

804-904

805-905

RACCOLTA TECNICA TECHNICAL BOOK



804-904
805-905**Crane – Kran**
Grue – Grua - Gru**AMCO**  **VEBA****CARATTERISTICHE GENERALI**
TECHNICAL DATA

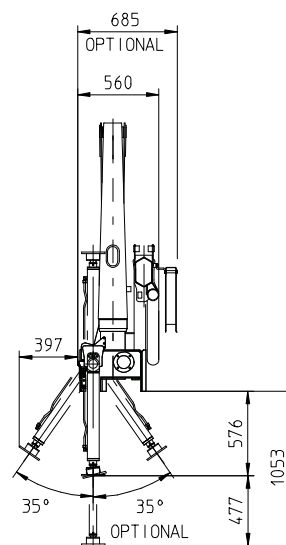
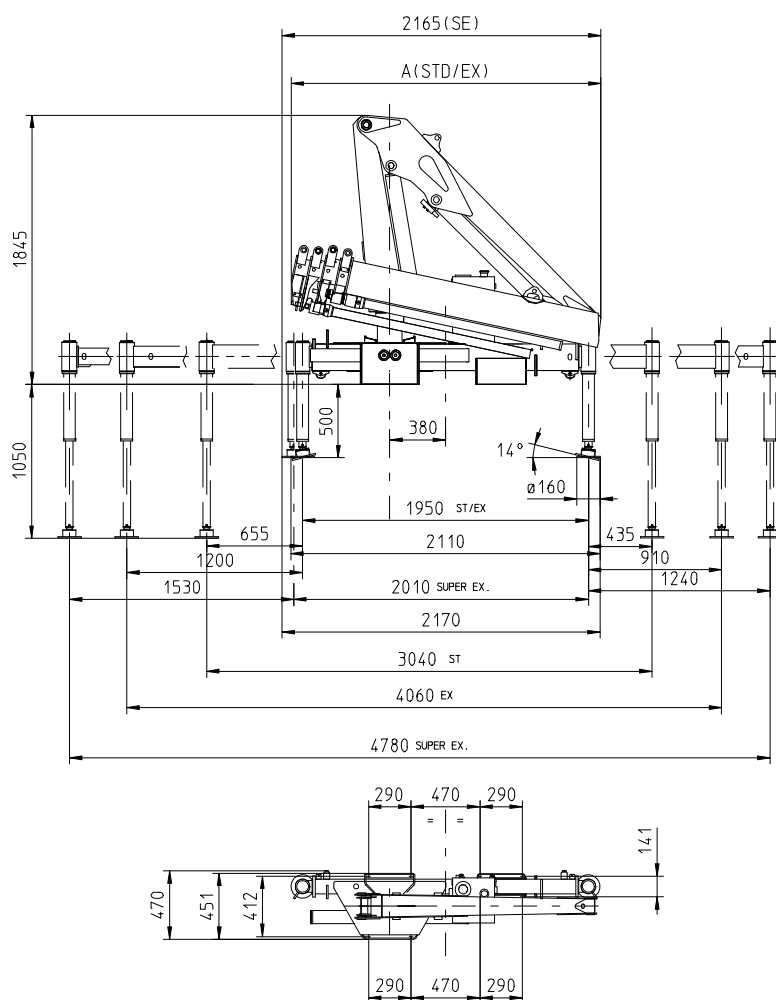
	804 - 904	805 - 905
Momento dinamico max (daNm) Max dynamic moment	5322	6060

	Versione	804 - 904	805 - 905
Portata max (kg) Max load	1S	995	1930
	2S	990	1860
	3S	930	1800
	4S	870	1720

	Versione	Stand.	EX man.	EX hydr.	SE
Massa totale 804 - 904 Crane 804 - 904 weight	1S	710	740	775	765
	2S	760	790	825	815
	3S	810	840	875	865
	4S	855	885	920	910

	Versione	Stand.	EX man.	EX hydr.	SE
Massa totale 805 - 905 Crane 805 - 905 weight	1S	730	760	795	785
	2S	780	810	845	835
	3S	830	860	895	885
	4S	875	905	940	930

	804 - 904			805 - 905		
	Std	Extra	Super Extra	Std	Extra	Super Extra
Reazione massima sullo stabilizzatore Max force on the stabilizer leg	3521 daN	2634 daN	2241 daN	4010 daN	3000 daN	2553 daN
Carico massimo trasmesso al suolo dagli stabilizzatori Max standard stabilizer pressure on the ground	26.5 daN /cm²	19.8 daN /cm²	16.9 daN /cm²	30.2 daN /cm2	22.6 daN /cm²	19.2 daN /cm²
Pressione massima di esercizio Max working pressure	235 bar			265 bar		
Portata massima di olio Max oil flow	16 l/min					
Capacità serbatoio olio Oil tank capacity	35 l					
Coppia di rotazione Slewing moment	655 daNm					
Angolo di rotazione Slewing angle	380°					
Potenza assorbita Absorbed power	7.8 kW			8.9 kW		
Normativa di calcolo Design standard	DIN 15018 EN 12999					
Raccordi di collegamento con pompa Fittings for connection with pump				NO RDC	RDC	
Linea di pressione distributore Control valve pressure line				M 3/4" - 16 JIC	M 3/4" – 16 JIC	
Linea di aspirazione serbatoio Tank suction line				F 1" BSP	F 1" BSP	

804-904**Crane – Kran****805-905****Grue – Grua - Gru****AMCO**  **VEBA****DIMENSIONI DI INGOMBRO****DIMENSIONS****804 - 904****805 - 905**

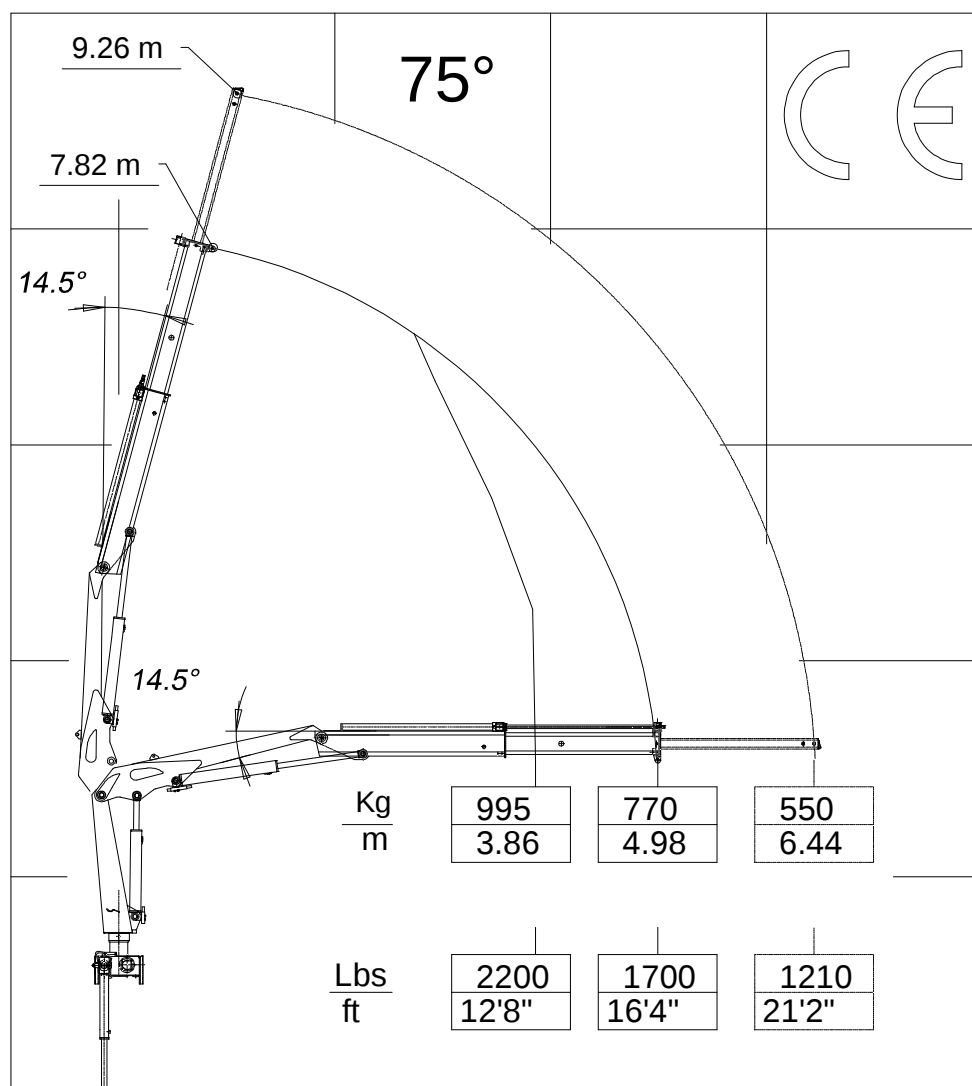
	A
1S	2100
2S	2100
3S	2100
4S	2115

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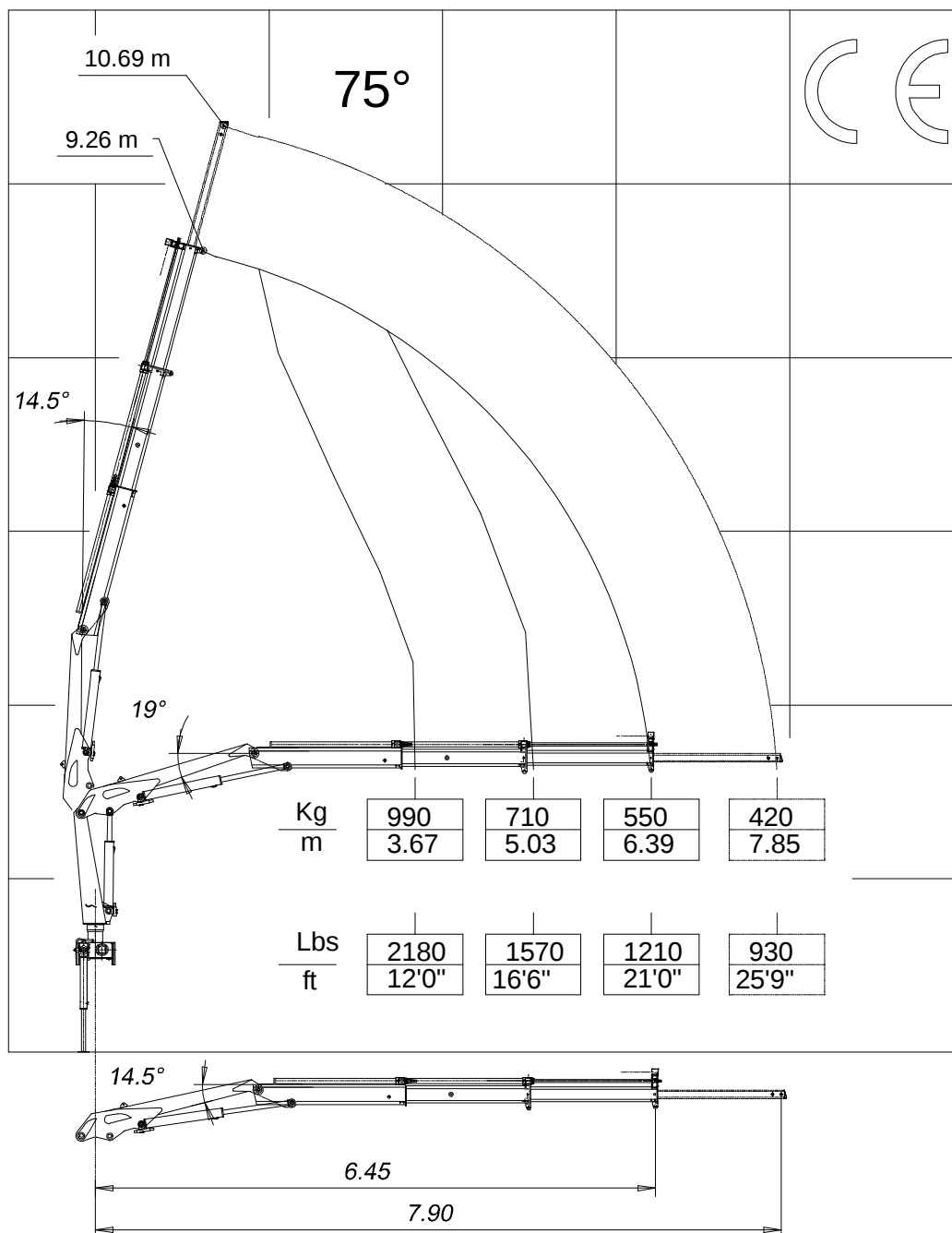
**DIAGRAMMA PORTATE****LOAD DIAGRAM****804 - 904 1S**

804-904

Crane – Kran

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Grue – Grúa - Gru

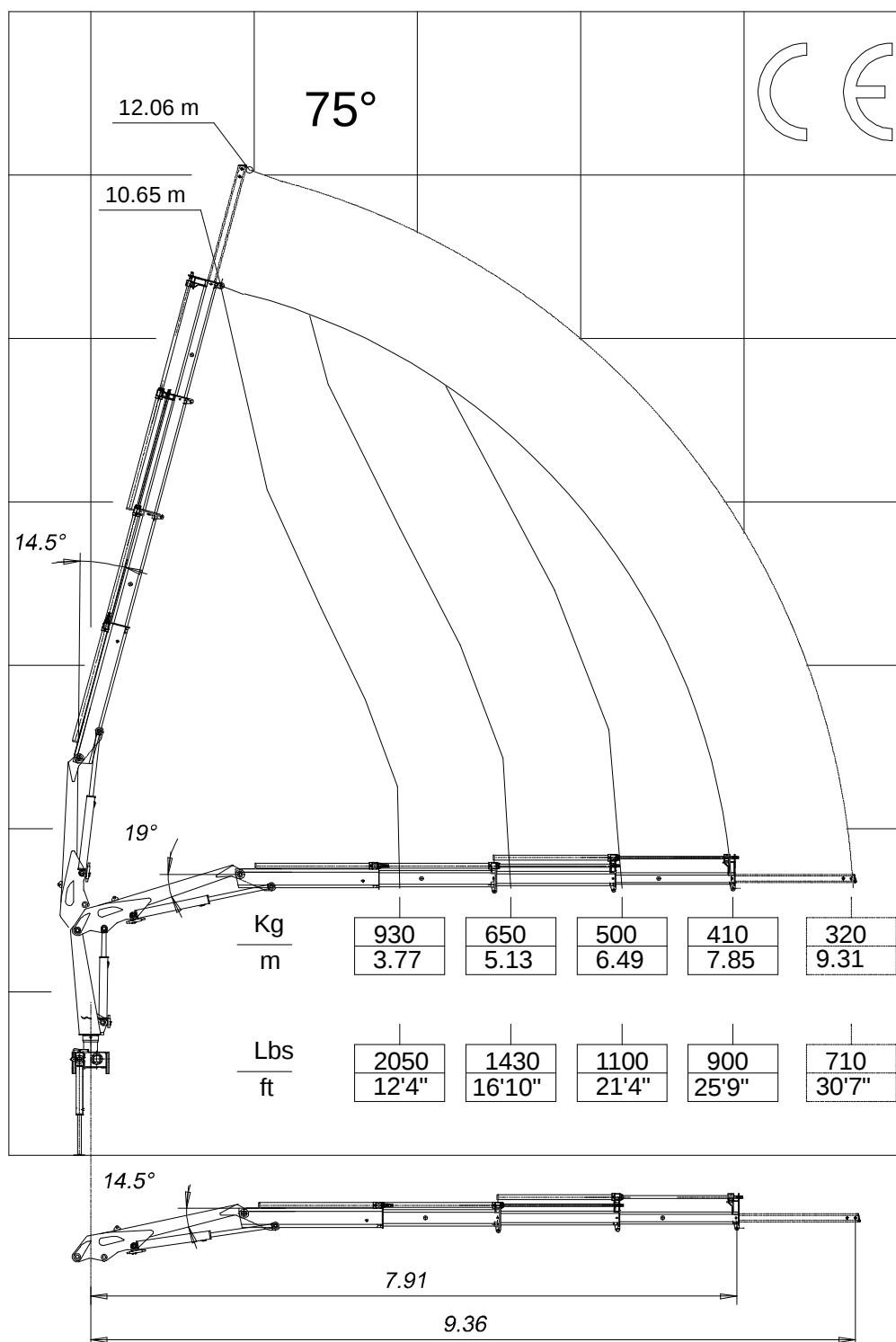
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804-904

Crane – Kran

805-905

Grue – Grua - Gru

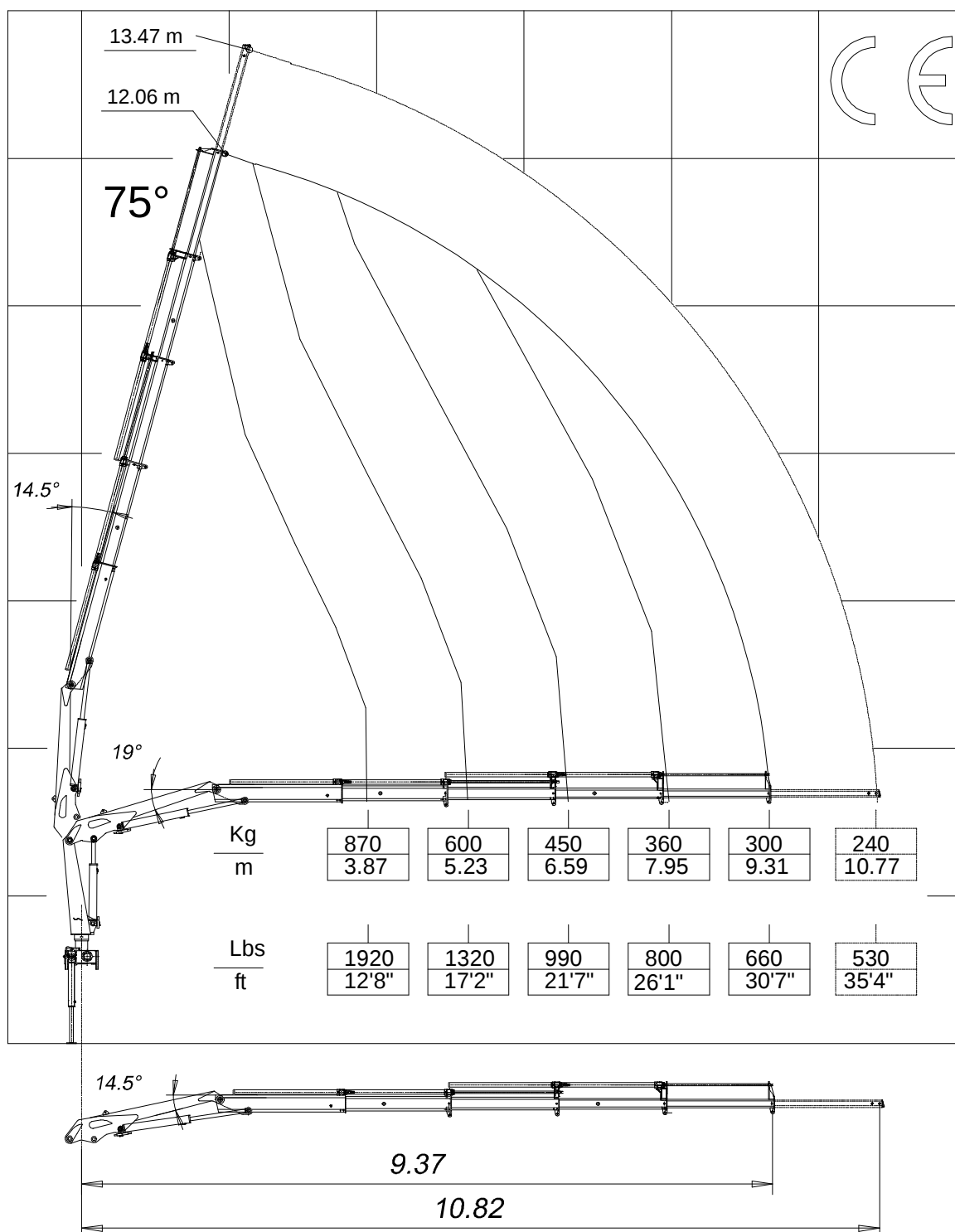
**DIAGRAMMA PORTATE****LOAD DIAGRAM****804 - 904 3S**

804-904

Crane – Kran

805-905

Grue – Grua - Gru

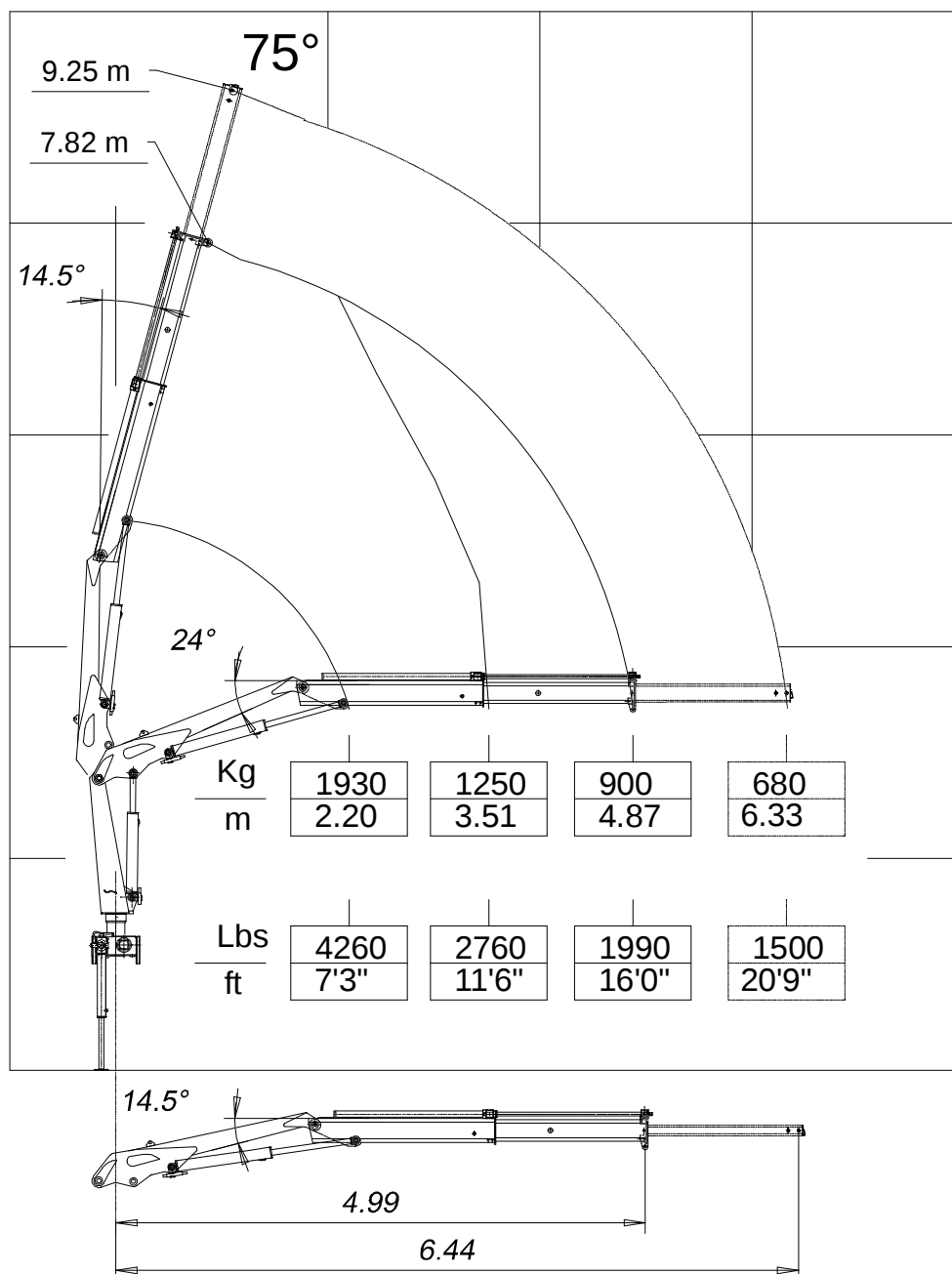
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804-904

Crane – Kran

805-905

Grue – Grúa - Gru

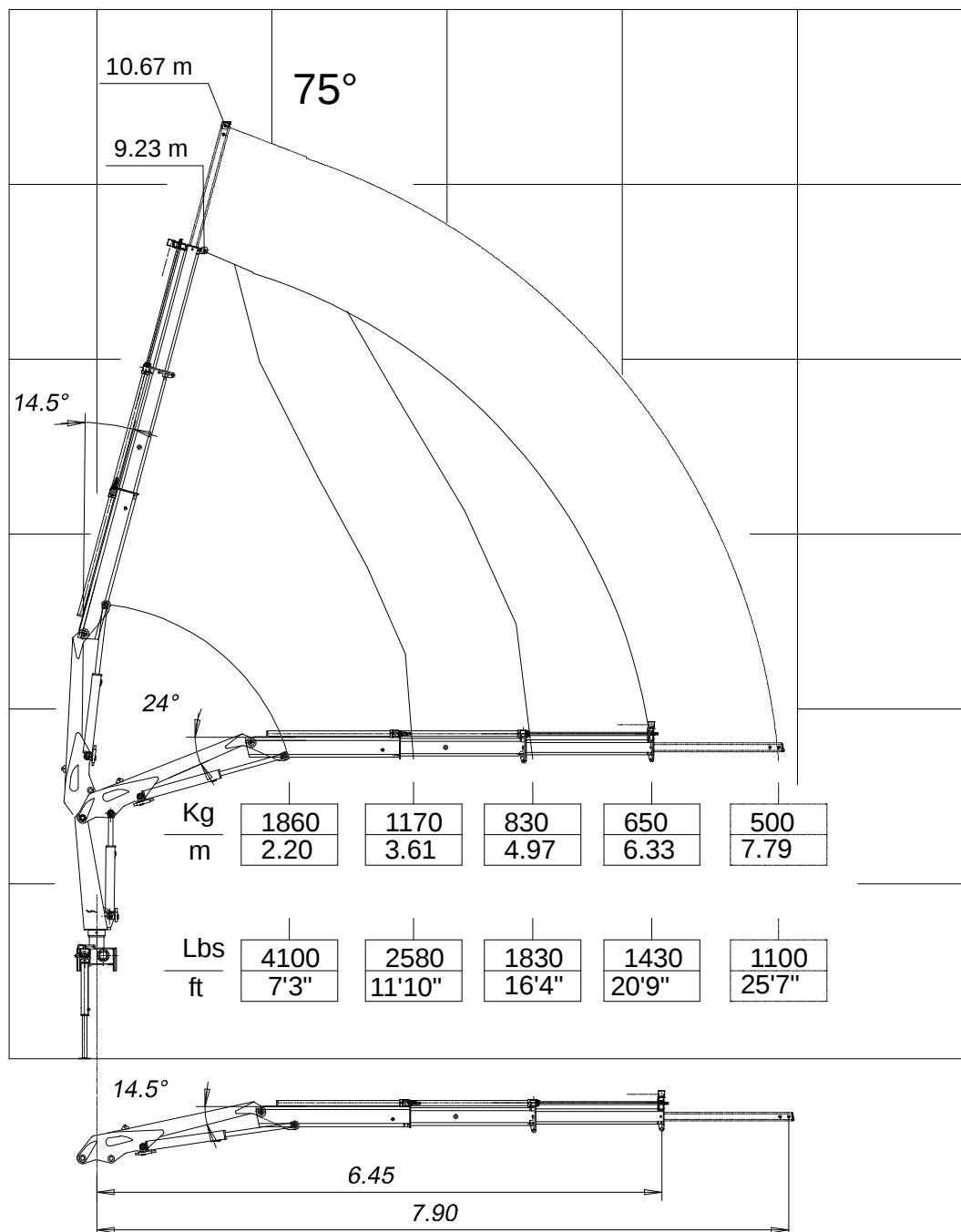
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804-904

Crane – Kran

805-905

Grue – Grúa - Gru

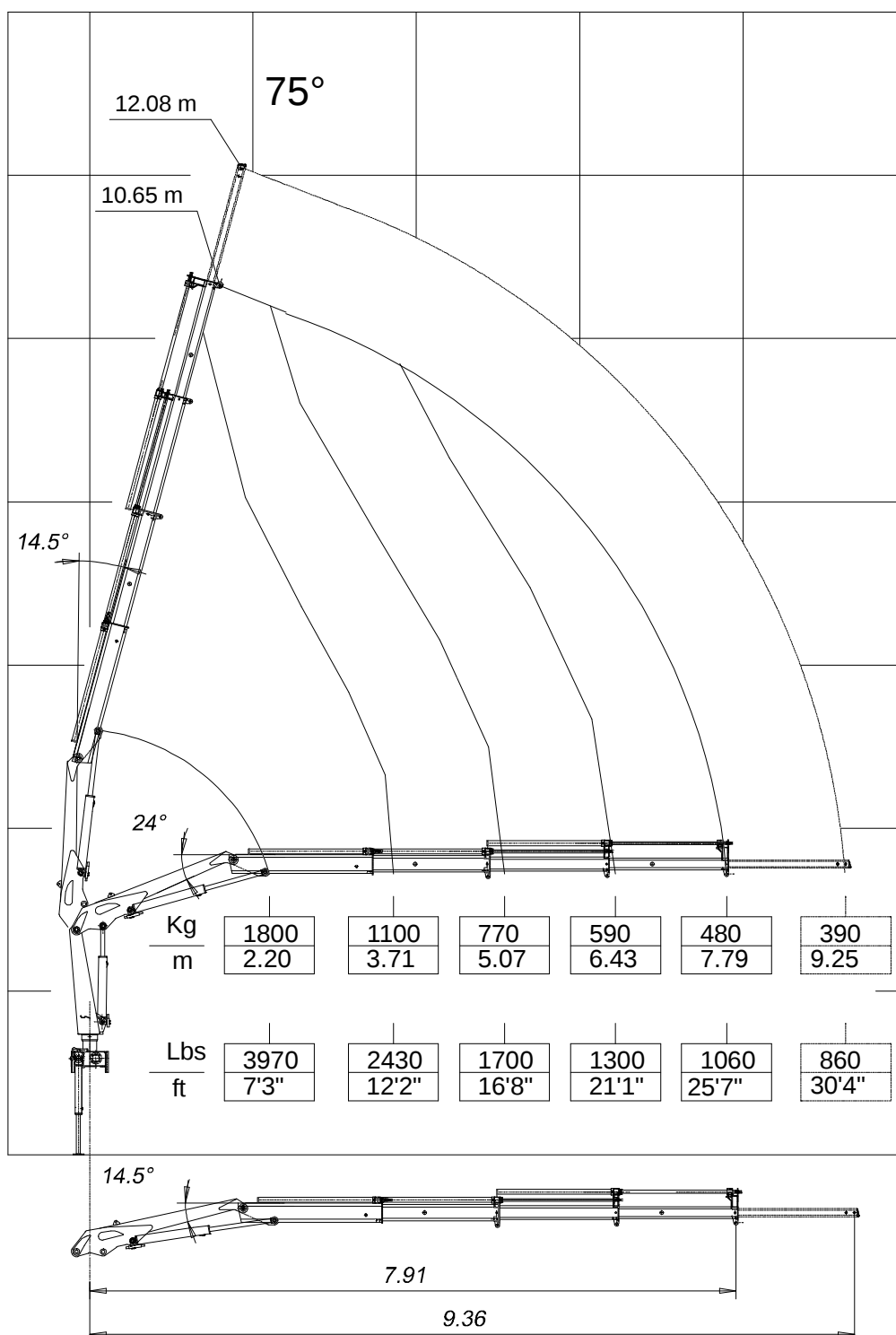
**DIAGRAMMA PORTATE****LOAD DIAGRAM****805 - 905 2S**

804-904

Crane – Kran

805-905

Grue – Grúa - Gru

AMCO  **VEBA****DIAGRAMMA PORTATE****LOAD DIAGRAM****805 - 905 3S**

804-904

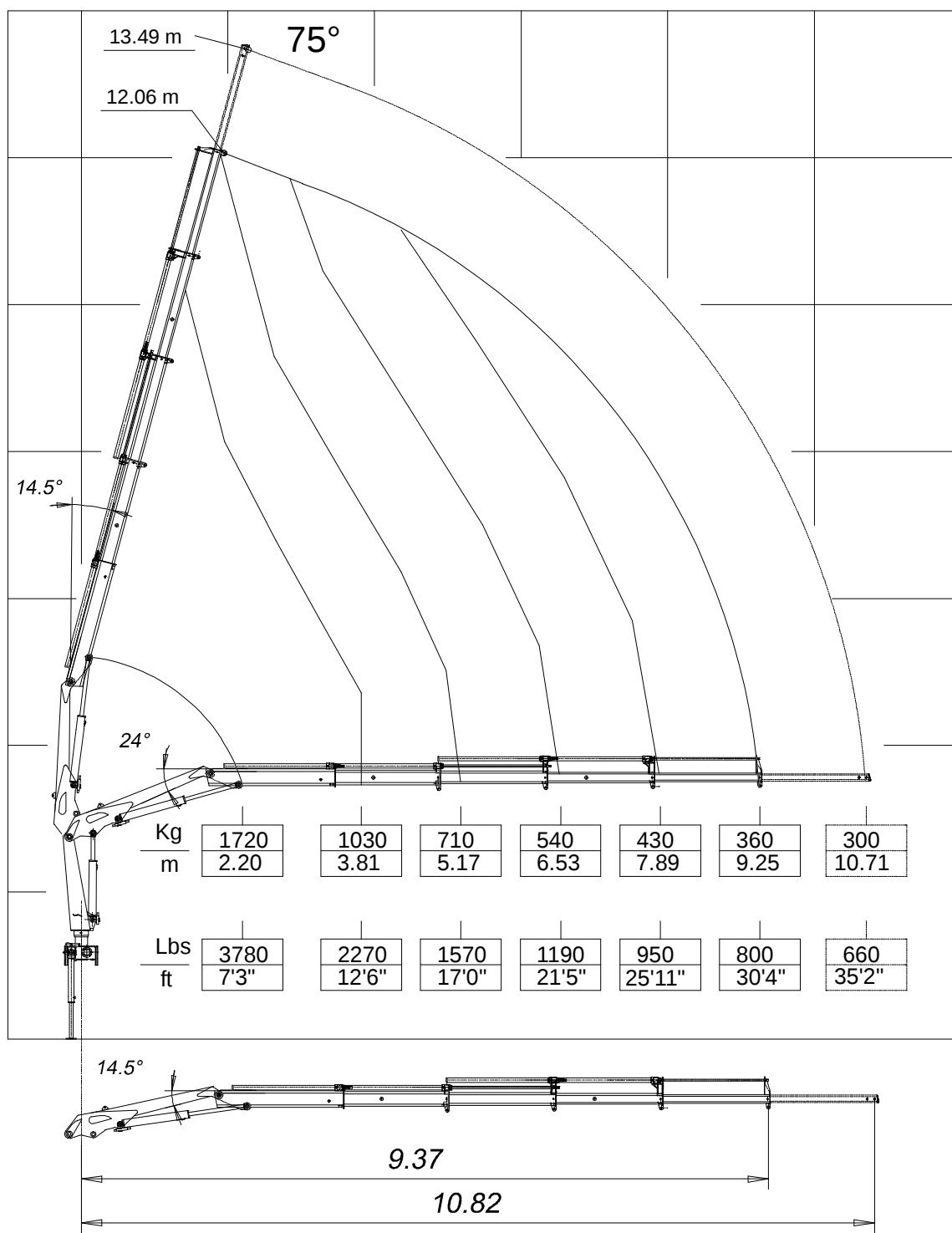
Crane – Kran

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Grue – Grúa - Gru



DIAGRAMMA PORTATE
LOAD DIAGRAM
805 - 905 4S



804-904

Crane – Kran

805-905

Grue – Grua - Gru

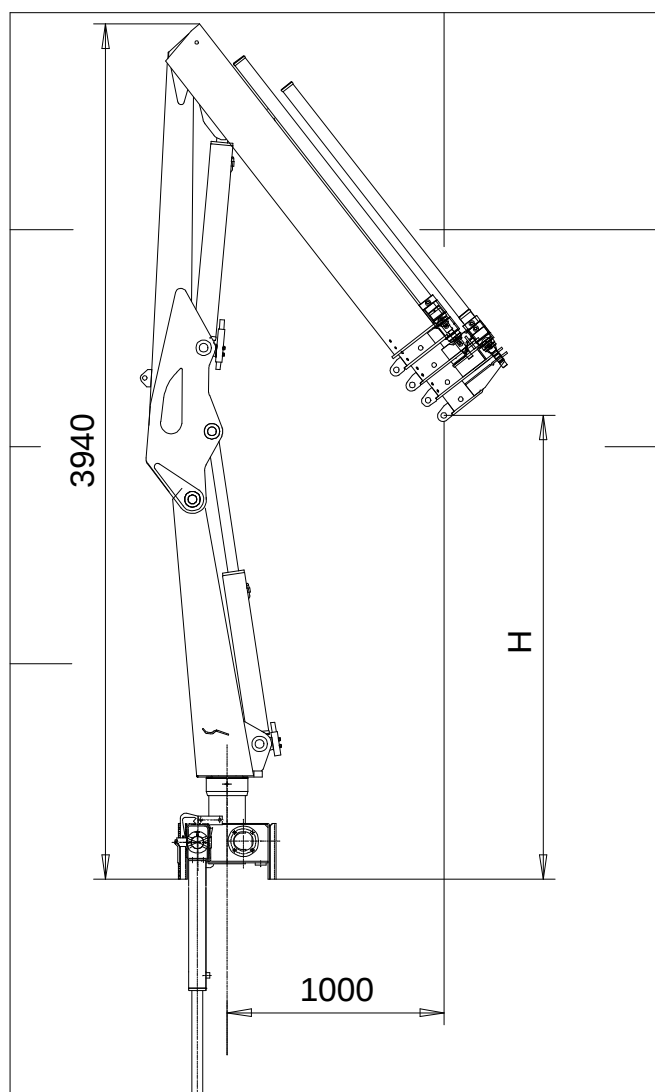


ALTEZZA ATTACCO GANCIO

HOOK HEIGHT

804-904

805-905



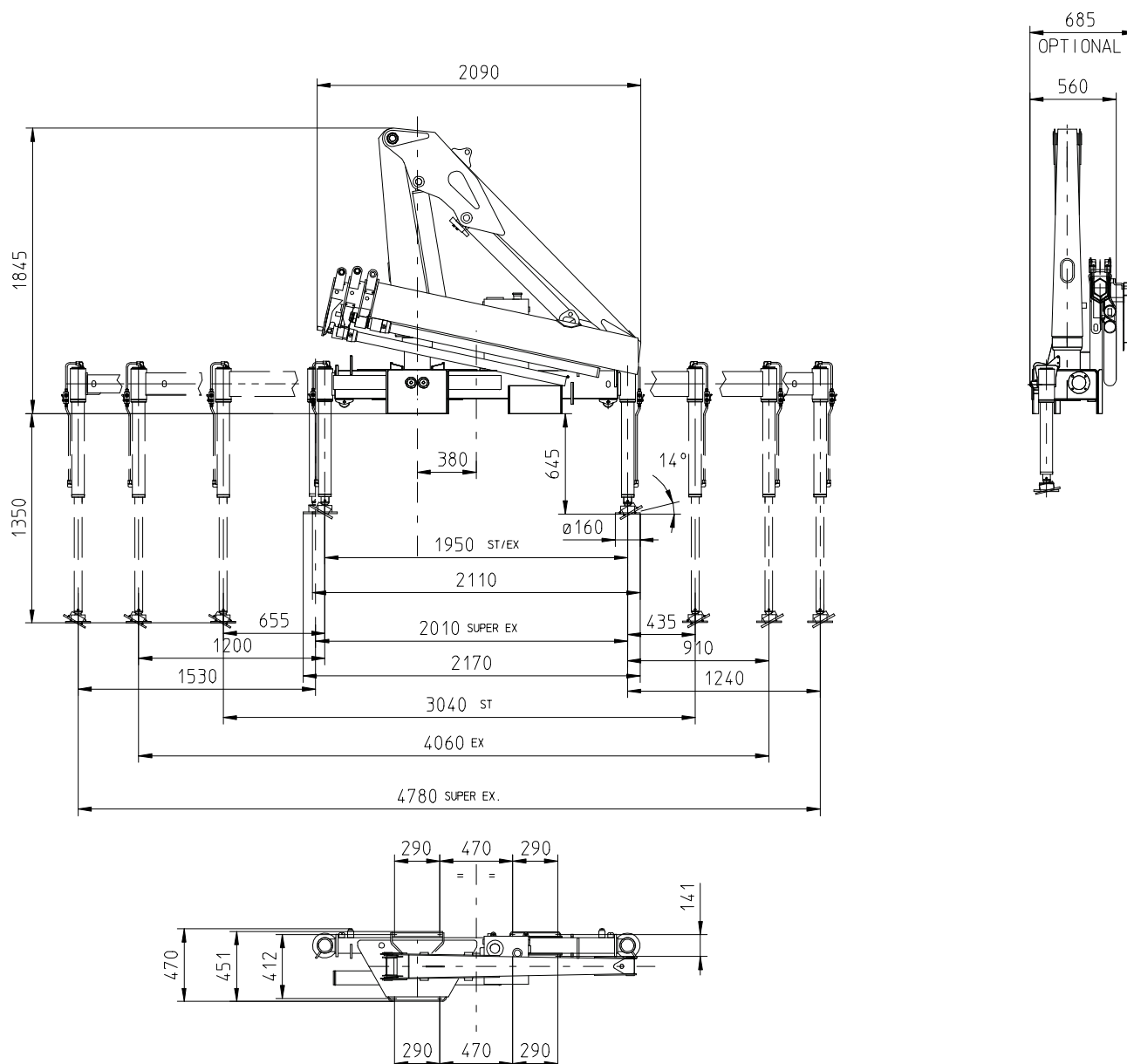
H 1S = 2505

H 2S = 2380

H 3S = 2255

H 4S = 2135

DIMENSIONI BASAMENTO CON STABILIZZATORI SCORREVOLI LUNGI BASE DIMENSIONS WITH LONG STABILIZERS

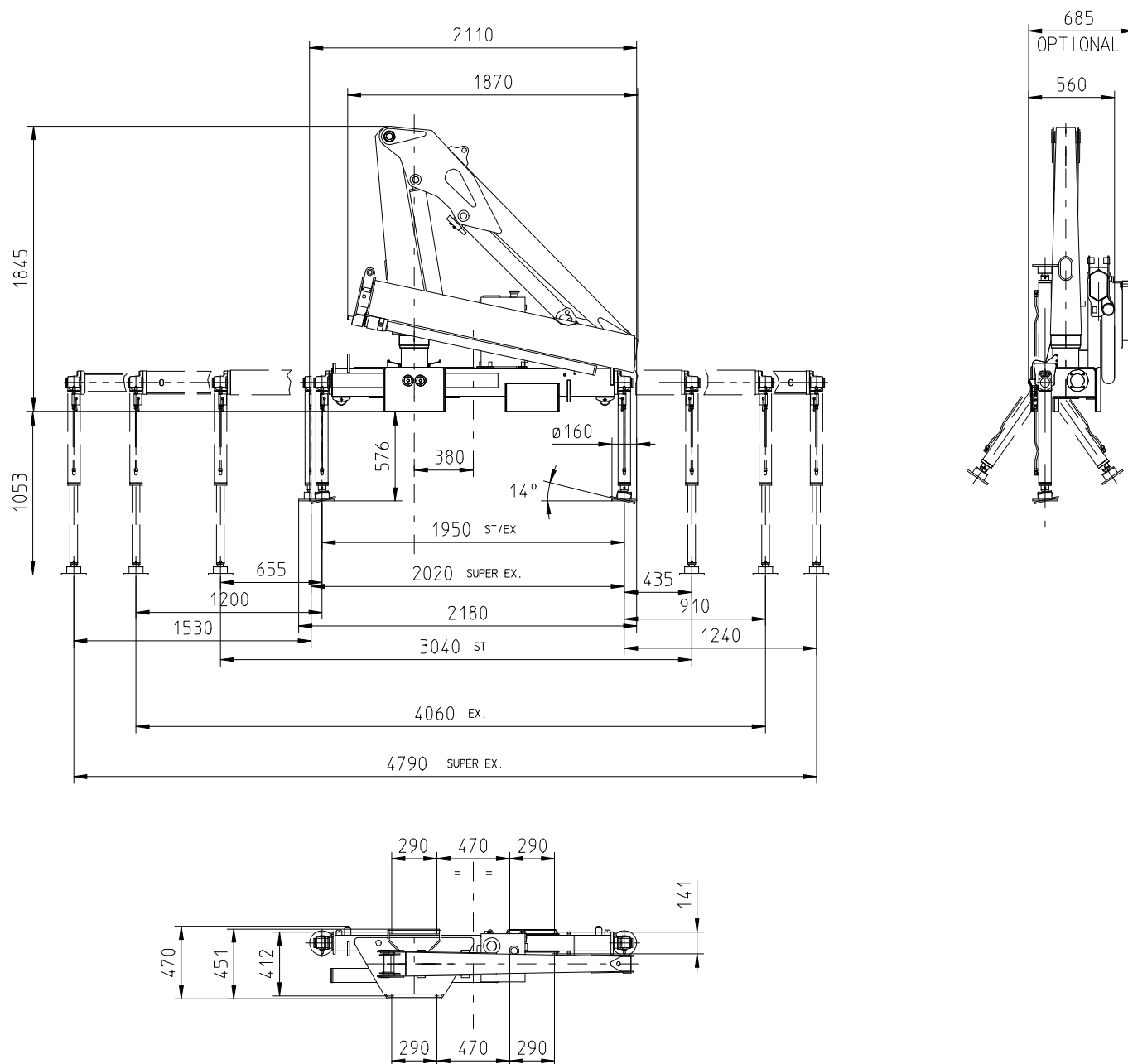


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Crane – Kran

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Grue – Grua - Gru

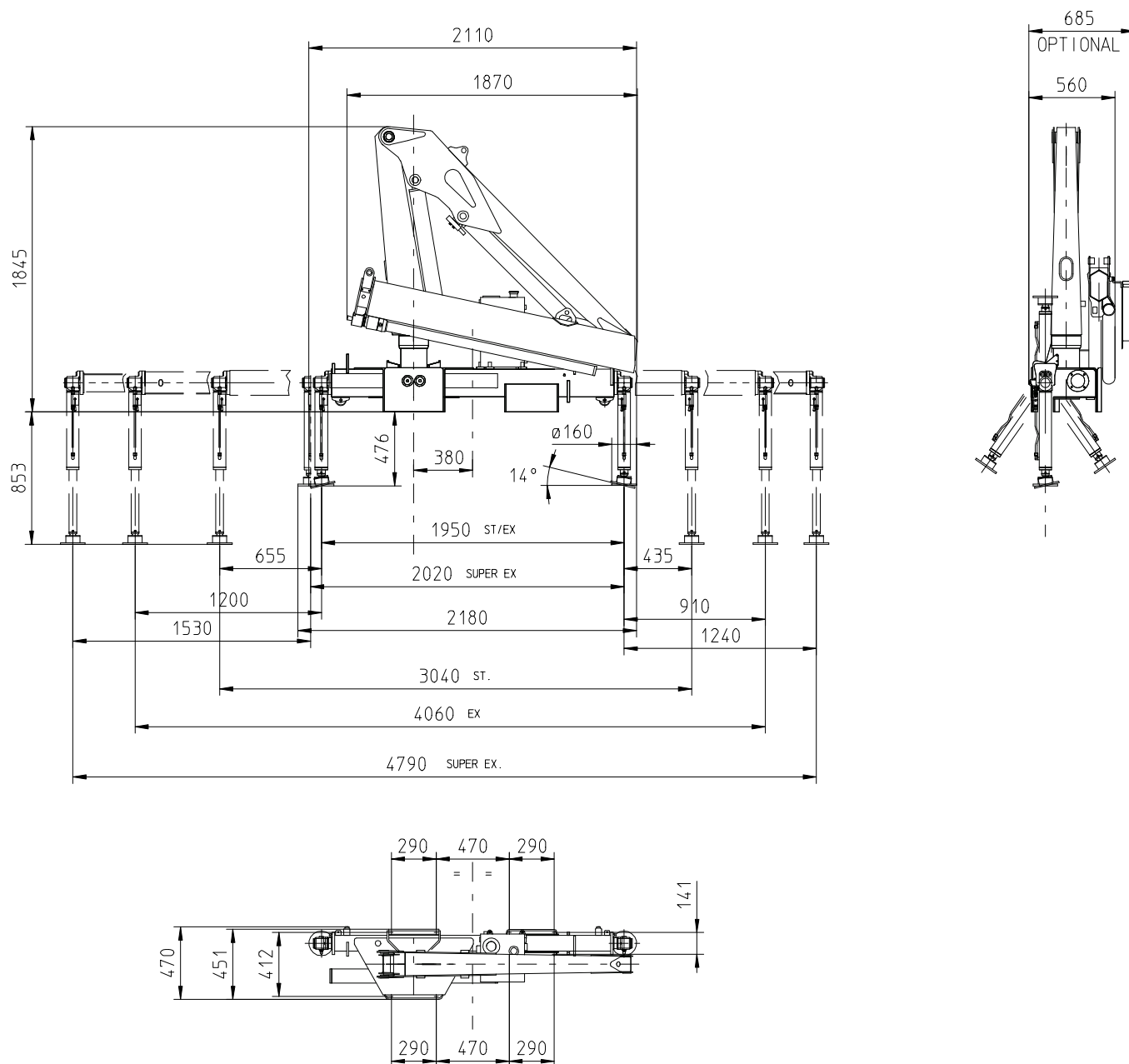
AMCO  **VEBA****DIMENSIONI BASAMENTO CON CILINDRI STABILIZZATORI ROTANTI STD**
BASE DIMENSIONS WITH TILTING STD CYLINDERS

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Crane – Kran

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Grue – Grua - Gru

AMCO  **VEBA****DIMENSIONI BASAMENTO CON CILINDRI STABILIZZATORI ROTANTI CORTI**
BASE DIMENSIONS WITH TILTING SHORT CYLINDERS

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Crane – Kran

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Grue – Grua - Gru



**DIMENSIONI BASAMENTO CON CILINDRI STABILIZZATORI ROTANTI
LUNGI**

BASE DIMENSIONS WITH TALL TILTING CYLINDERS

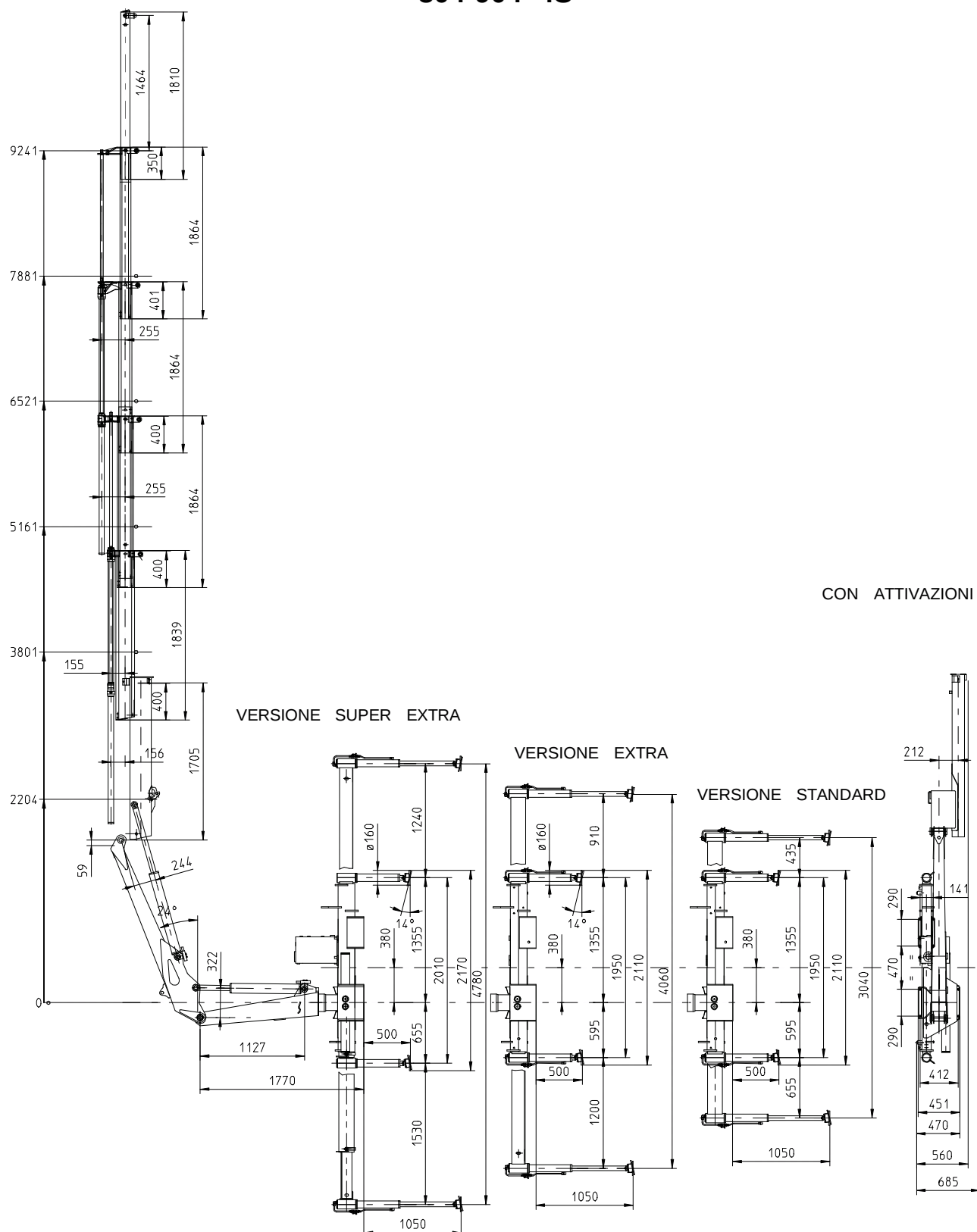
**NON DISPONIBILE
NOT AVAILABLE**

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Crane - Kran

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Grue - Grua - Gru

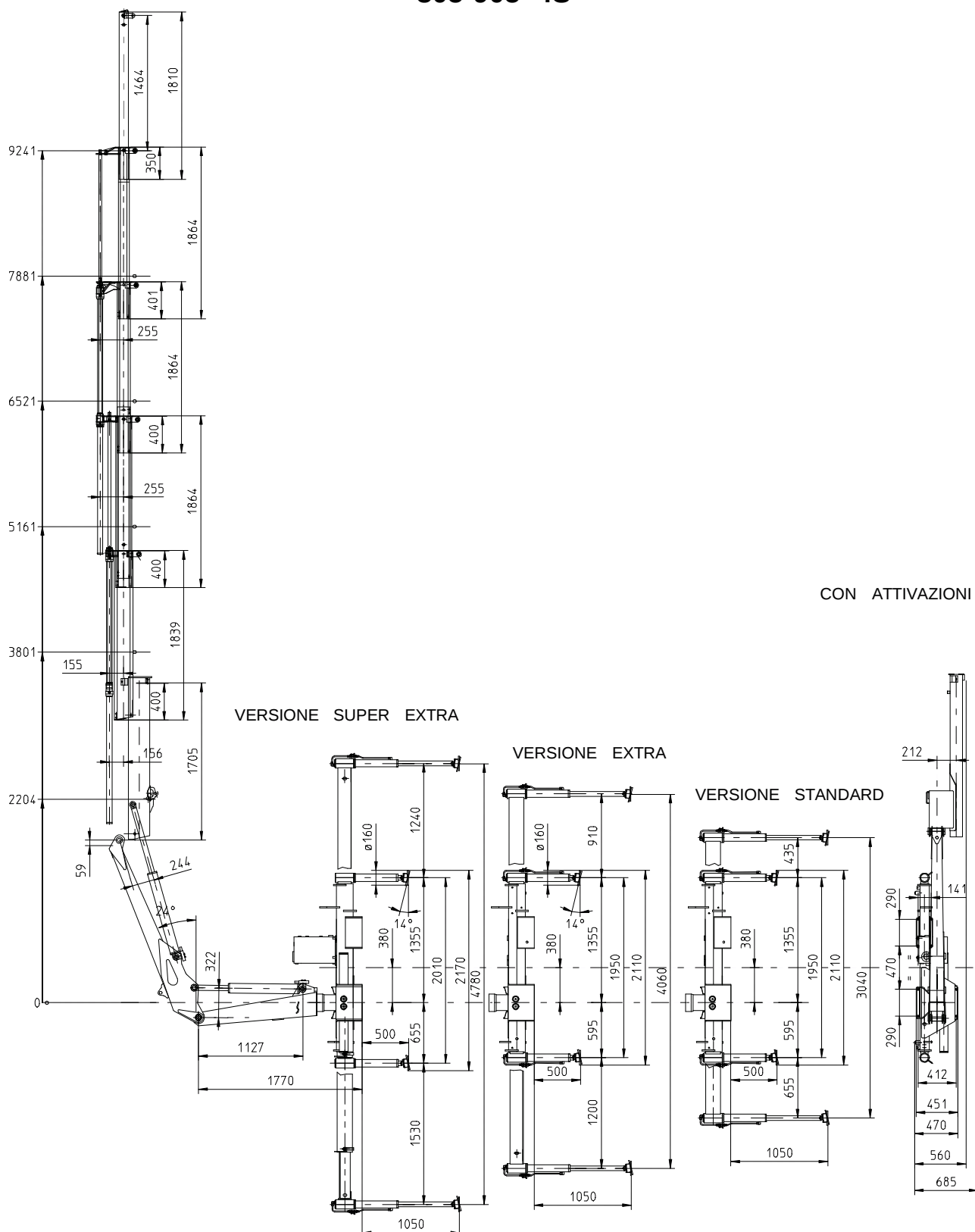
**DIMENSIONALE COLONNA E BRACCI****COLUMN - BOOM - DIMENSIONS****804-904 4S**

804-904
805-905

Crane - Kran
Grue - Grua - Gru

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DIMENSIONALE COLONNA E BRACCI
COLUMN - BOOM - DIMENSIONS
805-905 4S



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Crane – Kran
Grue – Grua - Gru

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DIMENSIONI PERNI E CILINDRI
PINS – CYLINDERS - DIMENSIONS

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CILINDRO DI SOLLEVAMENTO
LIFTING CYLINDER

Alesaggio - <i>Cylinder bore</i>	90
Diametro esterno - <i>Cyl. ext. diameter</i>	102
Diametro stelo - <i>Rod diameter</i>	55 - 0
Interasse aperto - <i>Pitch (open)</i>	1457
Interasse chiuso - <i>Pitch (closed)</i>	860
Corsa - <i>Stroke</i>	597
Raccordi - <i>Fittings</i>	-
Ø perni articolazione - <i>Artic. pin Ø</i>	40
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO DI ARTICOLAZIONE
ARTICULATION CYLINDER

Alesaggio - <i>Cylinder bore</i>	90
Diametro esterno - <i>Cyl. ext. diameter</i>	102
Diametro stelo - <i>Rod diameter</i>	55 - 0
Interasse aperto - <i>Pitch (open)</i>	1753
Interasse chiuso - <i>Pitch (closed)</i>	1002
Corsa - <i>Stroke</i>	751
Raccordi - <i>Fittings</i>	-
Ø perni articolazione - <i>Artic. pin Ø</i>	40
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO 1° - 2° - 3° SFILO
1ST - 2ND - 3TH EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	35 - 25
Interasse aperto - <i>Pitch (open)</i>	1510
Interasse chiuso - <i>Pitch (closed)</i>	150
Corsa - <i>Stroke</i>	1360
Raccordi - <i>Fittings</i>	-
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

CILINDRO 4° SFILO
4TH EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Pitch (open)</i>	1510
Interasse chiuso - <i>Pitch (closed)</i>	150
Corsa - <i>Stroke</i>	1360
Raccordi - <i>Fittings</i>	-
Ø perno fissaggio - <i>Fixing pin Ø</i>	-
Mat. perno/i - <i>Pin steel</i>	-

CILINDRO DI ROTAZIONE
ROTATION CYLINDER

Alesaggio - <i>Cylinder bore</i>	80
Diametro esterno - <i>Cyl. ext. diameter</i>	90
Diametro stelo - <i>Rod diameter</i>	-
Interasse aperto - <i>Pitch (open)</i>	-
Interasse chiuso - <i>Pitch (closed)</i>	-
Corsa - <i>Stroke</i>	395
Raccordi - <i>Fittings</i>	-
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

804-904

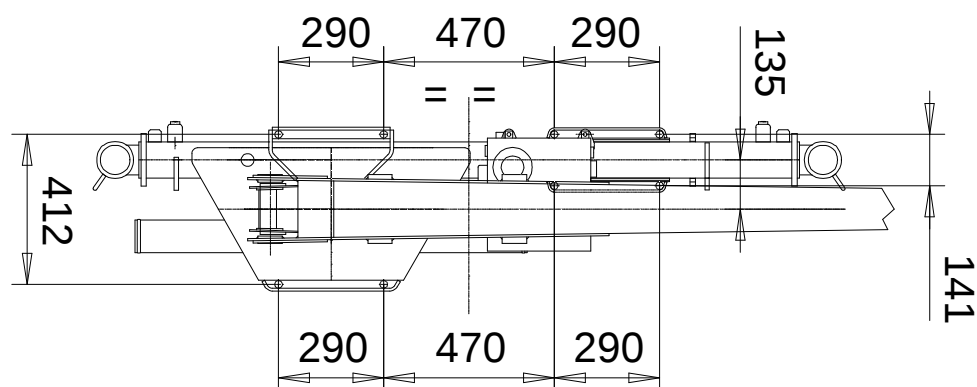
Crane – Kran

805-905

Grue – Grua - Gru

AMCO  **VEBA****DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE**

BASE DIMENSIONS, TIE RODS & ROTATION SCREWS

804 - 904**805 - 905**

Tiranti di staffaggio Mounting tie rods	N°8 M20x1.5 39NiCrMo3 BONIFICATO
Viti fissaggio canna di rotazione Rotation cylinder fixing bolts	N°4 M12x35 10.9 UNI 5931 Coppia di serraggio (Tightening torque) 68 Nm

804-904

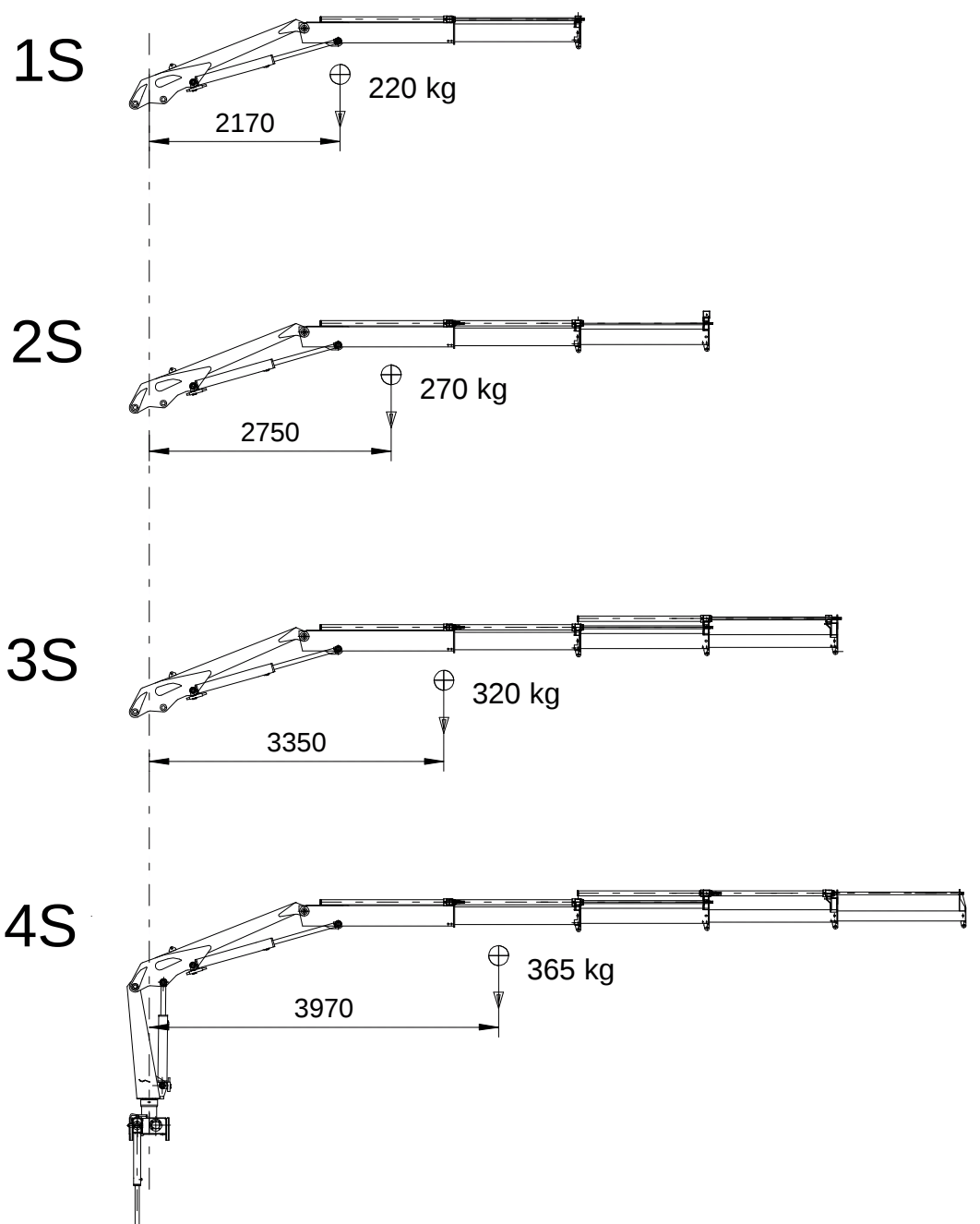
Crane – Kran

805-905

Grue – Grua - Gru

AMCO  **VEBA**

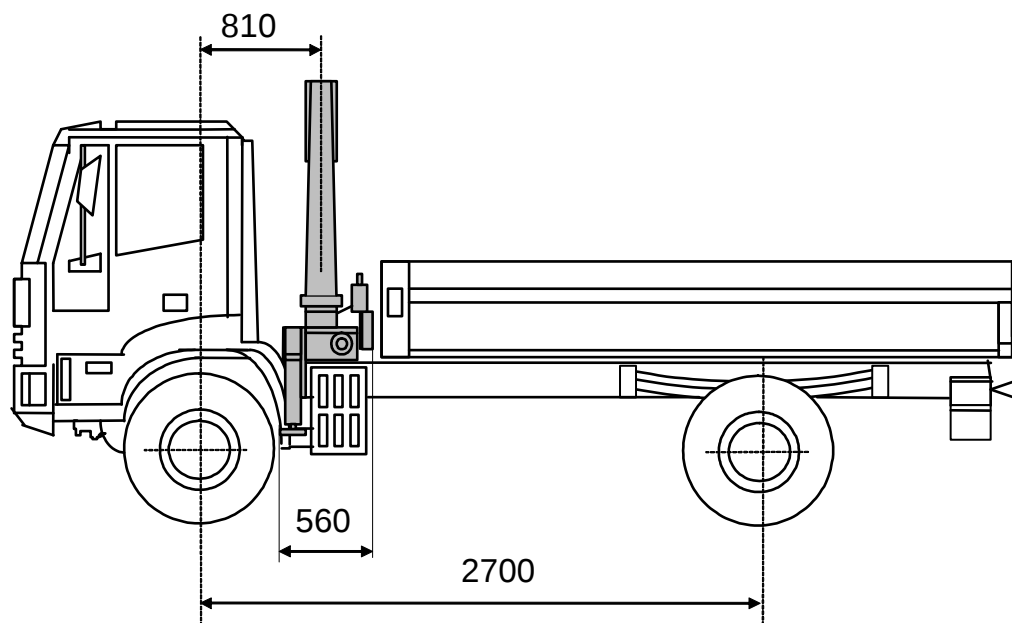
PESI – BARICENTRI
WEIGHTS – CENTER OF GRAVITY
804-904-805-905



	Stand.	EX man.	EX hydr.	SE
Massa parti fisse 804 - 904 (kg) Fixed parts 804 - 904 weights	490	520	555	545
Massa parti fisse 805 - 905 (kg) Fixed parts 805 - 905 weights	510	540	575	565

804-904**Crane – Kran****805-905****Grue – Grua - Gru****AMCO**  **VEBA**

AUTOCARRO MINIMO SENZA STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITHOUT SUPPLEMENTARY STABILIZERS
804-904



PTT (GVW) = 65 q

DATI AUTOCARRO A VUOTO

Asse anteriore

Tara asse anteriore = 2065 kg

Tara ammissibile asse anteriore = 2900 kg

Asse posteriore

Tara asse posteriore = 765 kg

PESI ALLESTIMENTO

Peso cassone = 300 kg

Peso gru = 855 kg (804-904 4S ST)

Peso controtelaio = 80 kg

CHASSIS DATA

Front axle

Front axle tare weight = 2065 kg

Allowable front axle weight = 2900 kg

Rear axle

Rear axle tare weight = 765 kg

OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 855 kg (804-904 4S ST)

Counterframe weight = 80 kg

Coefficiente di stabilità = 1,51

Stability index = 1,51

804-904

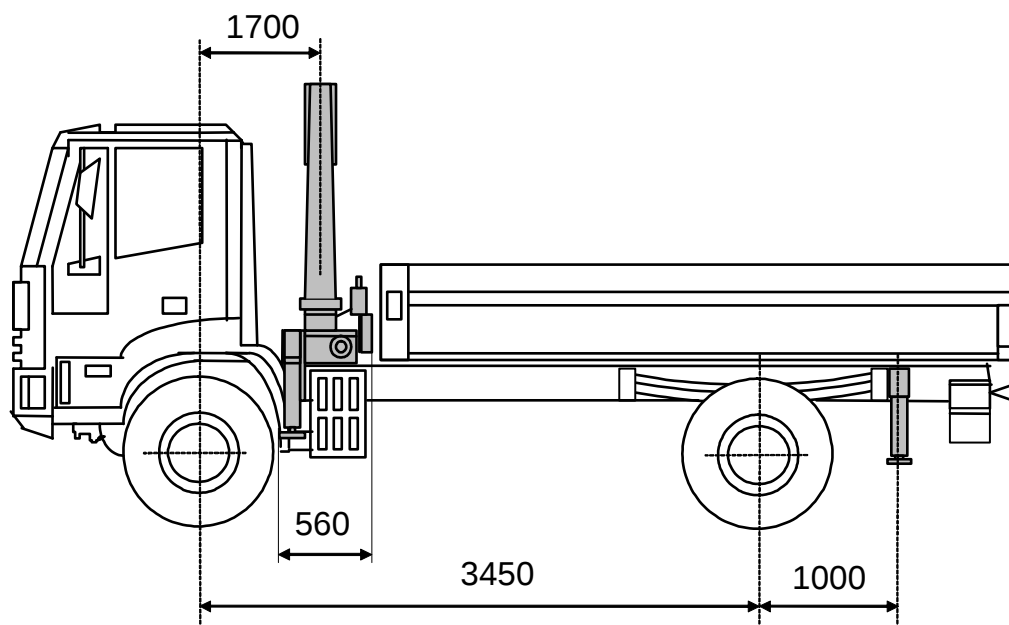
Crane – Kran

805-905

Grue – Grúa - Gru

AMCO  **VEBA****AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI**

MIN TRUCK WITH SUPPLEMENTARY STABILIZERS

804-904**PTT (GVW) = 50 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 1435 kg

Tara ammissibile asse anteriore = 1900 kg

Asse posteriore

Tara asse posteriore = 630 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 1435 kg

Allowable front axle weight = 1900 kg

Rear axle

Rear axle tare weight = 630 kg

PESI ALLESTIMENTO

Massa cassone = 250 kg

Massa gru = 855 kg (804-904 4S ST)

Massa controtelaio = 120 kg

OUTFIT WEIGHTS

Body weight = 250 kg

Crane weight = 855 kg (804-904 4S ST)

Counterframe weight = 120 kg

Stabilizzatori supplementari

Apertura minima = 2600 mm

Peso stabilizzatori supplementari = 110 kg

Rear beam stabilizers

Min. width = 2600 mm

Rear stabilizer weight = 110 kg

Coefficiente di stabilità = 1,51**Stability index = 1,51**

804-904

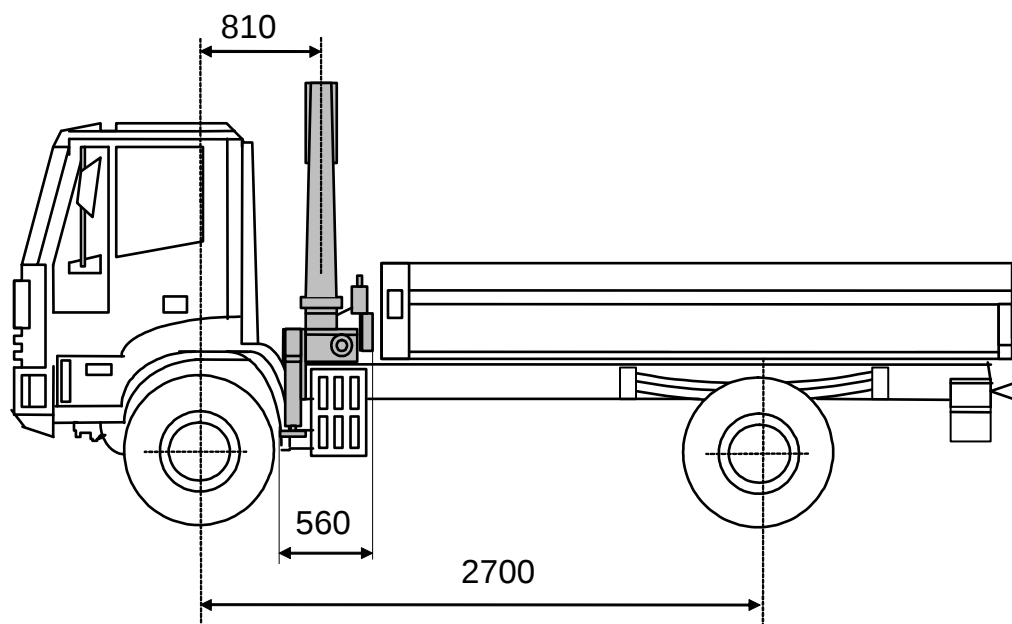
Crane – Kran

805-905

Grue – Grúa - Gru

AMCO  **VEBA**

AUTOCARRO MINIMO SENZA STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITHOUT SUPPLEMENTARY STABILIZERS
805-905

**PTT (GVW) = 65 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 2065 kg

Tara ammissibile asse anteriore = 2900 kg

Asse posteriore

Tara asse posteriore = 765 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2065 kg

Allowable front axle weight = 2900 kg

Rear axle

Rear axle tare weight = 765 kg

PESI ALLESTIMENTO

Peso cassone = 300 kg

Peso gru = 905 kg (805-905 4S EX)

Peso controtelaio = 80 kg

OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 905 kg (805-905 4S EX)

Counterframe weight = 80 kg

Coefficiente di stabilità = 1,66**Stability index = 1,66**

804-904

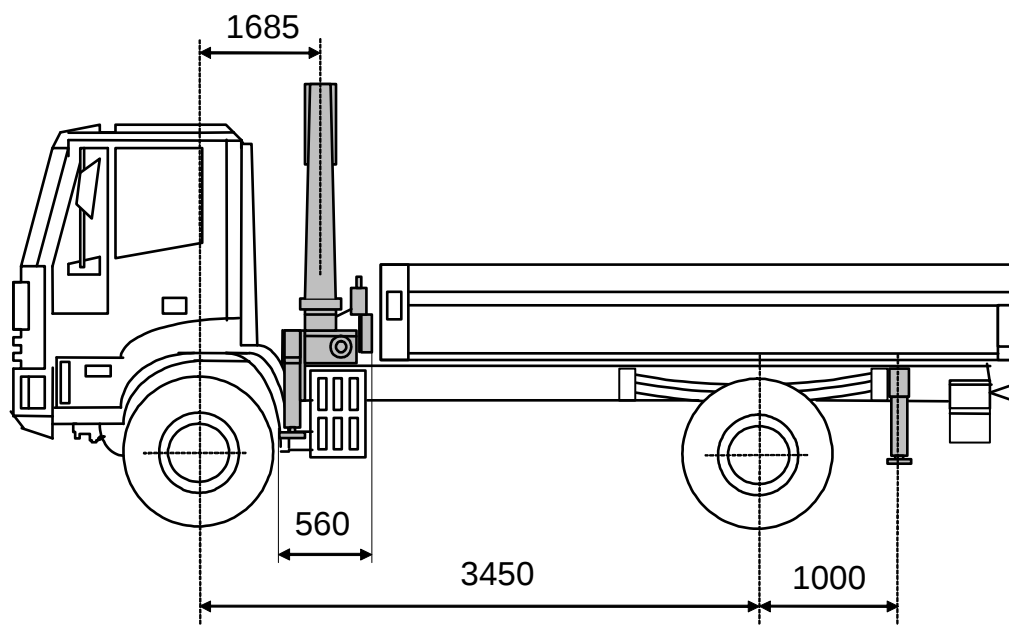
Crane – Kran

805-905

Grue – Grúa - Gru

AMCO  **VEBA****AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI**

MIN TRUCK WITH SUPPLEMENTARY STABILIZERS

805-905**PTT (GVW) = 50 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 1435 kg

Tara ammissibile asse anteriore = 1900 kg

Asse posteriore

Tara asse posteriore = 630 kg

PESI ALLESTIMENTO

Massa cassone = 250 kg

Massa gru = 905 kg (805-905 4S EX)

Massa controtelaio = 120 kg

Stabilizzatori supplementari

Apertura minima = 2600 mm

Peso stabilizzatori supplementari = 120 kg

Coefficiente di stabilità = 1,96**CHASSIS DATA****Front axle**

Front axle tare weight = 1435 kg

Allowable front axle weight = 1900 kg

Rear axle

Rear axle tare weight = 630 kg

OUTFIT WEIGHTS

Body weight = 250 kg

Crane weight = 905 kg (805-905 4S EX)

Counterframe weight = 120 kg

Rear beam stabilizers

Min. width = 2600 mm

Rear stabilizer weight = 120 kg

Stability index = 1,96

804-904

Crane – Kran

805-905

Grue – Grúa - Gru

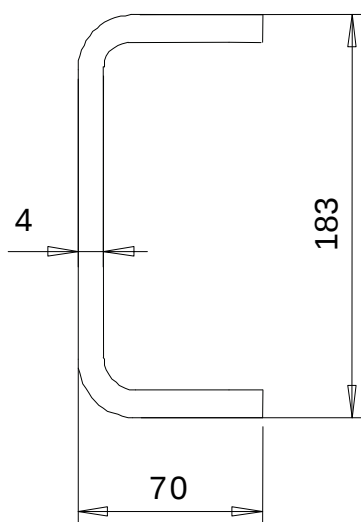
**CONTROTELAIO MINIMO****MIN COUNTERFRAME****804-904****Momento dinamico max (daNm)**

5322

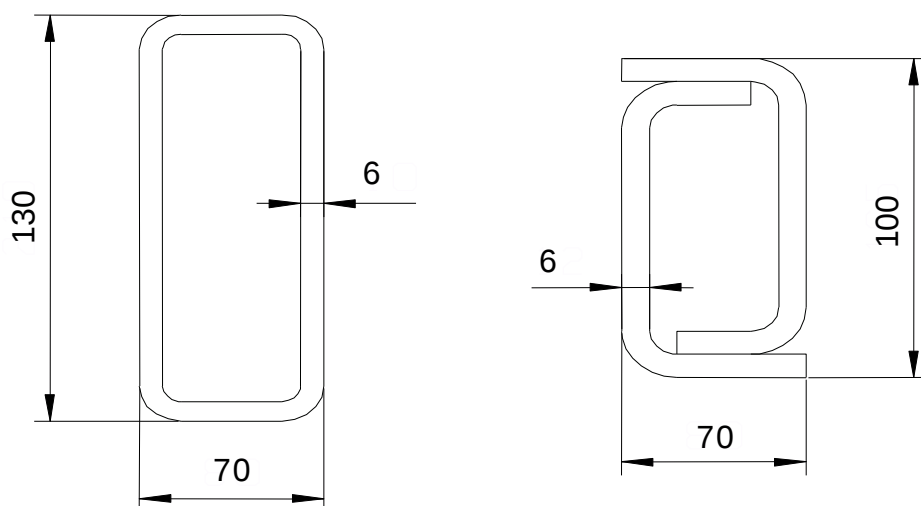
Max dynamic moment

Sezione telaio minima (autocarro PTT= 50 q)

Min frame section (truck GVW 5 ton)

**Sezione minima contro telaio (materiale Fe510 - S355)**

Min counterframe section (steel S355)



804-904**Crane – Kran****805-905****Grue – Grua - Gru****AMCO**  **VEBA**

CONTROTELAIO MINIMO MIN COUNTERFRAME 805-905

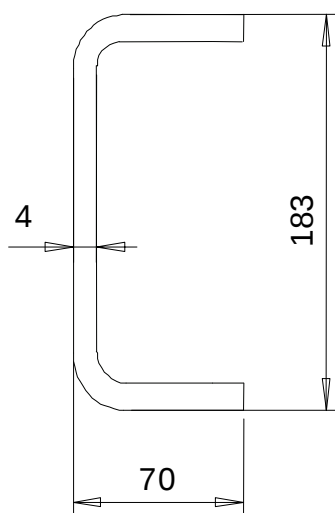
Momento dinamico max (daNm)

Max dynamic moment

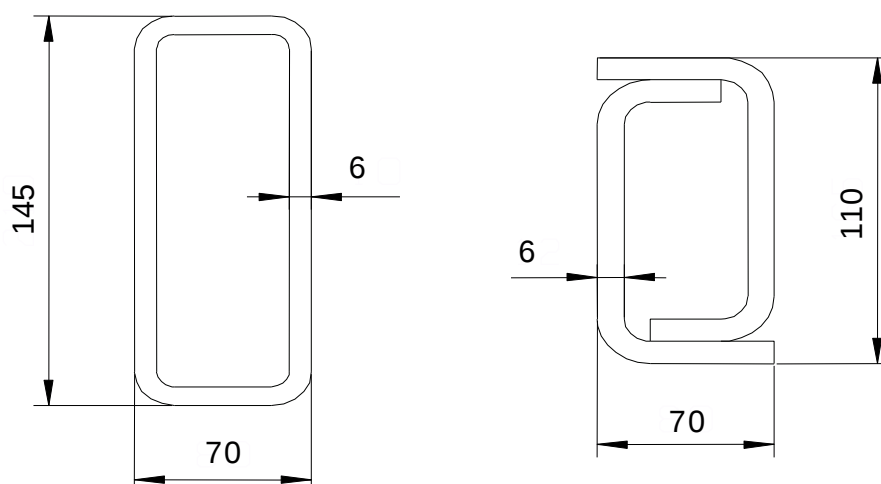
6060

Sezione telaio minima (autocarro PTT= 50 q)

Min frame section (truck GVW 5 ton)

**Sezione minima contro telaio (materiale Fe510 - S355)**

Min counterframe section (steel S355)



804-904

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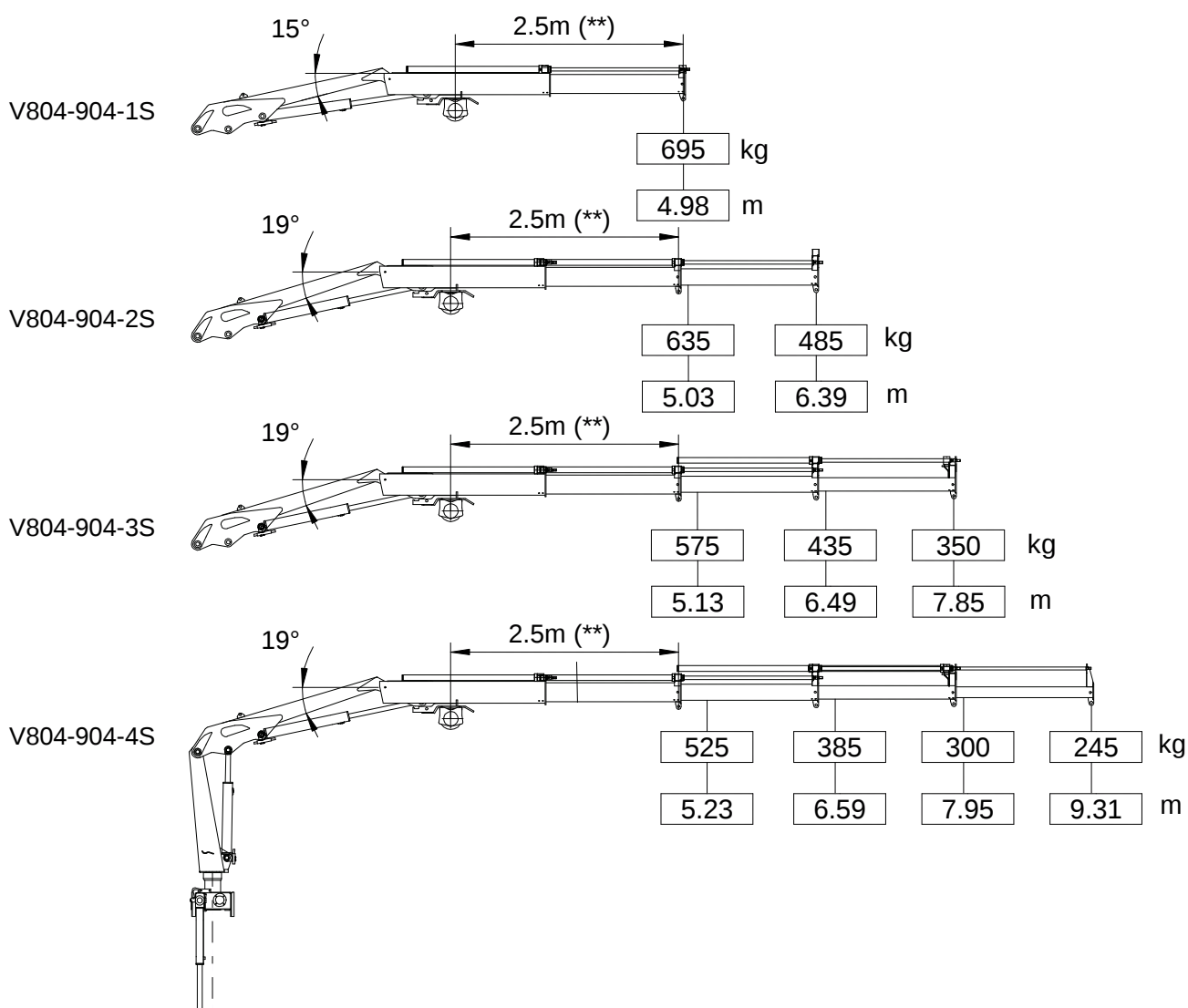
AMCO  **VEBA**

CARATTERISTICHE VERRICELLO IDRAULICO

HYDRAULIC WINCH DATA

804 - 904

Max tiro diretto Max winch direct pull	800 kg
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(**) = Distanza minima di utilizzo argano

(**) = Min distance for using the winch

(**) = Min Abstand für Benutzung der Winde

804-904

Crane – Kran

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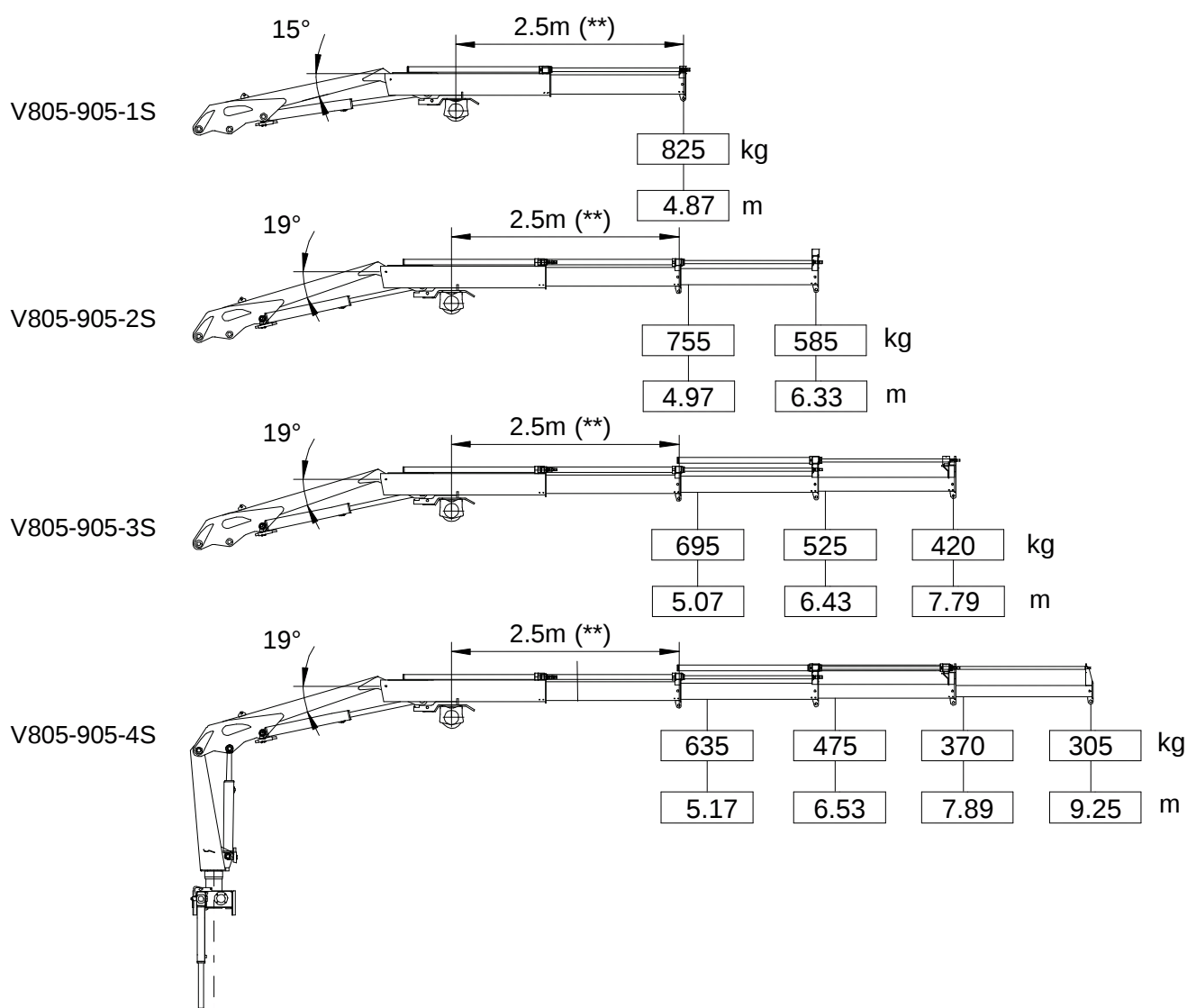
AMCO  **VEBA**

CARATTERISTICHE VERRICELLO IDRAULICO

HYDRAULIC WINCH DATA

805 - 905

Max tiro diretto Max winch direct pull	800 kg
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(**) = Distanza minima di utilizzo argano

(**) = Min distance for using the winch

(**) = Min Abstand für Benutzung der Winde

804-904

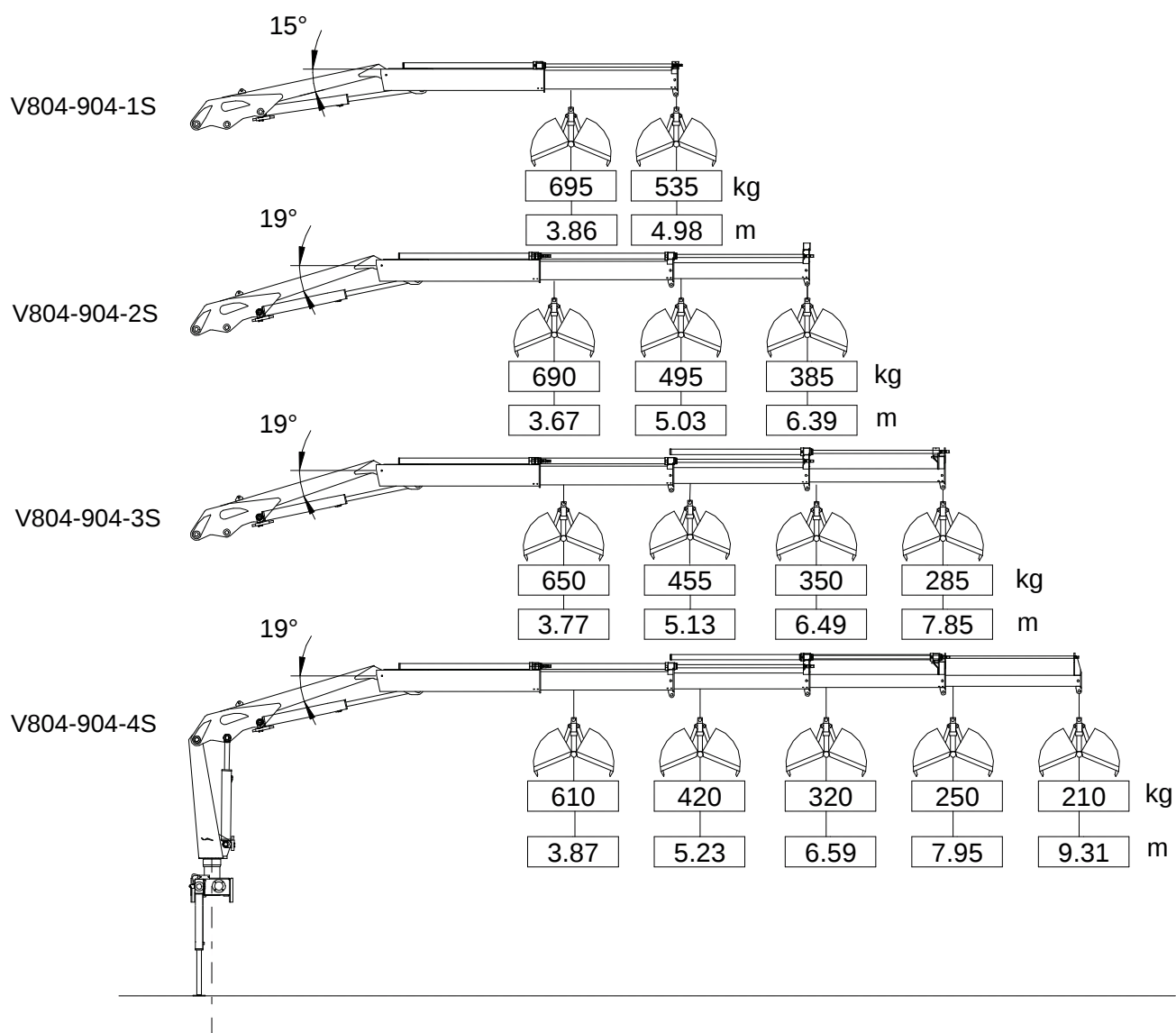
Crane – Kran

805-905

Grue – Grua - Gru

AMCO  **VEBA****CARATTERISTICHE ACCESSORI BENNA-POLIPO****GRAB - BUCKET DATA****804 - 904**

Peso massimo ammissibile Max allowable weight	150 kg
Pressione max. di esercizio Max working pressure	200 bar



804-904

Crane – Kran

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AMCO  **VEBA****CARATTERISTICHE ACCESSORI BENNA-POLIPO****GRAB - BUCKET DATA****805 - 905**

Peso massimo ammissibile Max allowable weight	150 kg
Pressione max. di esercizio Max working pressure	200 bar

