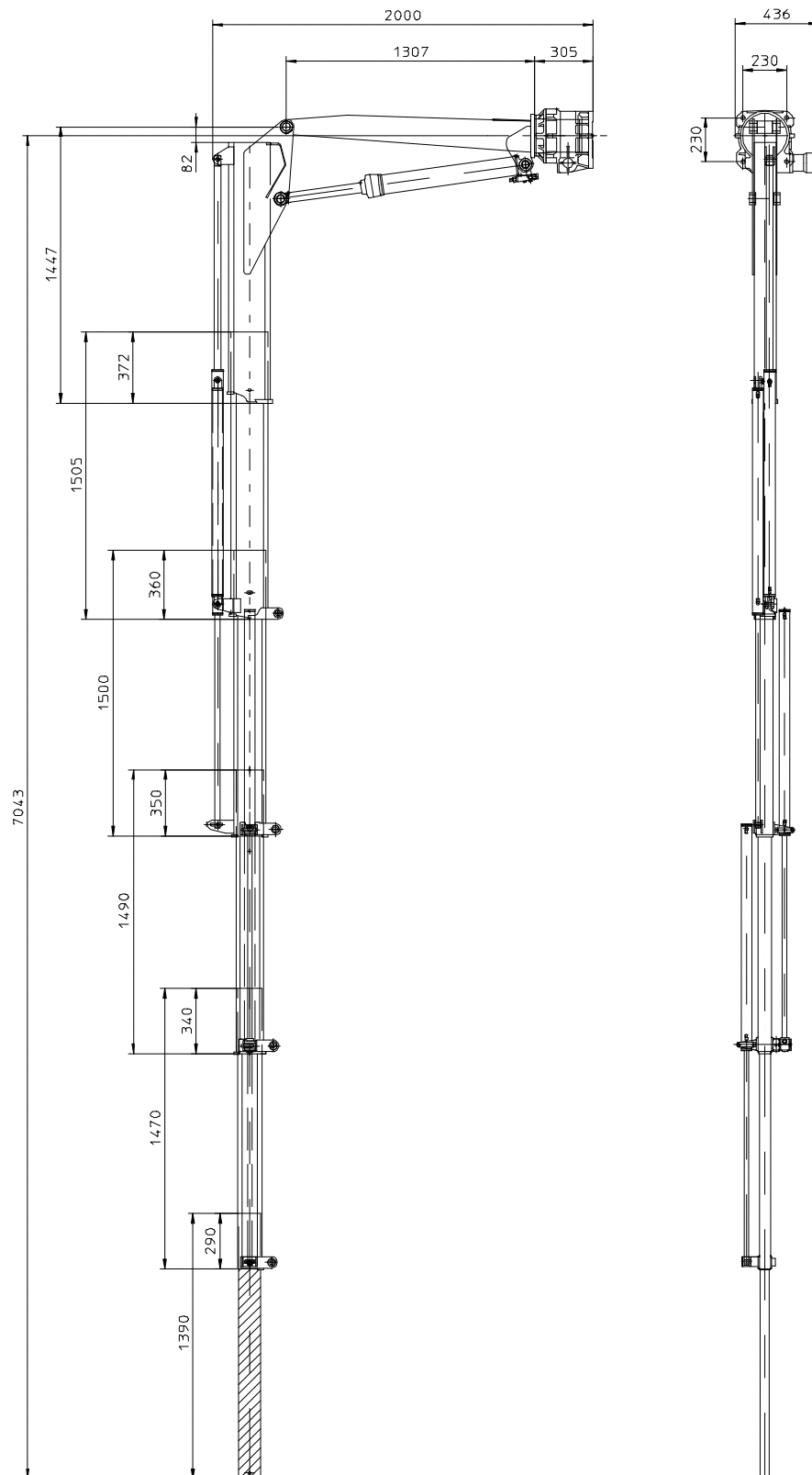
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Crane – Kran
Grue – Grua - Gru

AMCO  VEBA

LOAD DIAGRAM-DIAGRAMMI PORTATE 4S



BASE – COLUMN – BOOM DIMENSIONS
DIMENSIONI BRACCI-BASE E COLONNA

CYLINDERS AND PINS DIMENSIONS

DIMENSIONI CILINDRI E PERNI

CILINDRO SOLLEVAMENTO

LIFTING CYLINDER

Alesaggio <i>Cylinder bore</i>	90
Diametro esterno <i>Cyl. ext. diameter</i>	100
Diametro stelo <i>Rod diameter</i>	50
Interasse aperto <i>Centers (open)</i>	1612.5
Interasse chiuso <i>Centers (closed)</i>	916.5
Corsa <i>Stroke</i>	696
Artic. pin Ø	40
Pin material	C40 NORM

CILINDRO 1° SFILO

1ST EXTENSION CYLINDER

Alesaggio <i>Cylinder bore</i>	50
Diametro esterno <i>Cyl. ext. diameter</i>	60
Diametro stelo <i>Rod diameter</i>	35
Interasse aperto <i>Centers (open)</i>	2330
Interasse chiuso <i>Centers (closed)</i>	1270
Corsa <i>Stroke</i>	1060
Artic. pin Ø	20
Pin material	C40

CILINDRO 2° SFILO

2ND EXTENSION CYLINDER

Alesaggio <i>Cylinder bore</i>	45
Diametro esterno <i>Cyl. ext. diameter</i>	55
Diametro stelo <i>Rod diameter</i>	25
Interasse aperto <i>Centers (open)</i>	2030
Interasse chiuso <i>Centers (closed)</i>	1270
Corsa <i>Stroke</i>	1060
Ø perni articolazione <i>Artic. pin Ø</i>	15
Materiale perno <i>Pin material</i>	39NiCrMo3 QT

CILINDRO 3° SFILO

3RD EXTENSION CYLINDER

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

CILINDRO 4° SFILO

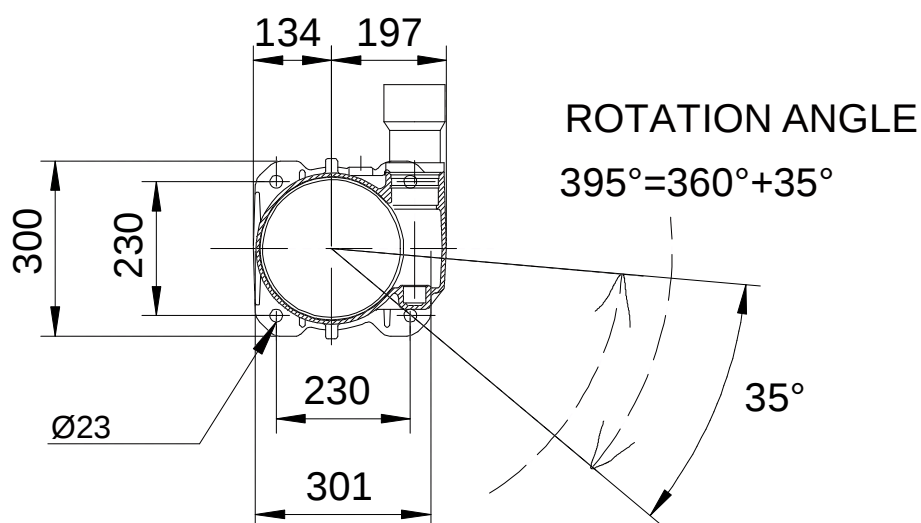
4ND EXTENSION CYLINDER

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

CILINDRO STABILIZZATORE GIREVOLE

TILTING STABILIZER CYLINDER

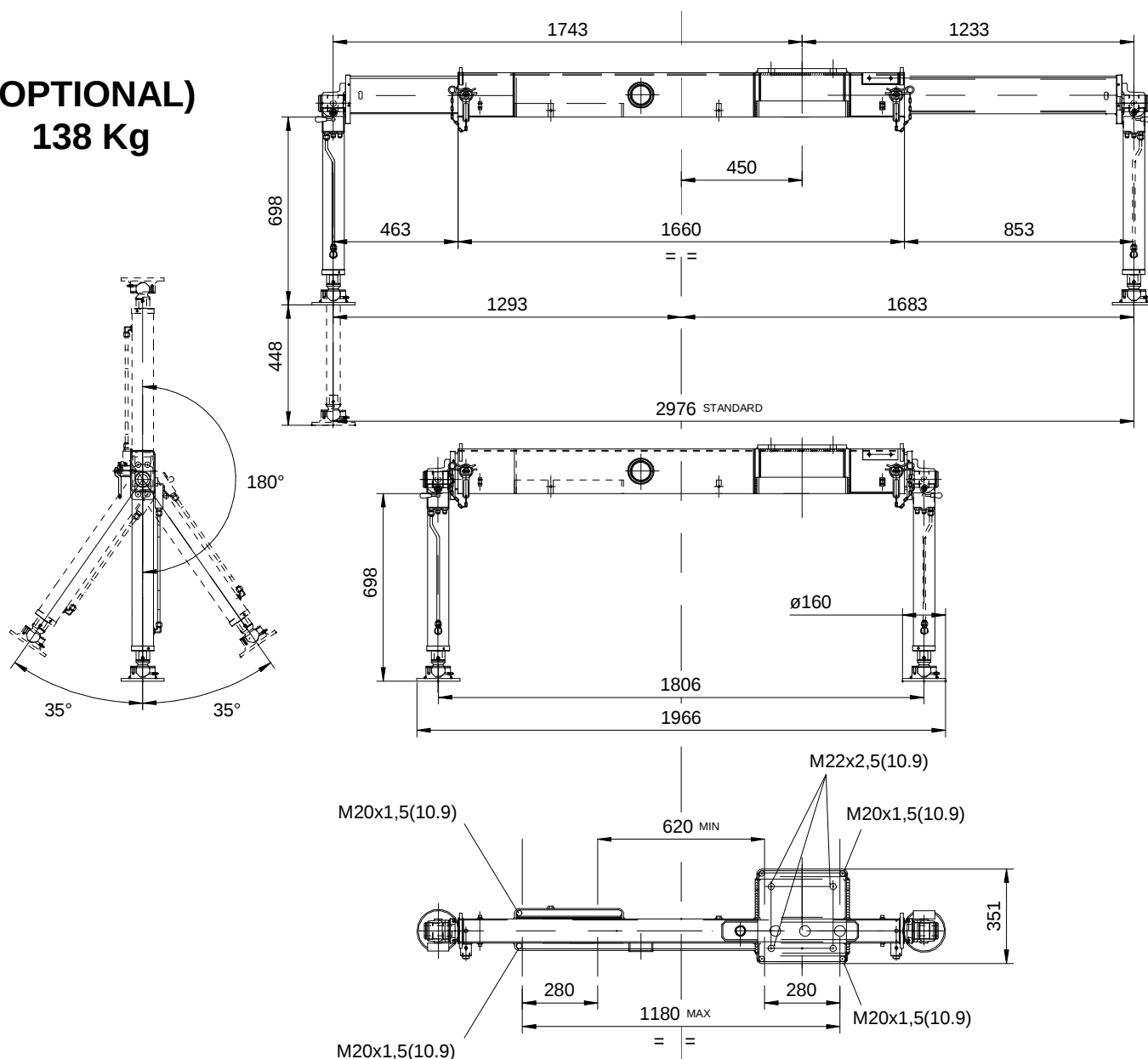
Alesaggio - <i>Cylinder bore</i>	70
Diametro esterno - <i>Cyl. ext. diameter</i>	80
Diametro stelo - <i>Rod diameter</i>	50
Interasse aperto - <i>Pitch (open)</i>	1198
Interasse chiuso - <i>Pitch (closed)</i>	750
Corsa - <i>Stroke</i>	448
Ø perni articolazione - <i>Artic. pin Ø</i>	60
Materiale perno/i - <i>Pin steel</i>	C40 NORM

BASE DIMENSIONS- TIE MOUNTING RODS
DIMENSIONI BASAMENTO -TITANTI STAFFAGGIO

Fixing bolts Viti Fissaggio	N°4 M22x2.5 L=80 10.9 DIN 6914	Tightening torque Coppia Serraggio	360 Nm
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STANDARD STABILIZER DIMENSIONS WITH STD STABILISER JACK DIMENSIONI ASTE STANDARD CON MARTINETTI STABILIZZATORE STD

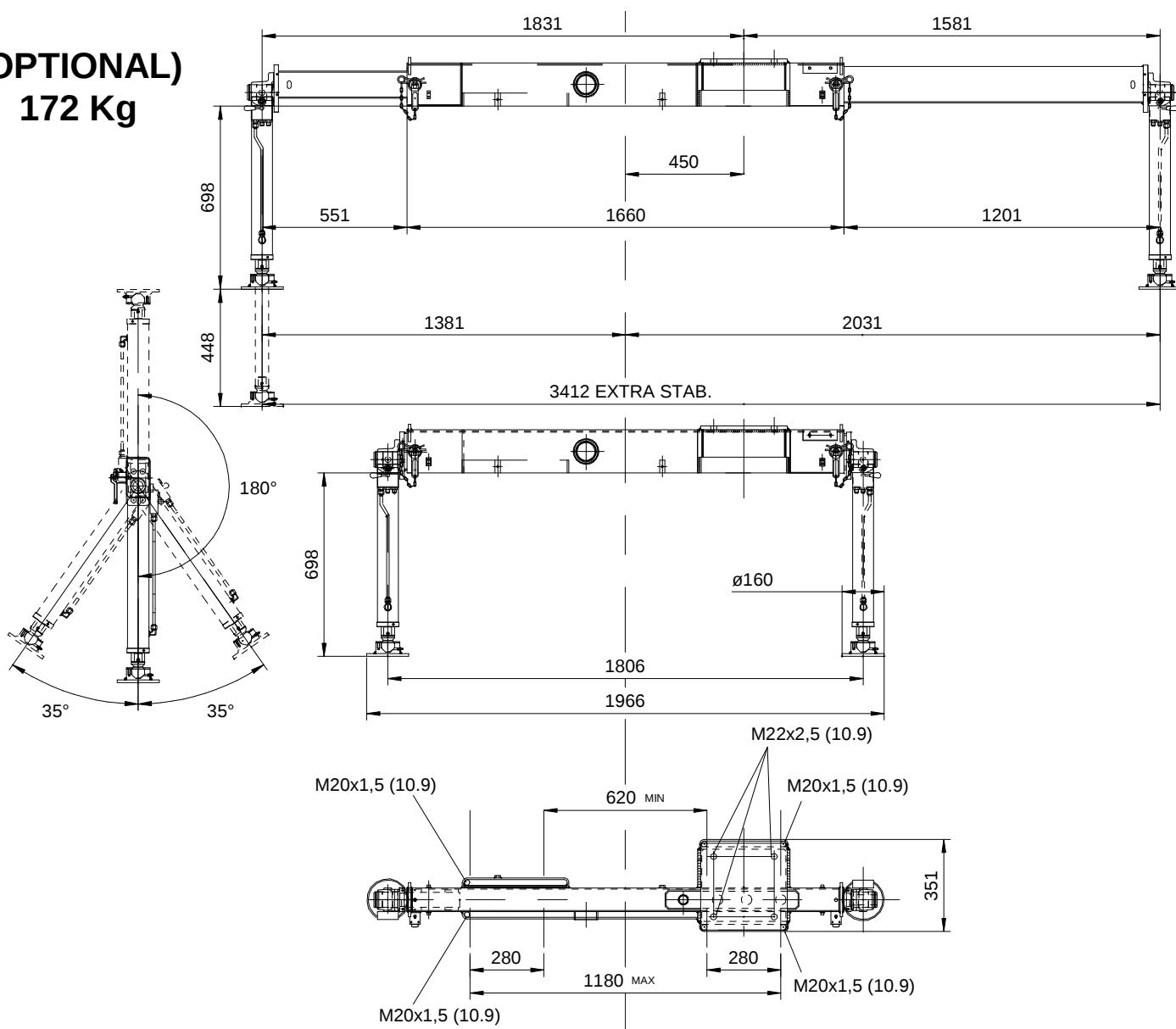
(OPTIONAL)
138 Kg



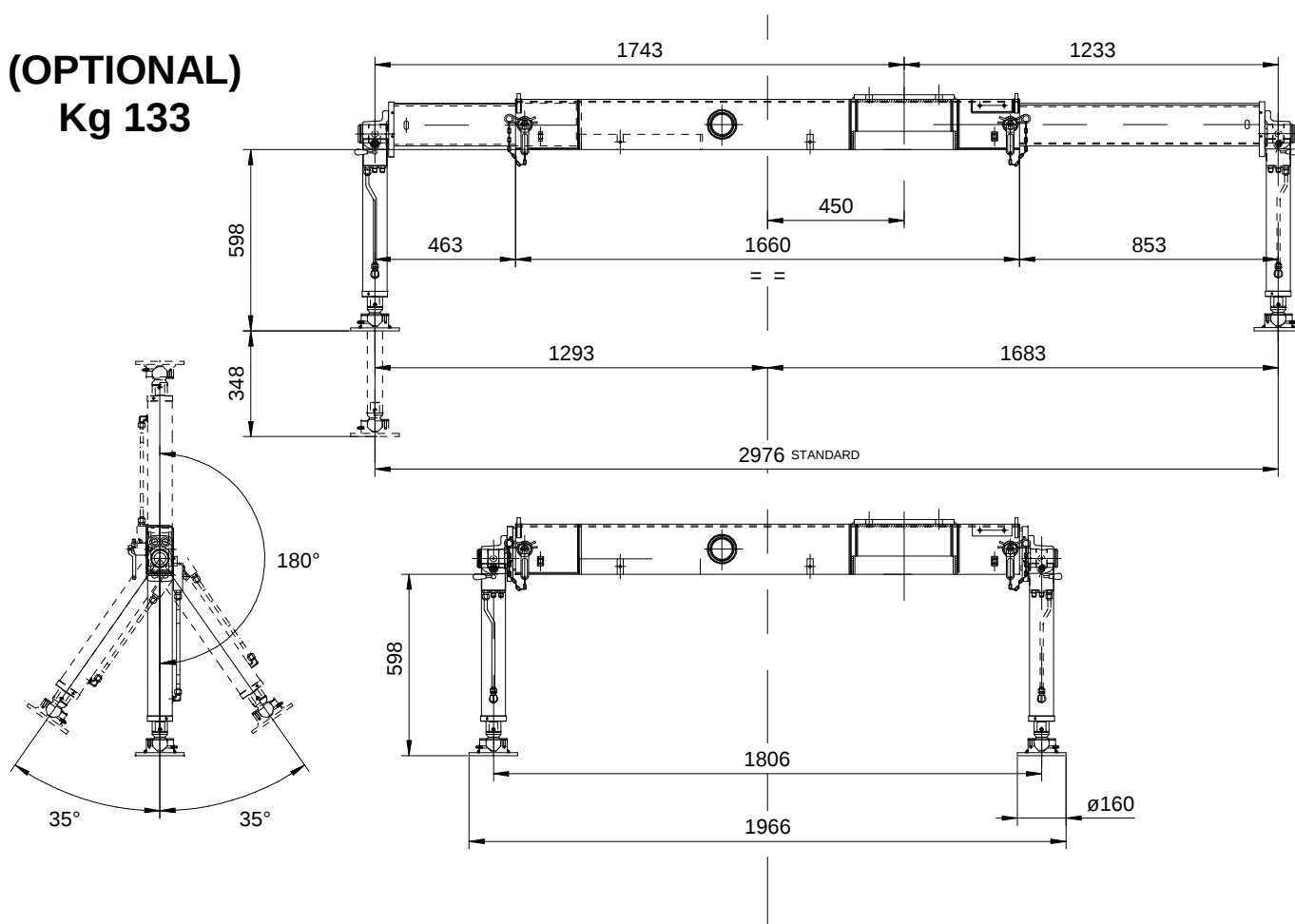
Fixing bolts Viti Fissaggio	N°8 M20x1.5 L=700 10.9	Tightening torque Coppia Serraggio	250 Nm
Max force on the stabilizer leg Reazione massima sullo stabilizzatore standard	3511 daN		
Max standard stabilizer pressure on the round (D=160mm) Pressione massima trasmessa al suolo dagli stabilizzatori standard (D=160mm)	17.5 daN/cm ²		

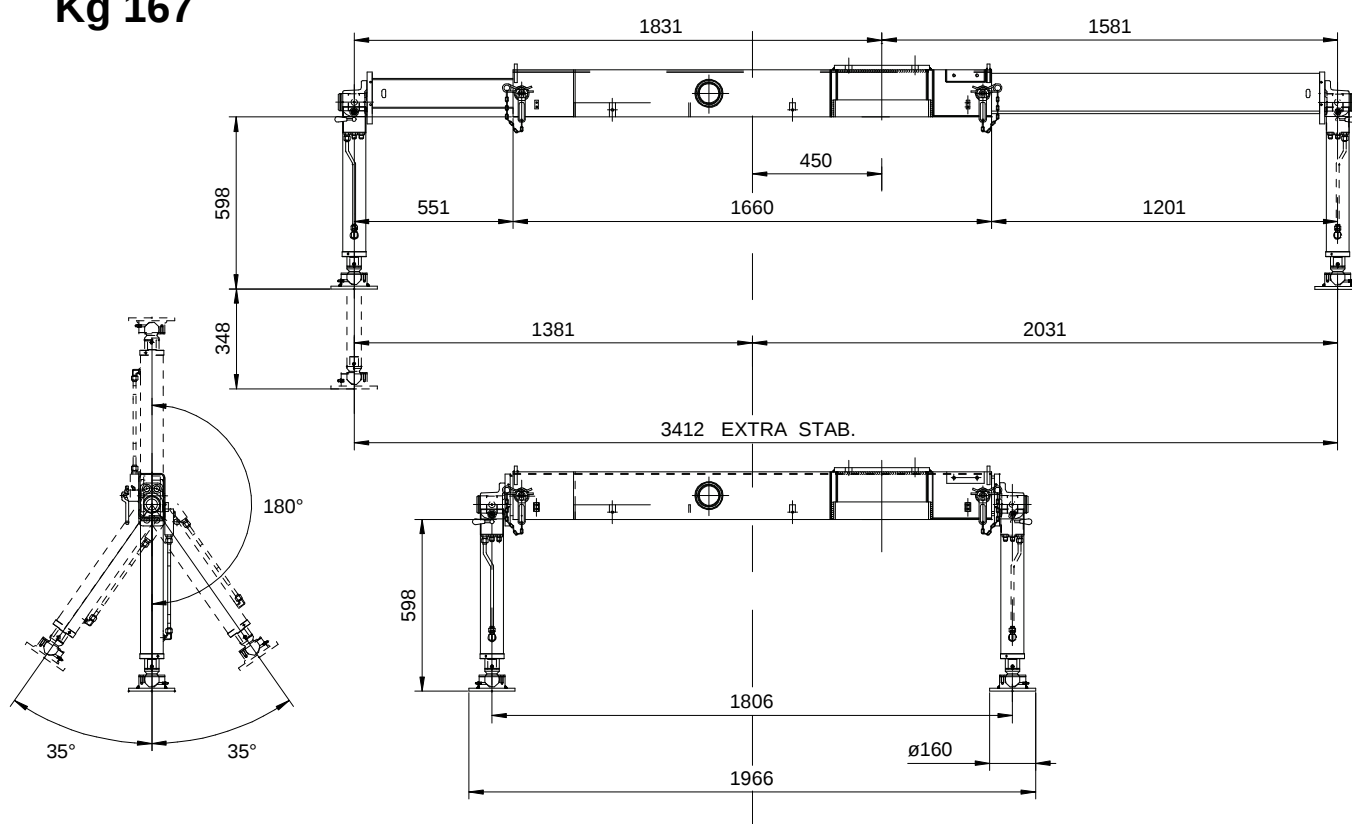
EXTRA STABILIZER DIMENSIONS WITH STD STABILISER JACK DIMENSIONI ASTE EXTRA CON MARTINETTI STABILIZZATORE STD

(OPTIONAL)
172 Kg

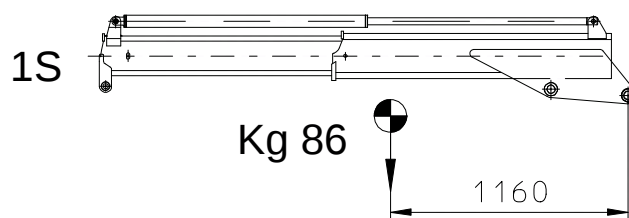
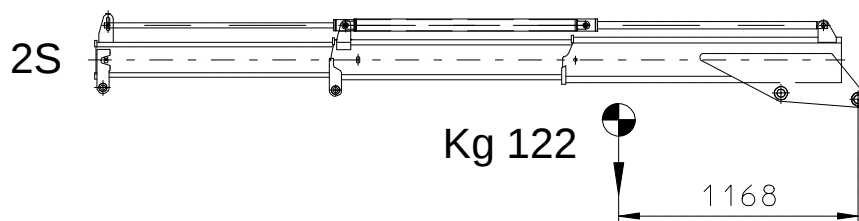
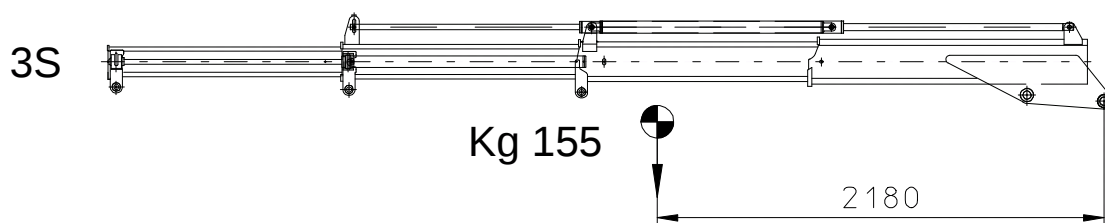
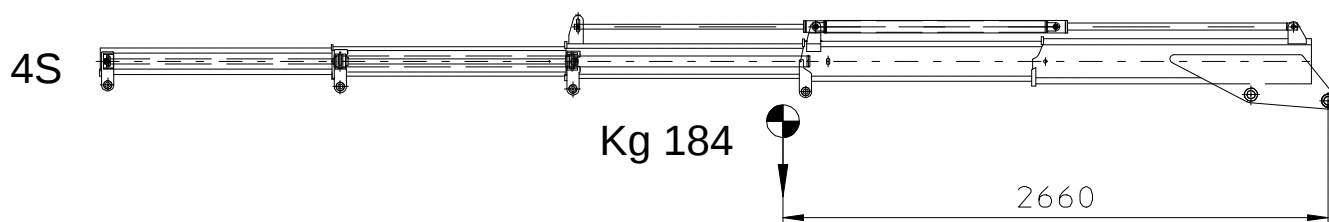


Fixing bolts Viti Fissaggio	N°8 M20x1.5 L=700 10.9	Tightening torque Coppia Serraggio	250 Nm
Max force on the stabilizer extra Reazione massima sullo stabilizzatore extra	2739 daN		
Max extra stabilizer pressure on the round (D=160mm) Pressione massima trasmessa al suolo dagli stabilizzatori extra (D=160mm)	13.6 daN/cm ²		

**STANDARD STABILIZER DIMENSIONS WITH SHORT
STABILISER JACK****DIMENSIONI ASTE STANDARD CON MARTINETTI
STABILIZZATORE CORTO****(OPTIONAL)**
Kg 133

**EXTRA STABILIZER DIMENSIONS WITH SHORT
STABILISER JACK****DIMENSIONI ASTE EXTRA CON MARTINETTI
STABILIZZATORE CORTI****(OPTIONAL)**
Kg 167

WEIGHTS – CENTERS OF GRAVITY PESI – CENTRI DI GRAVITA'

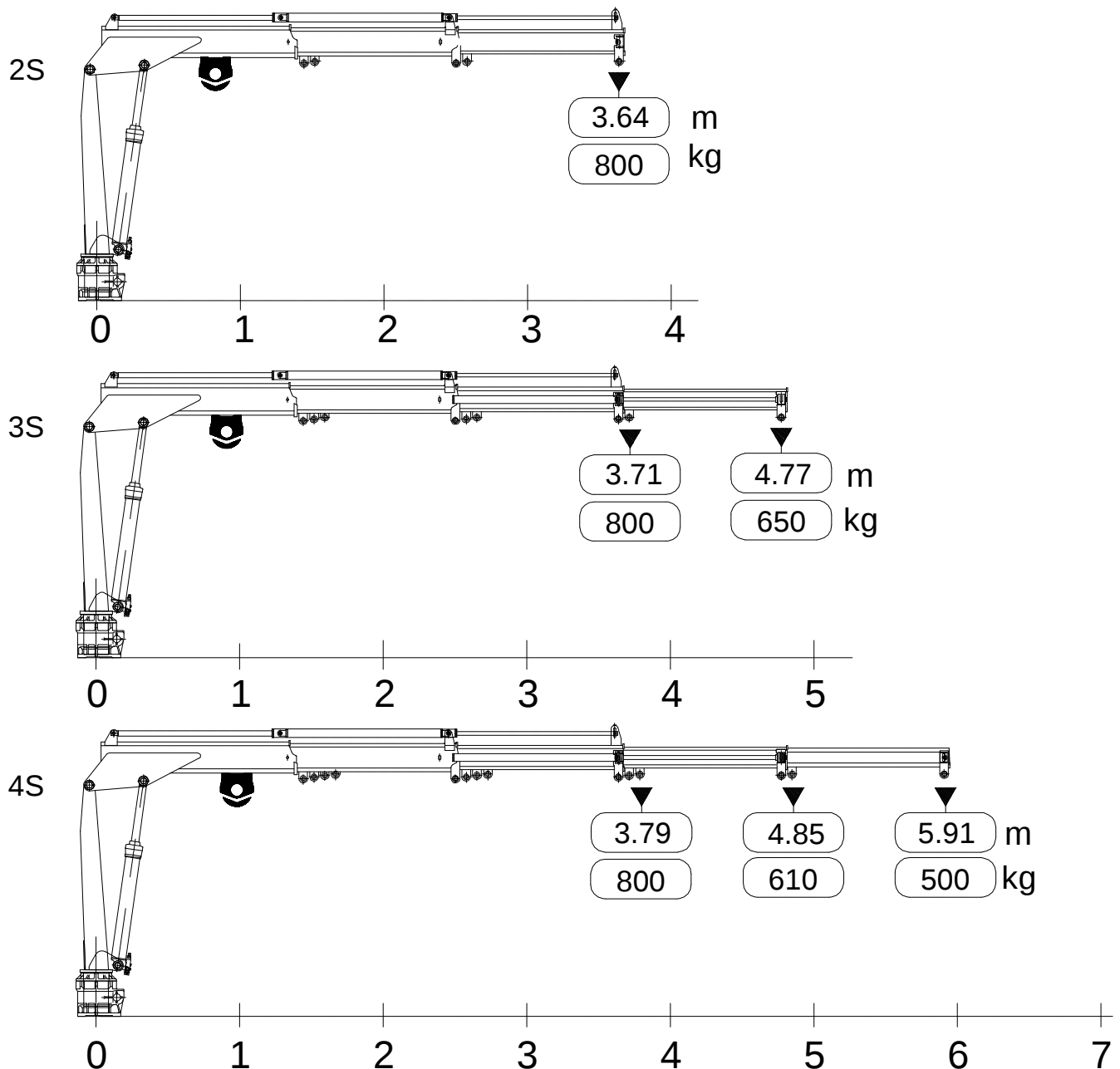


Massa parti fisse 605T (kg) senza stabilizzatori
Fixed parts 605T weights without stabilizers

Crane only

186

HYDRAULIC WINCH DATA CARATTERISTICHE VERRICELLO IDRAULICO



GRU CRANE –2S-3S-4S

Max winch direct pull [kg]	800
Massimo tiro diretto dell'argano [kg]	

CARATTERISTICHE ACCESSORI BENNA-POLIPO GRAB - BUCKET DATA

Peso massimo ammissibile Max allowable weight	70 kg
Pressione max. di esercizio Max working pressure	140 bar

