

825-828

RACCOLTA TECNICA TECHNICAL BOOK



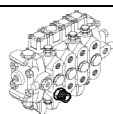
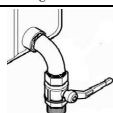
CARATTERISTICHE GENERALI TECHNICAL DATA

	1S - 6S	3SJ3	4SJ3
Momento dinamico max (daNm) Max dynamic moment	31455	28650	30245

	Versione	825	828
Portata max (kg) Max load	1S	9400	9600
	2S	9300	9500
	3S	9100	9350
	4S	8900	9150
	5S	8800	9000
	6S	8780	8950

	Versione	825		828	
		ST	EX (NO CE)	ST	EX (NO CE)
Massa in ordine di lavoro (kg) Crane weight	1S	3020	3065	3070	3095
	2S	3200	3245	3250	3295
	3S	3340	3385	3390	3435
	4S	3500	3545	3550	3595
	5S	3640	3685	3690	3735
	6S	3735	3780	3785	3830
	3SJ3	3890	3935	3940	3985
	4SJ3	4040	4085	4090	4135

Reazione massima sullo stabilizzatore Max force on the stabilizer leg	11740 daN
Carico massimo trasmesso al suolo dagli stabilizzatori Max stabilizer pressure on the ground	37 daN/cm ²
Pressione massima di esercizio Max working pressure	290 bar 825 305 bar 828
Portata massima di olio Max oil flow to main relief valve	50 dm ³ /min
Capacità serbatoio olio Oil tank capacity	160 dm ³
Coppia di rotazione Slewing moment	3185 daNm
Angolo di rotazione Slewing angle	397°
Potenza assorbita Absorbed power	32 Kw 42 HP
Normativa di calcolo Design standard	DIN 15018

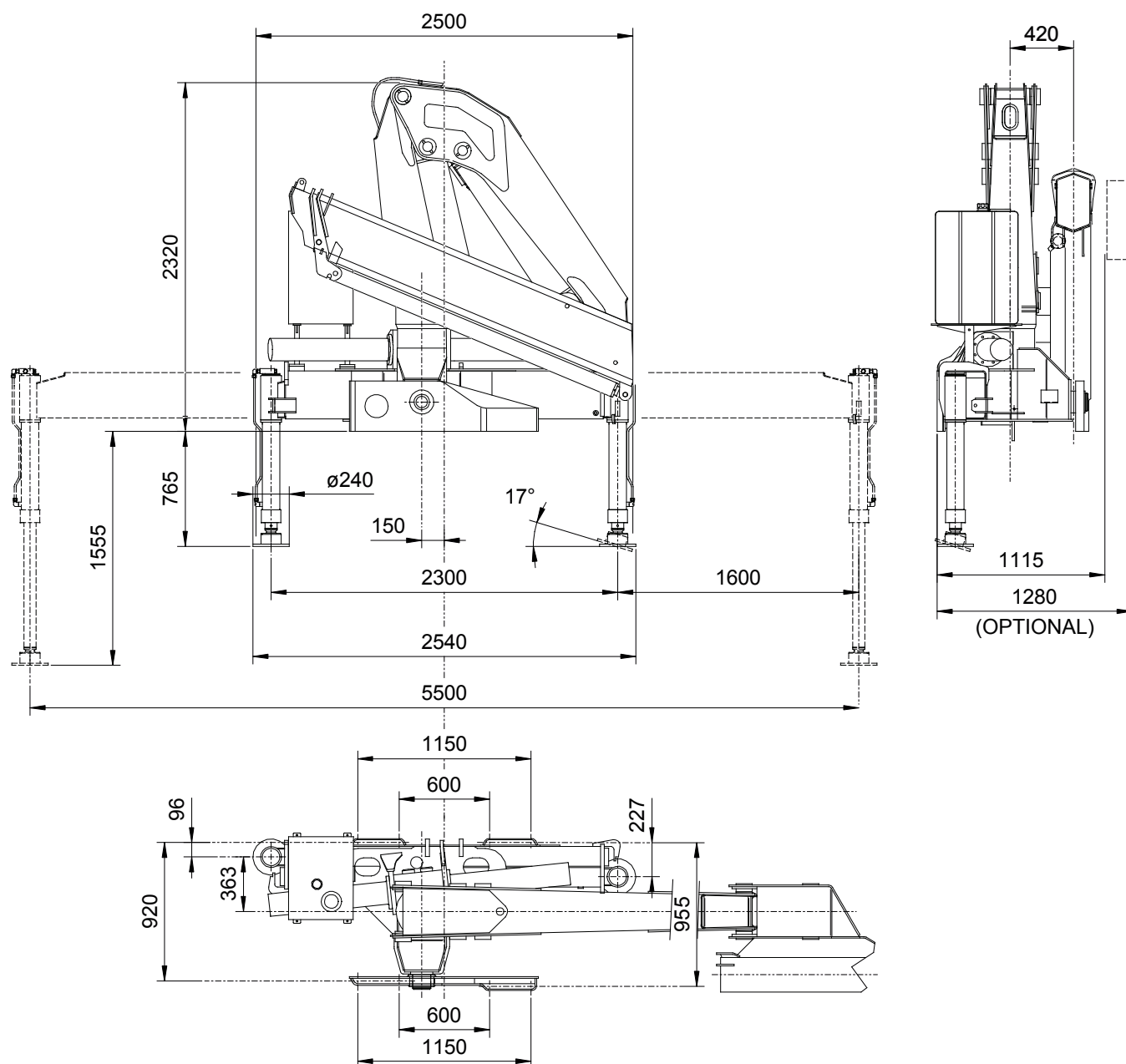
Raccordi di collegamento con pompa Fittings for connection with pump		NO RDC	RDC
Linea di pressione distributore Control valve pressure line		M 7/8" - 14 JIC	M 7/8" - 14 JIC
Linea di aspirazione serbatoio Tank suction line		M1" 1/2 BSP	M 1" 1/2 BSP

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Crane - Kran
Grue - Grua - Gru

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DIMENSIONI DI INGOMBRO DIMENSIONS 825 - 828 1S

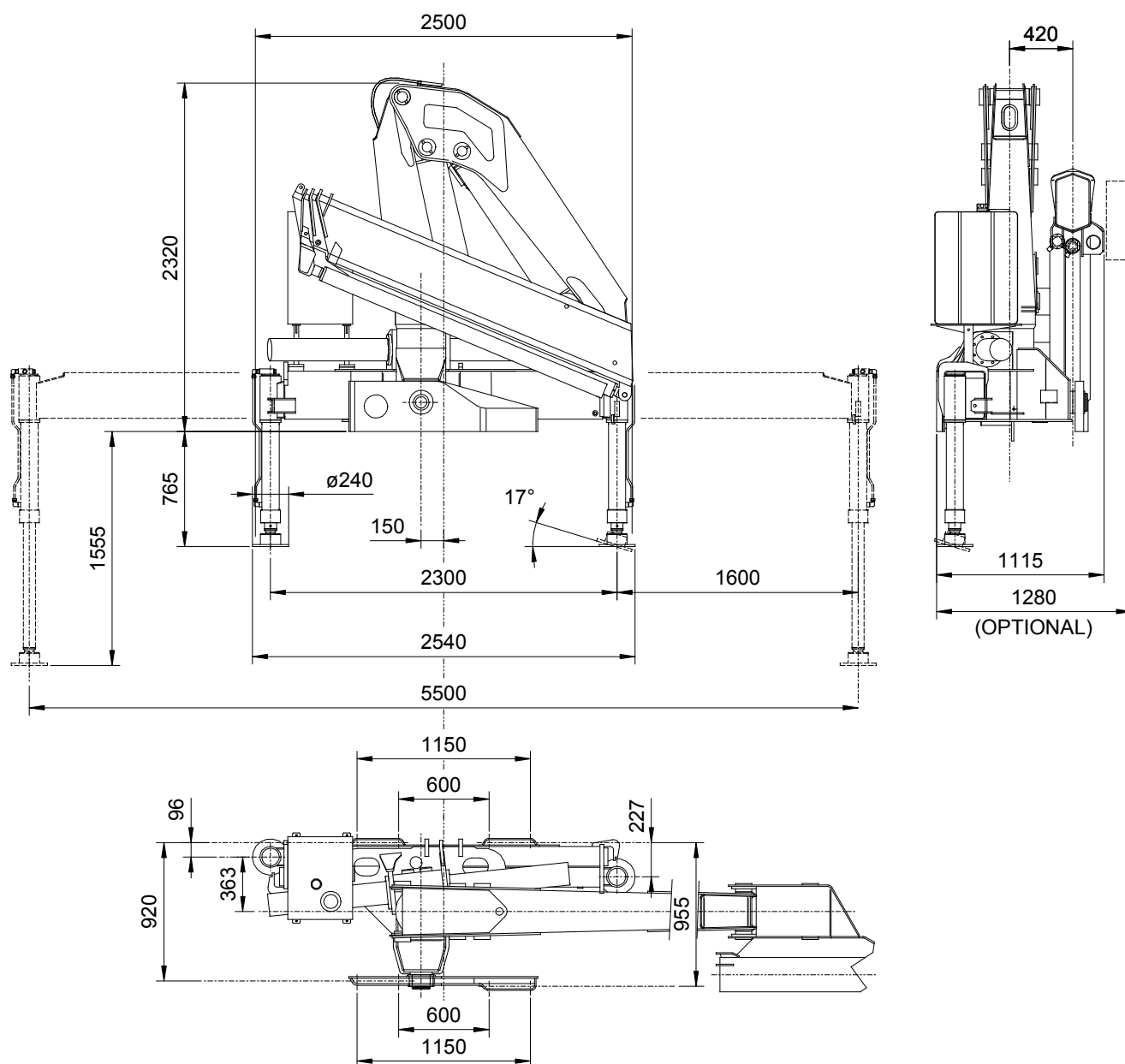


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Grue – Grua - Gru

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DIMENSIONI DI INGOMBRO DIMENSIONS 825 - 828 2S

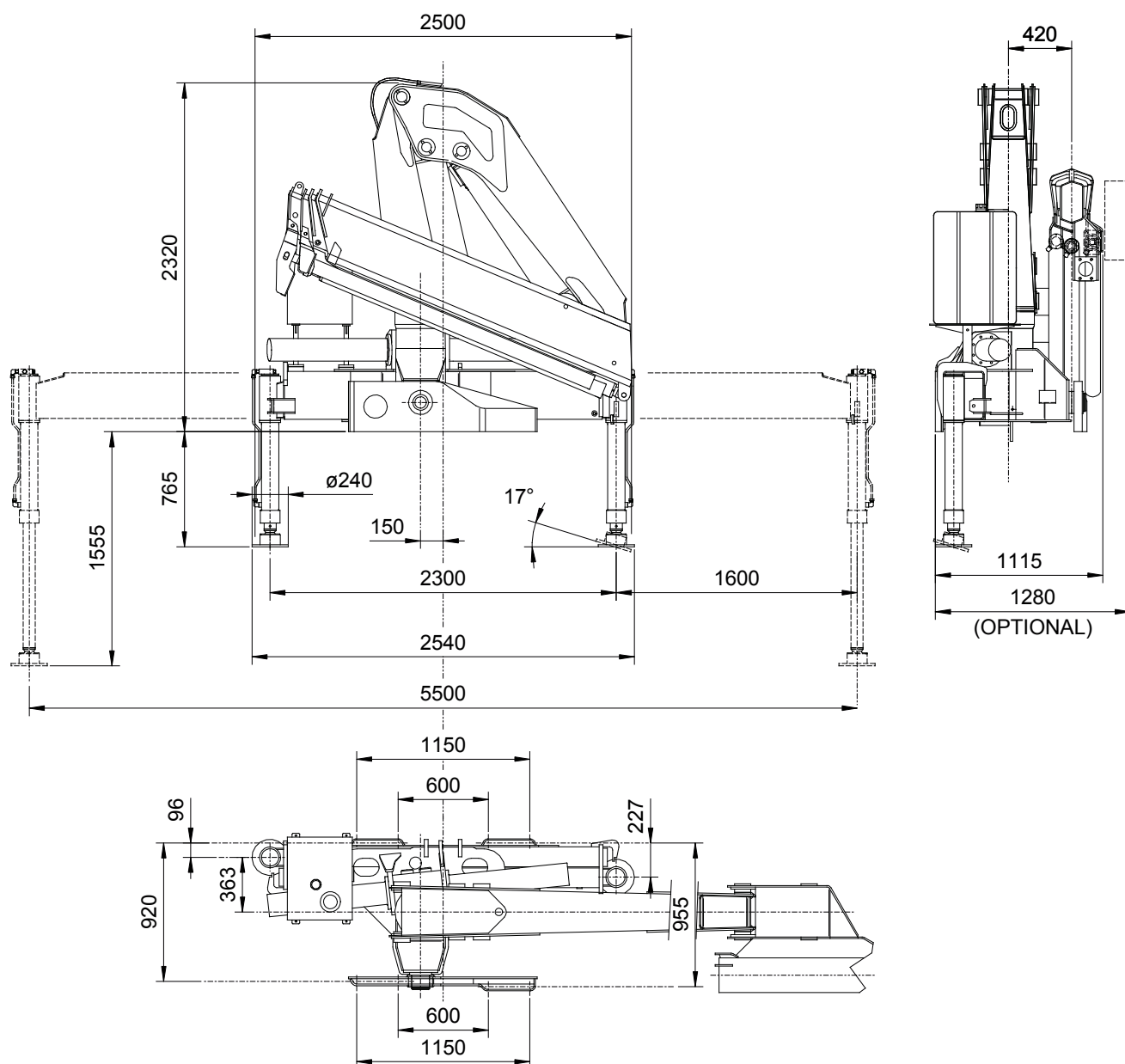


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Crane – Kran
Grue – Grua - Gru

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DIMENSIONI DI INGOMBRO DIMENSIONS 825 - 828 3S

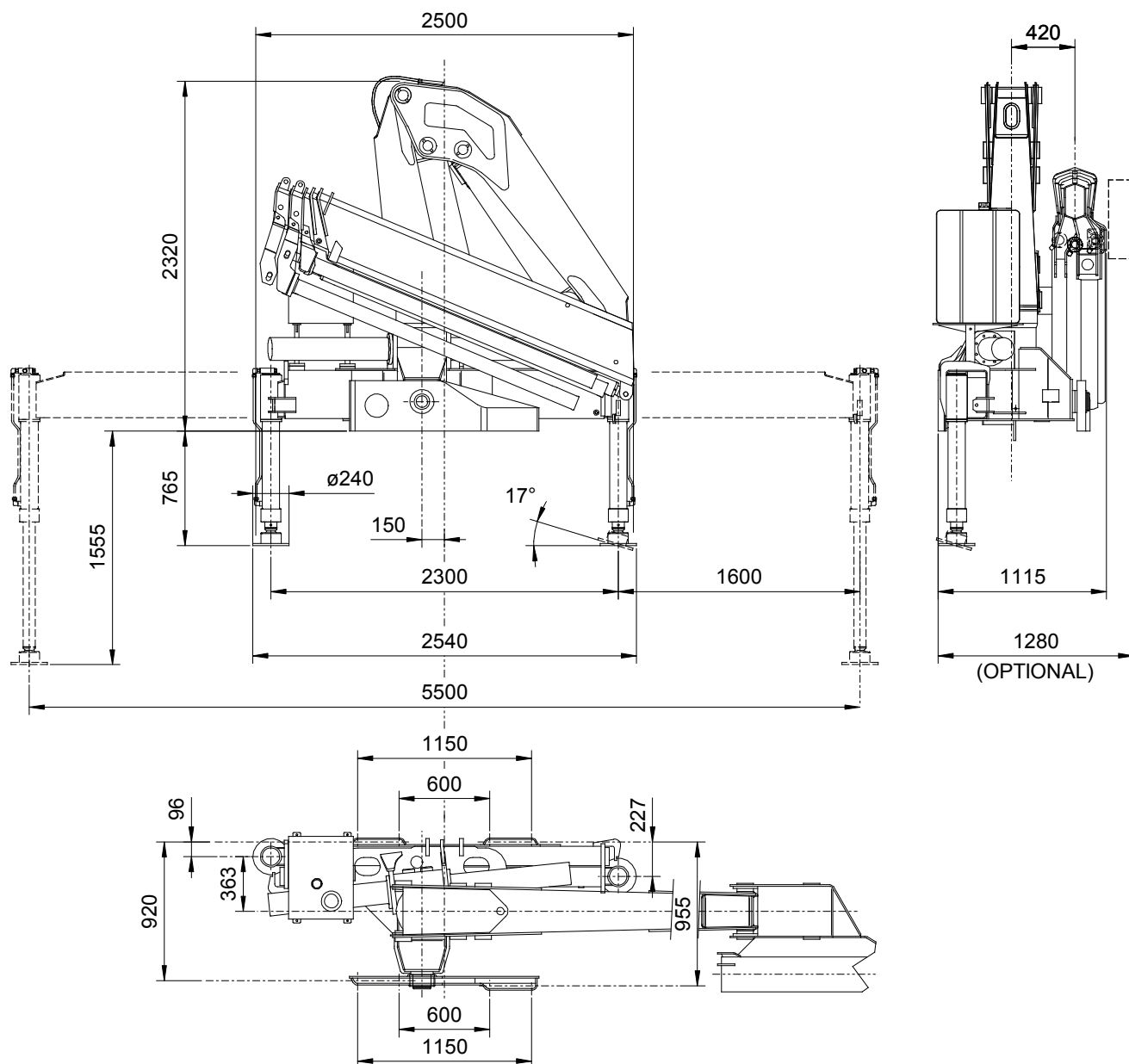


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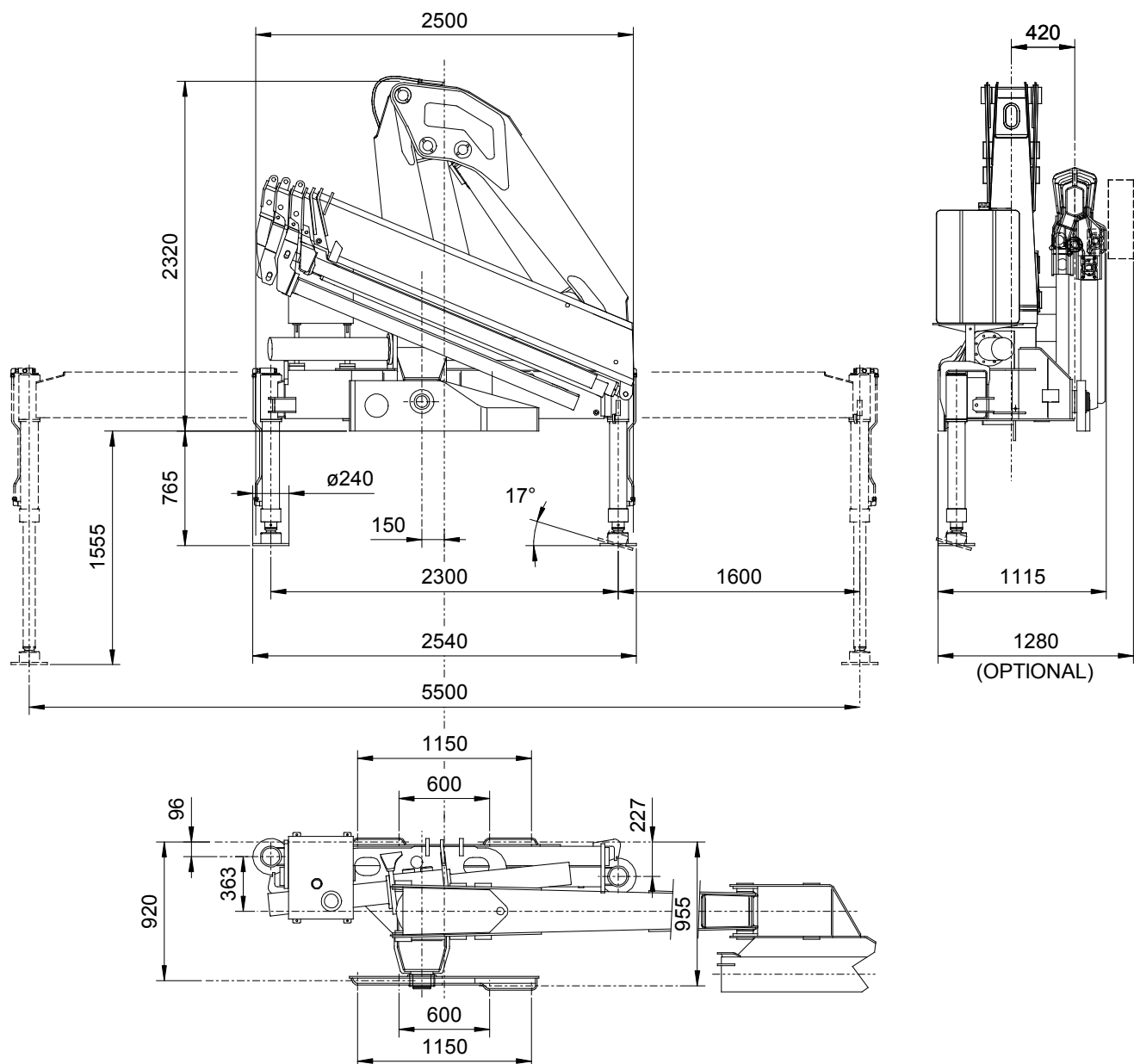
Crane – Kran
Grue – Grua - Gru

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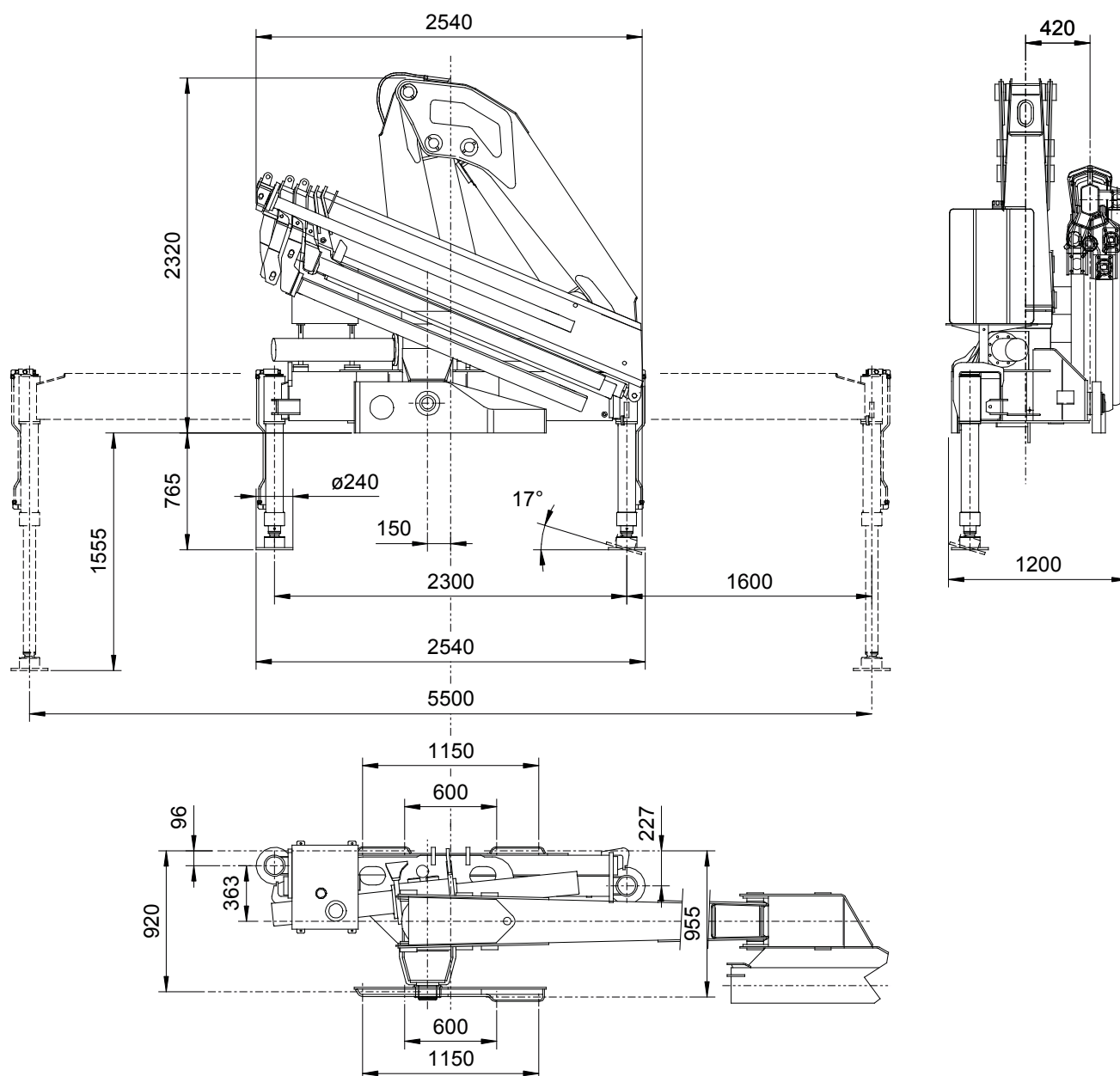
DIMENSIONI DI INGOMBRO DIMENSIONS 825 - 828 4S



DIMENSIONI DI INGOMBRO
DIMENSIONS
825 - 828 5S



DIMENSIONI DI INGOMBRO
DIMENSIONS
825 - 828 6S

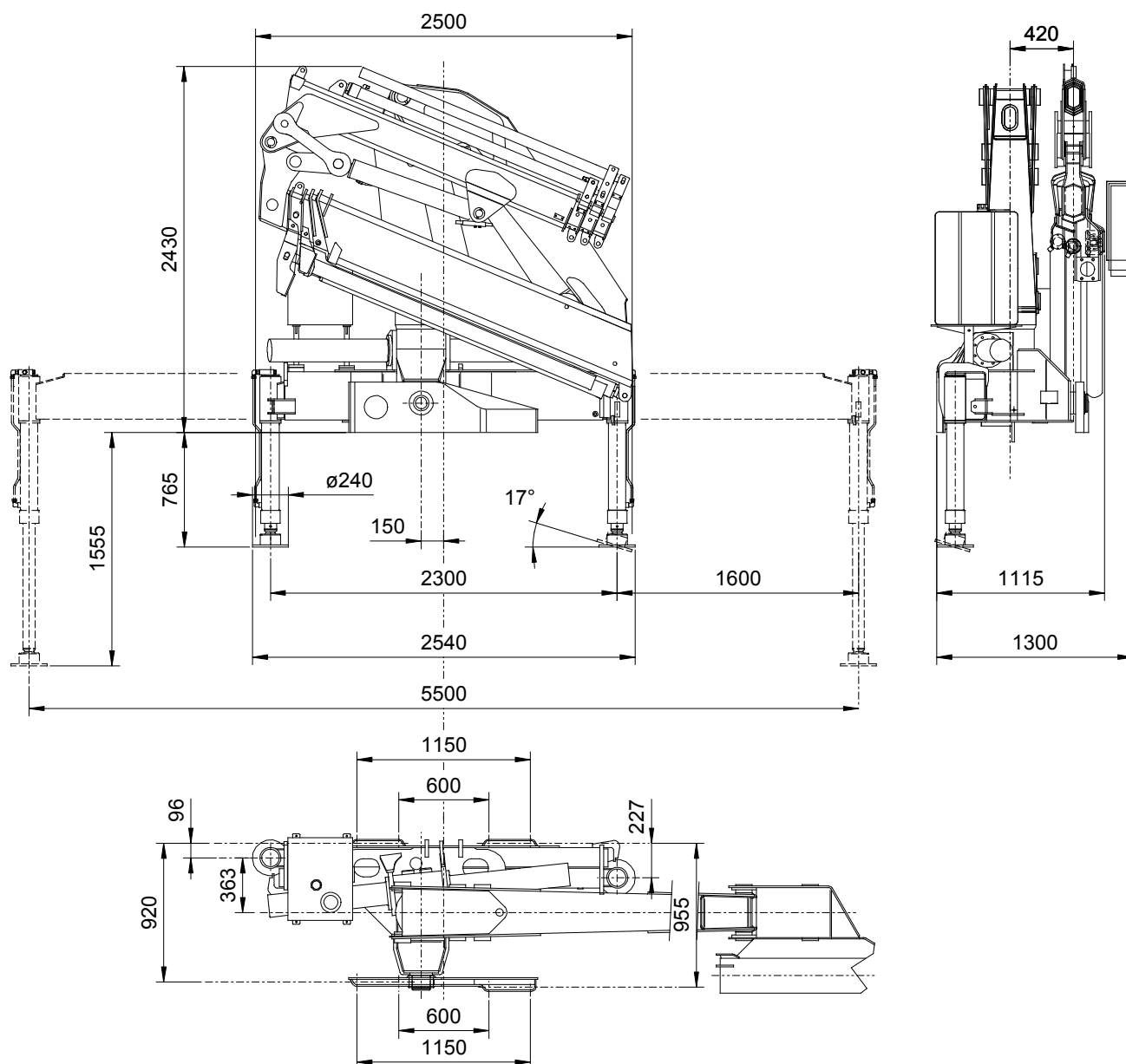


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DIMENSIONI DI INGOMBRO DIMENSIONS 825 - 828 3SJ3



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Grue – Grua - Gru

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DIMENSIONI DI INGOMBRO DIMENSIONS 825 - 828 4SJ3

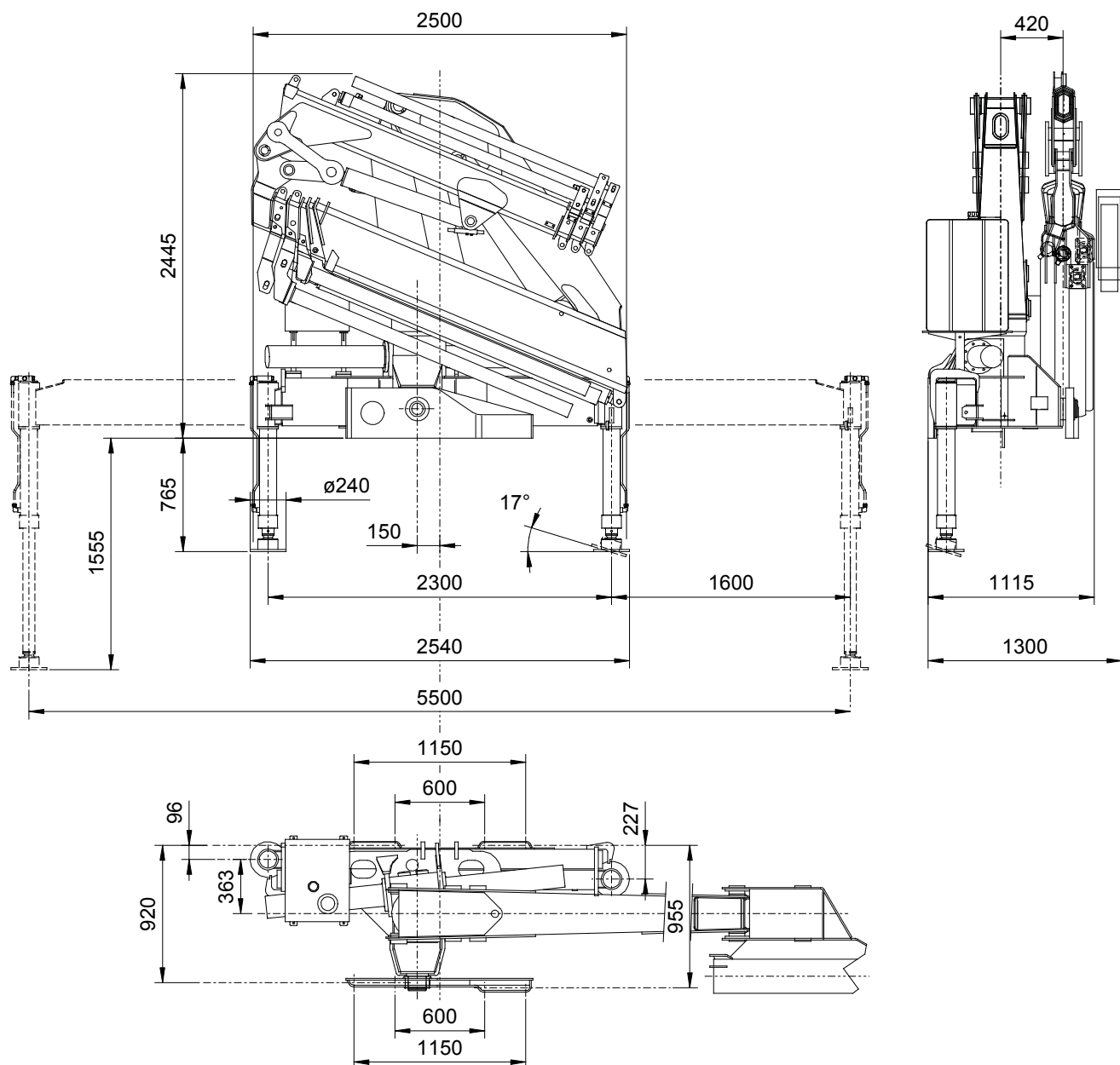
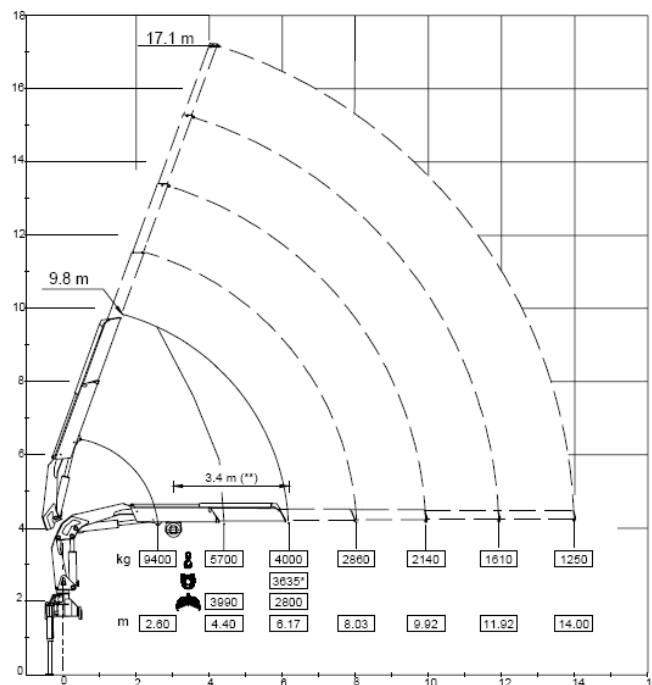
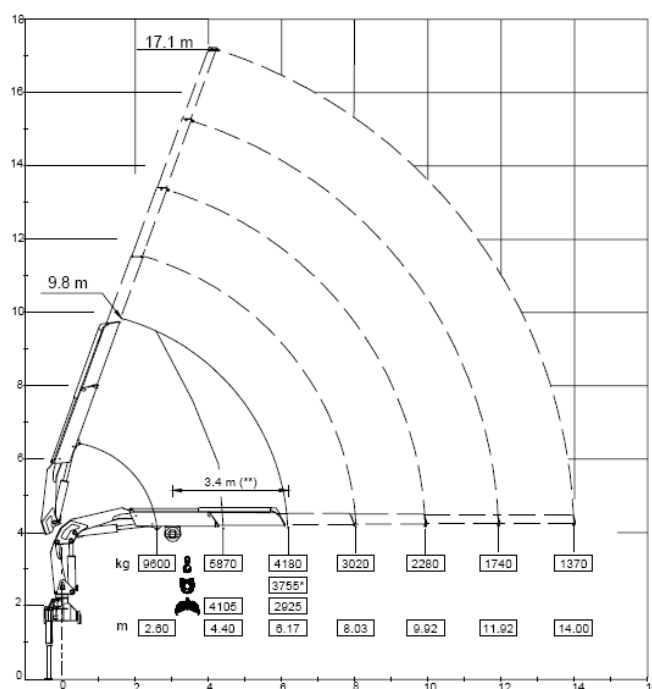


DIAGRAMMA PORTATE LOAD DIAGRAM 825 1S



(*) = Puleggia argano con tiro doppio (**) = Distanza minima di utilizzo argano
(*) = Winch pulley with double line pull (**) = Min distance for using the winch
(*) = Seilblock mit doppeltem Zug (**) = Min Abstand für Benutzung der Winde

828 1S



(*) = Puleggia argano con tiro doppio (**) = Distanza minima di utilizzo argano
(*) = Winch pulley with double line pull (**) = Min distance for using the winch
(*) = Seilblock mit doppeltem Zug (**) = Min Abstand für Benutzung der Winde

DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 2S

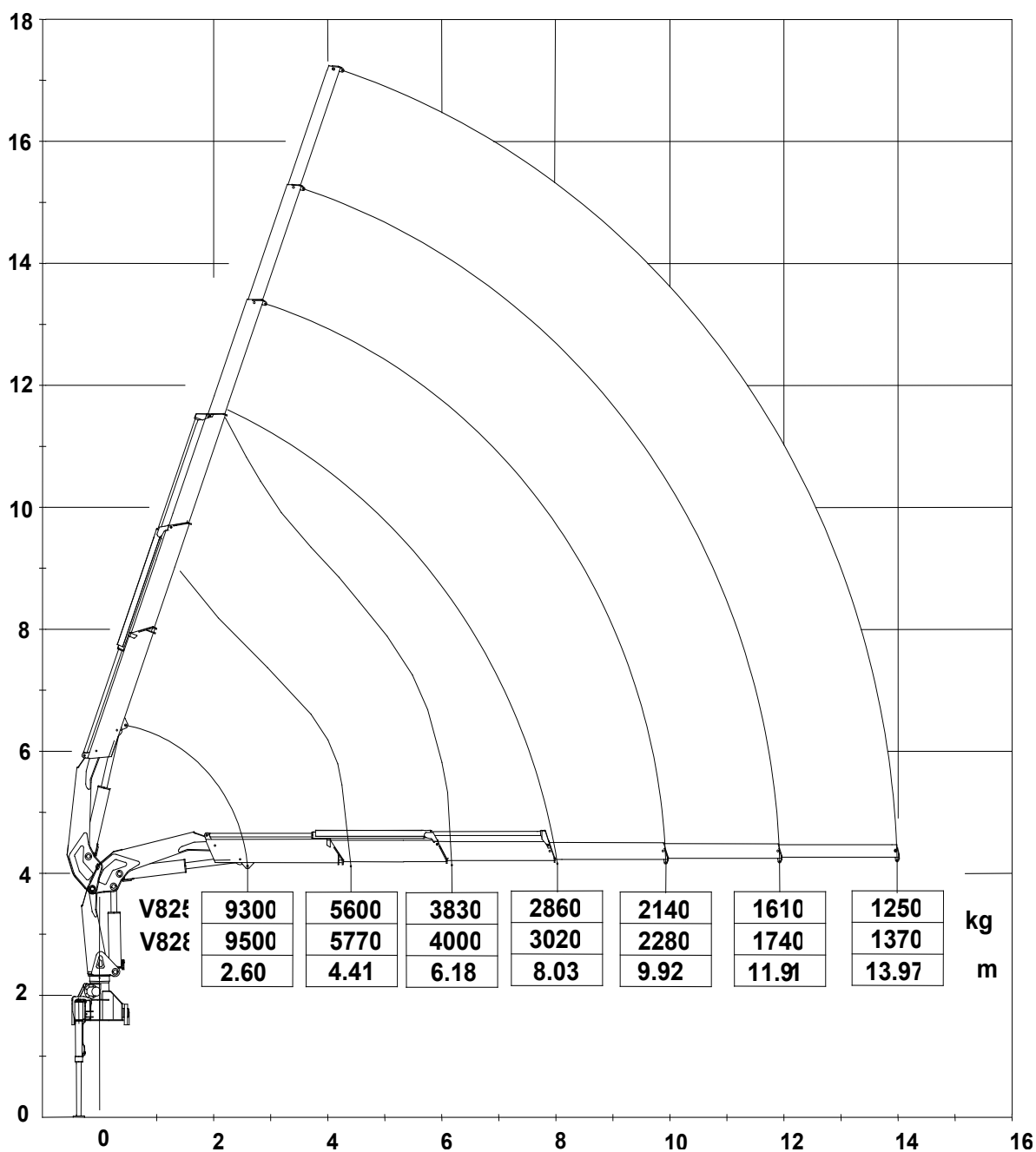


DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 3S

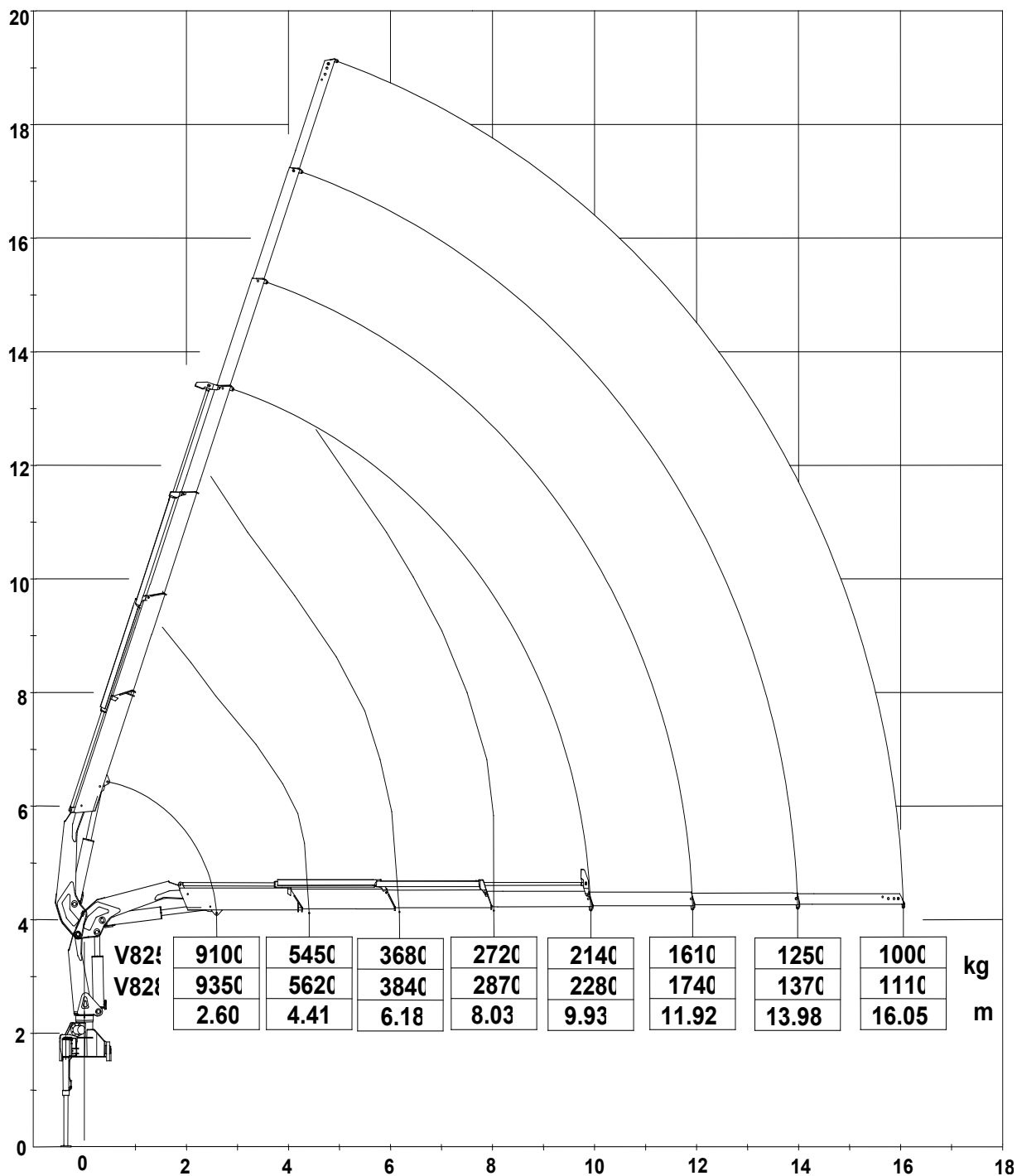
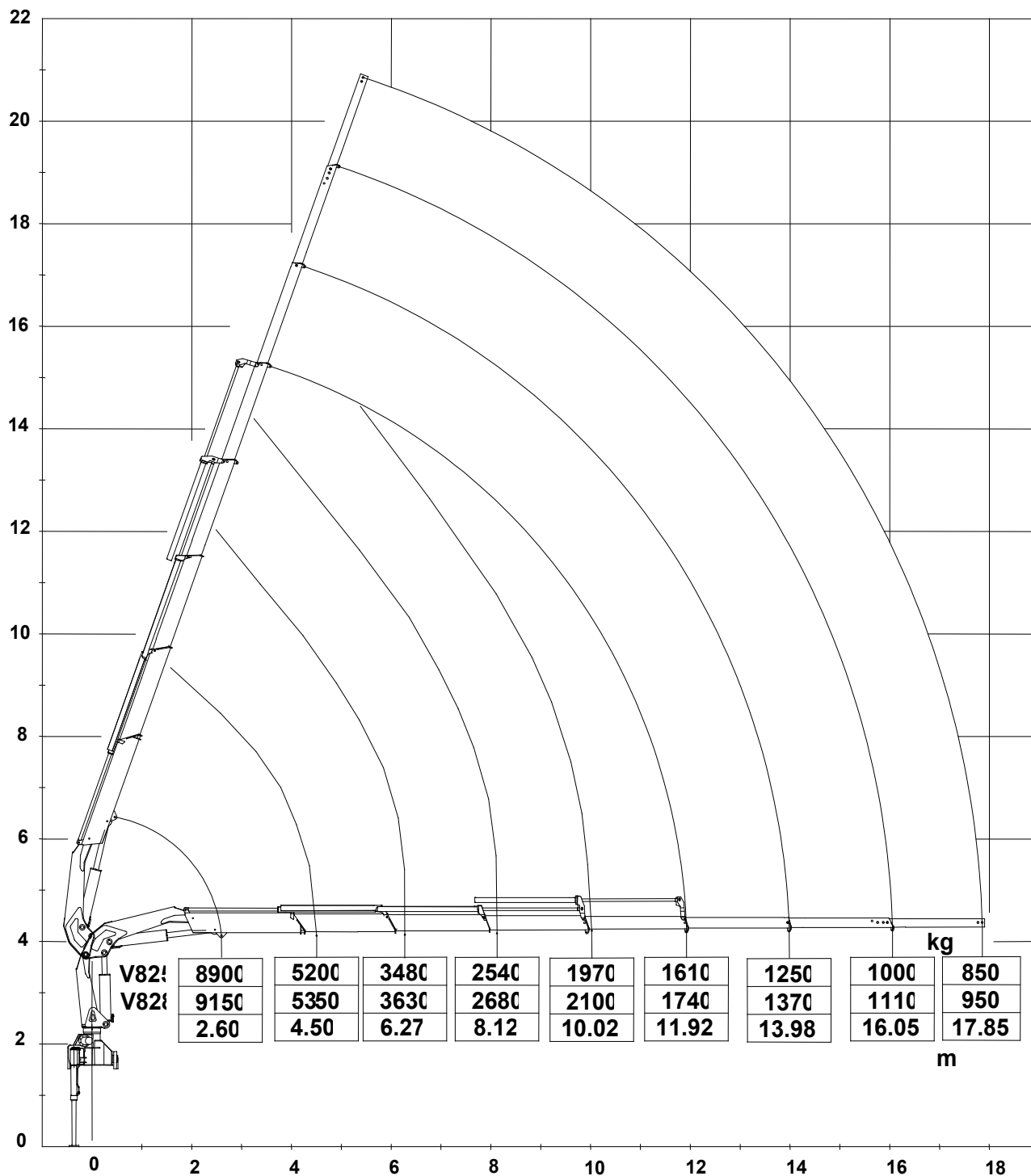


DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 4S

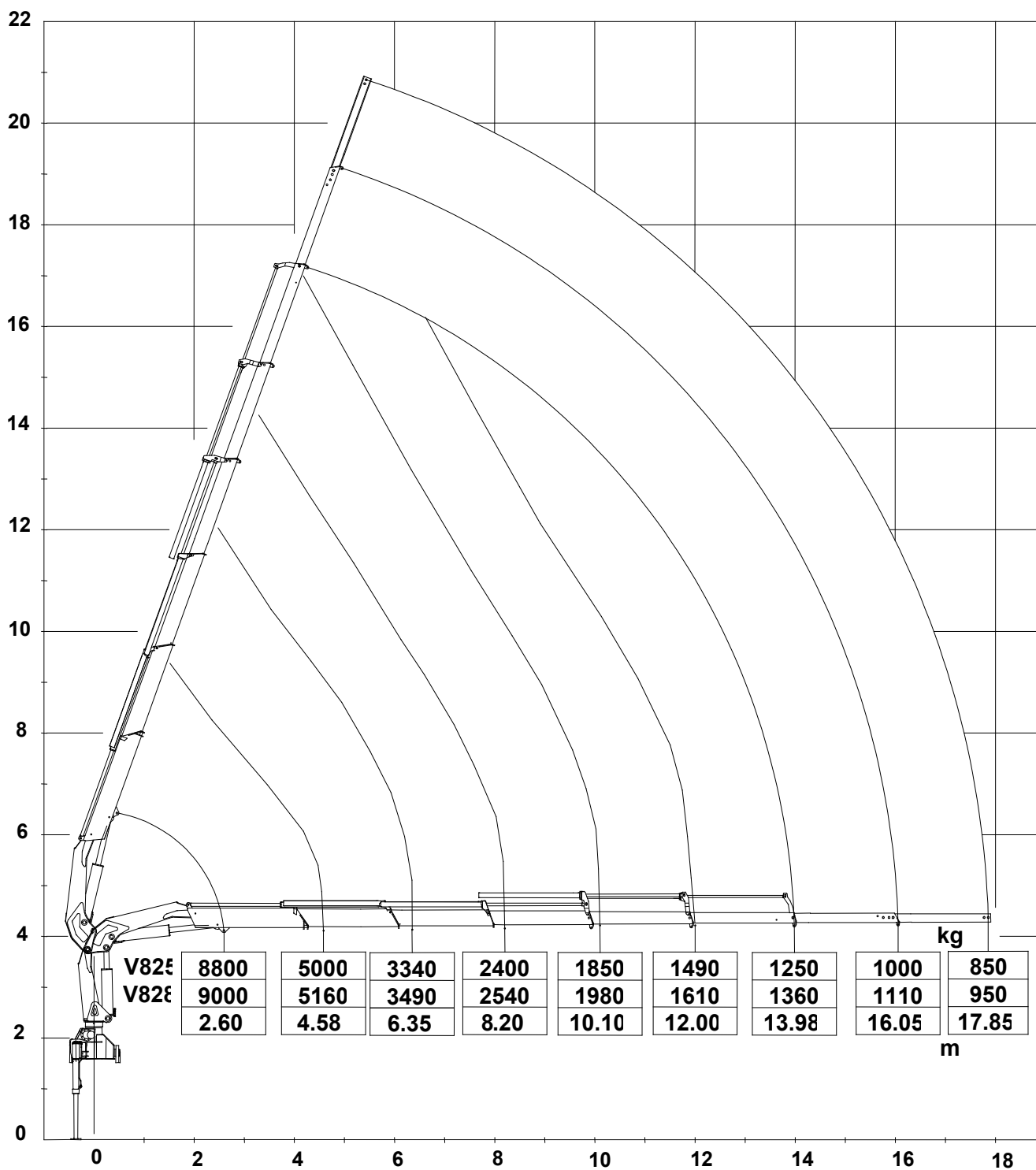


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DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 5S



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Crane – Kran
Grue – Grua - Gru

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DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 6S

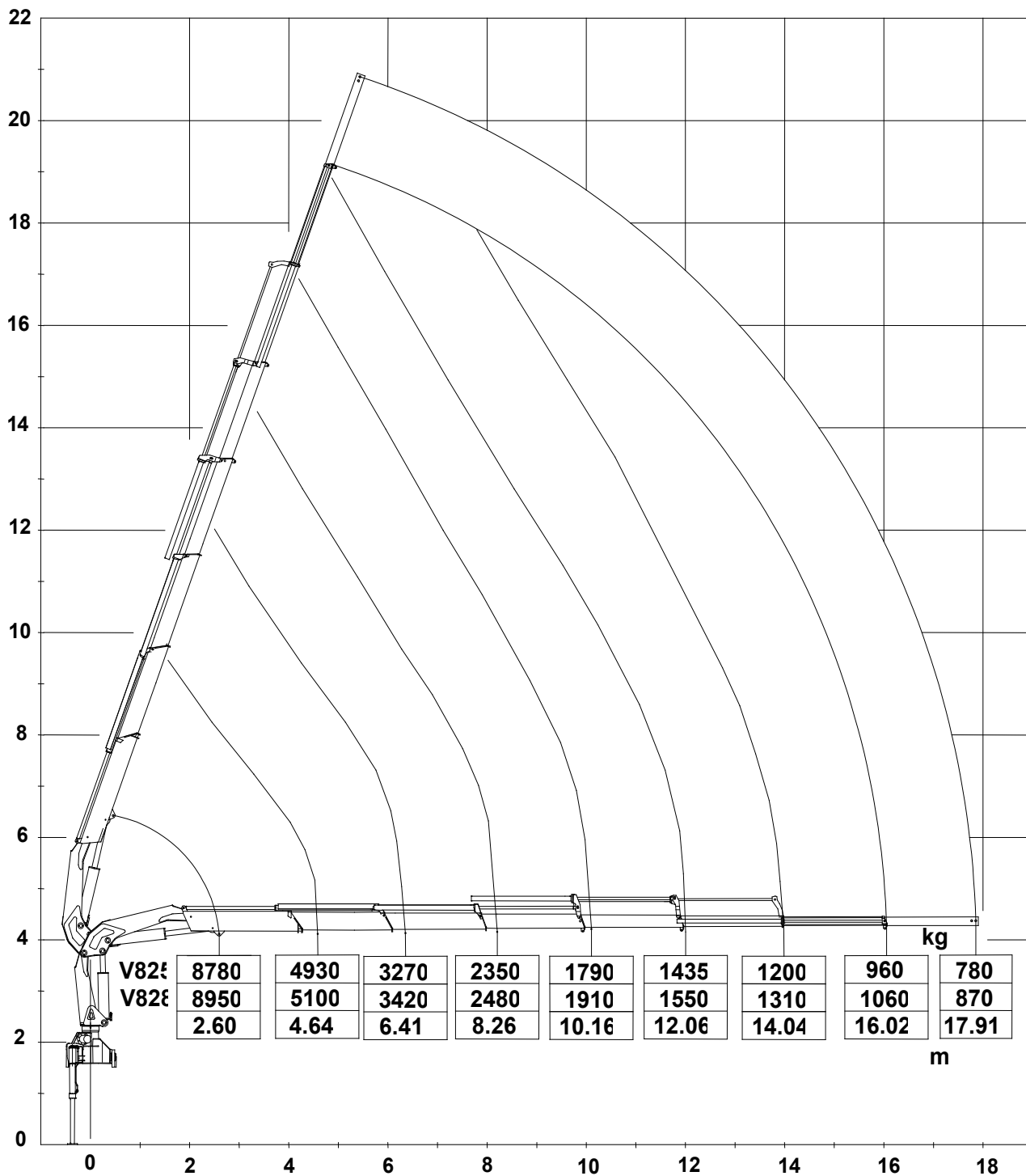


DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 3SJ3

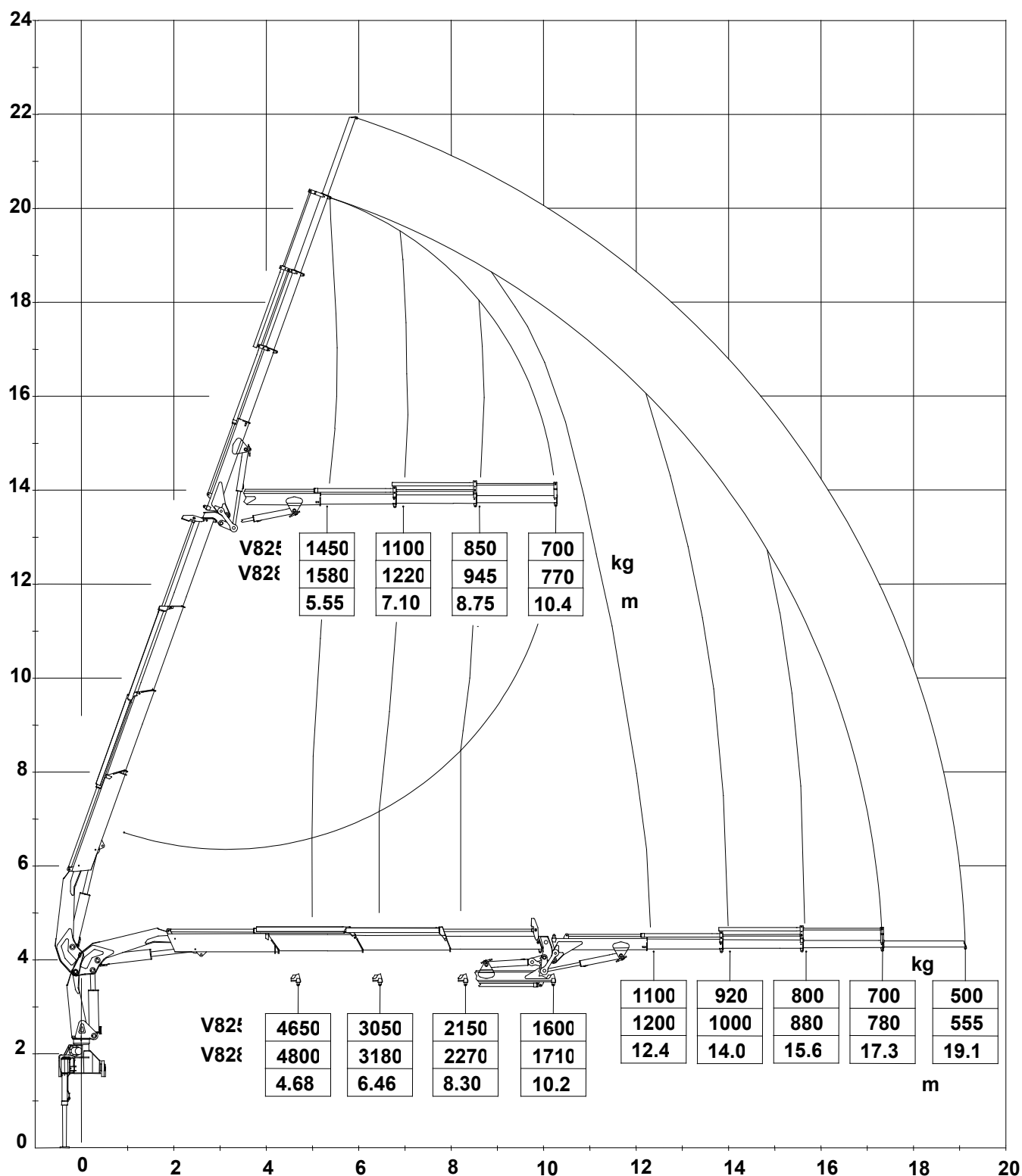
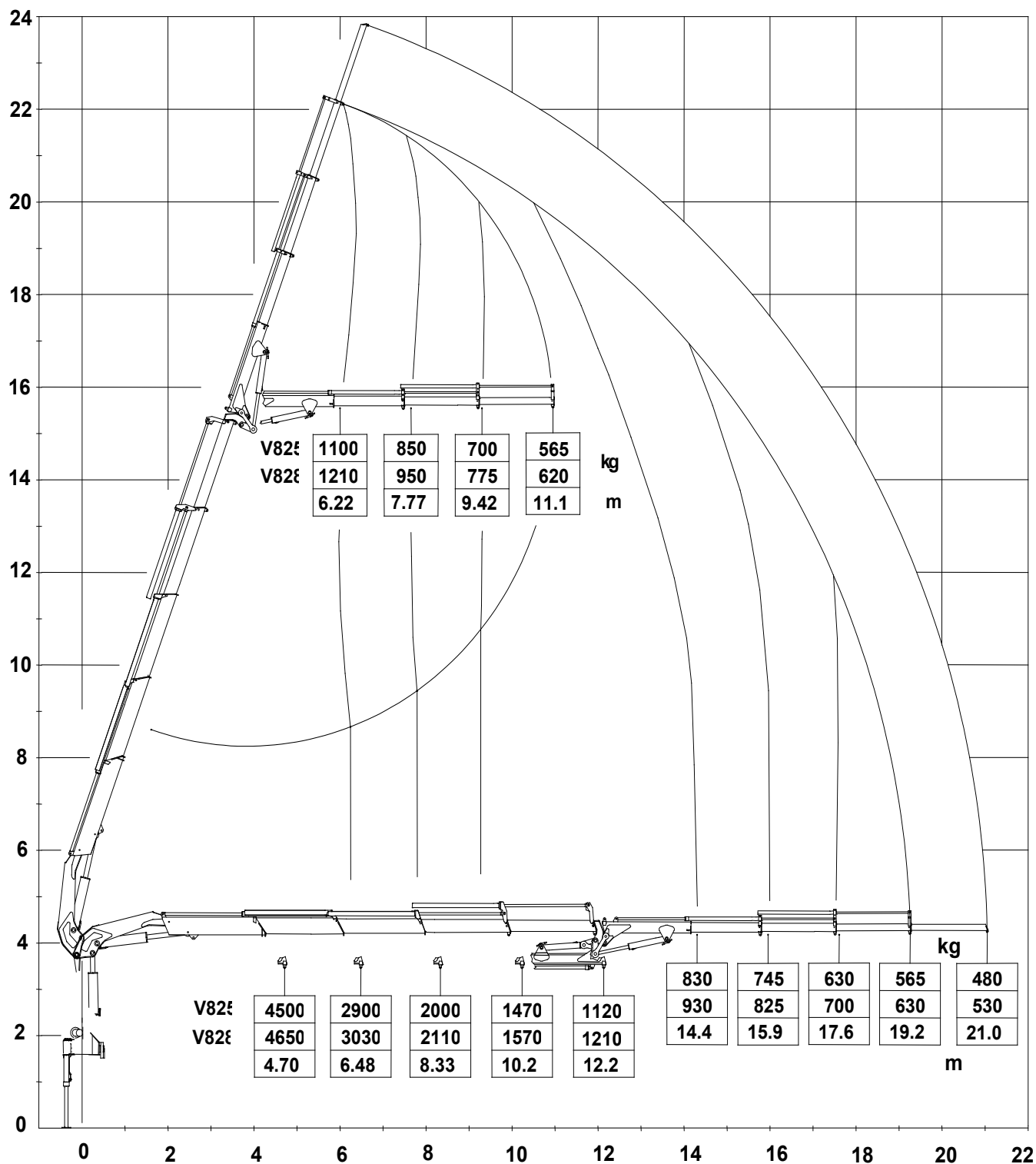
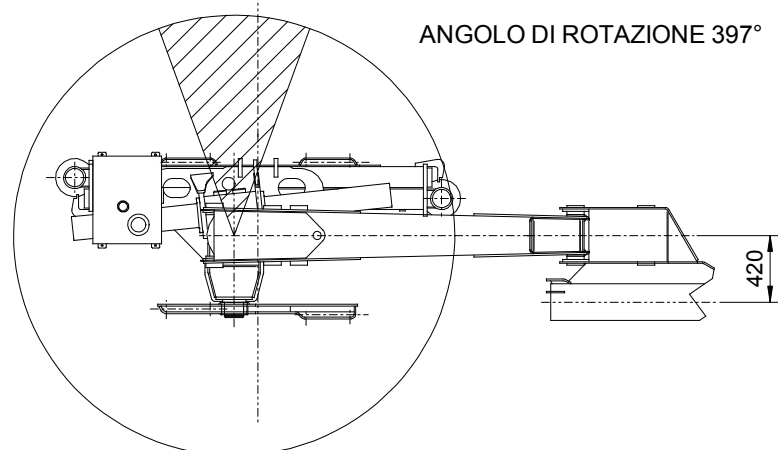
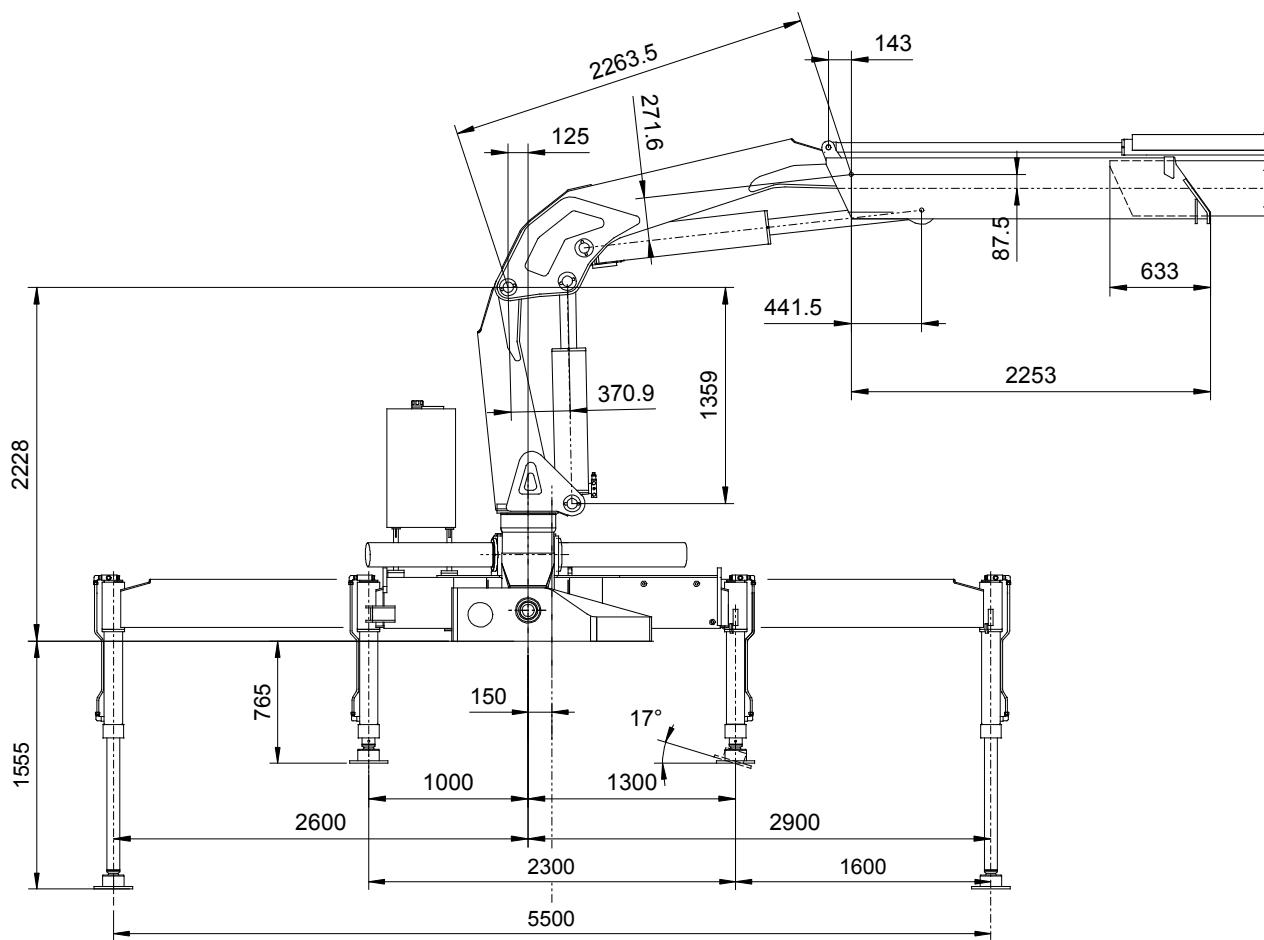


DIAGRAMMA PORTATE LOAD DIAGRAM 825 - 828 4SJ3



DIMENSIONALE BASAMENTO – COLONNA – 1° BRACCIO – 2° BRACCIO BASE – COLUMN – 1st 2nd BOOM - DIMENSION

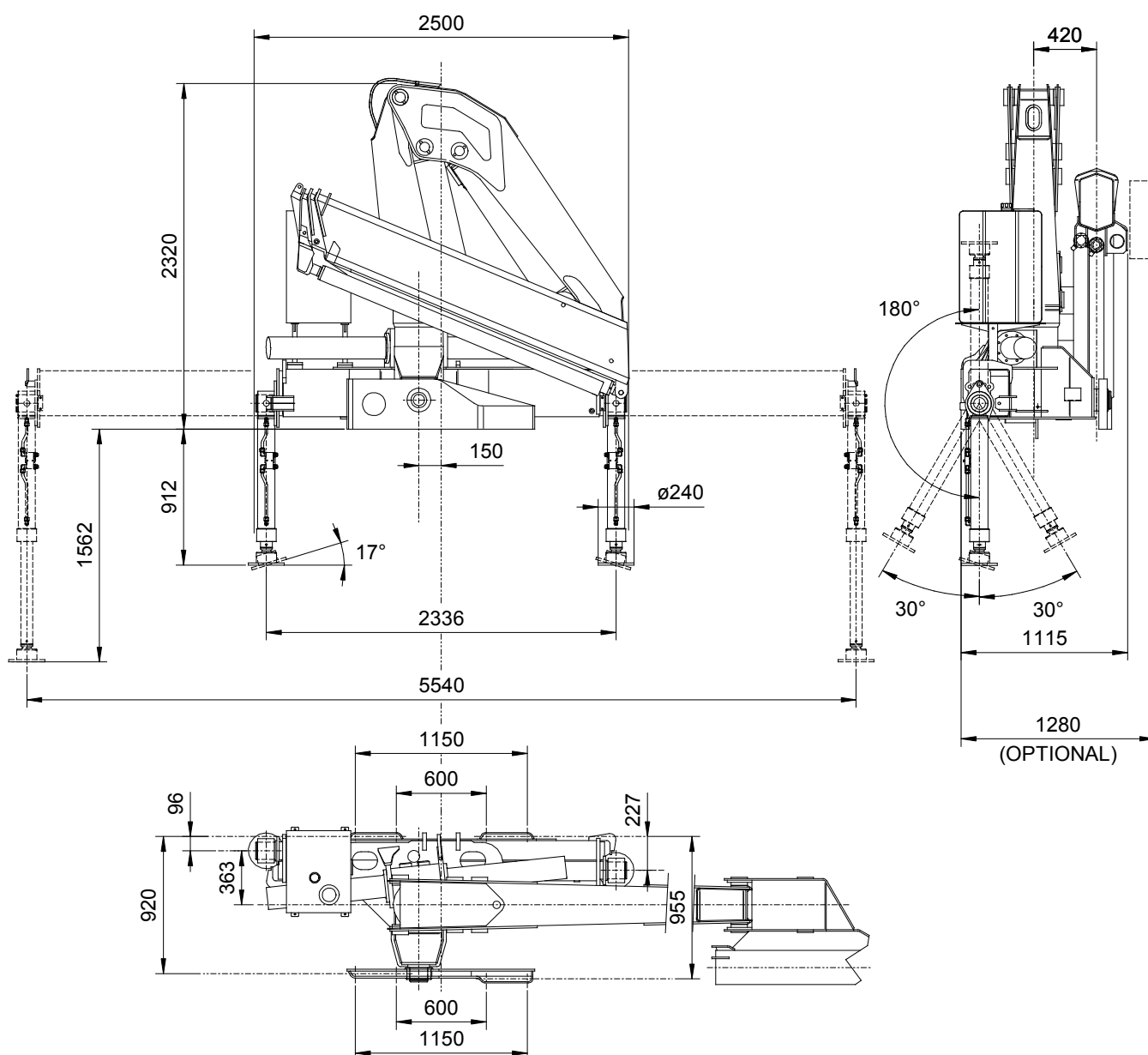


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DIMENSIONI BASAMENTO CON STABILIZZATORI ROTANTI MANUALI DIMENSIONS OF THE BASE WITH MANUAL TILTING STABILIZERS ST

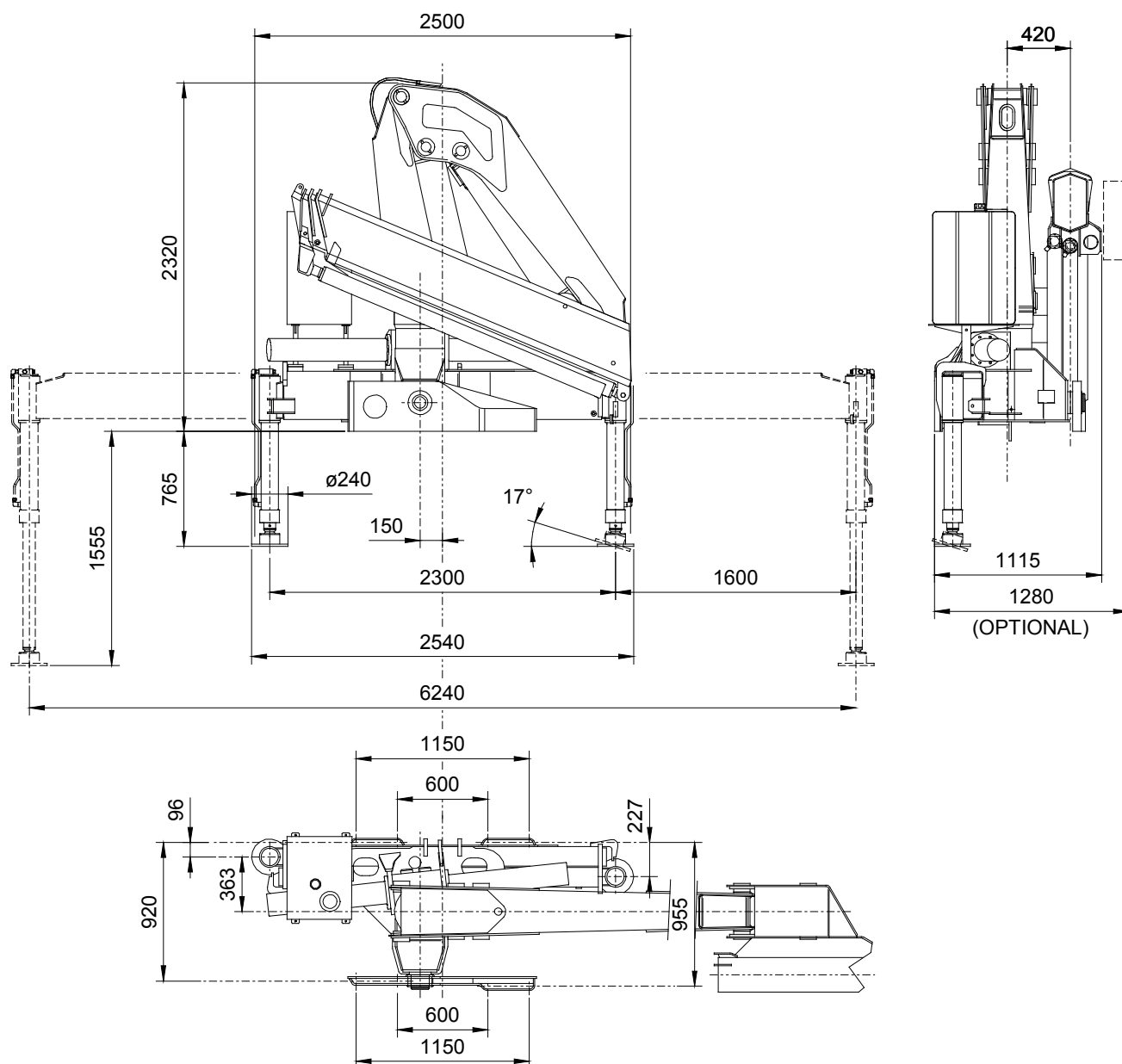


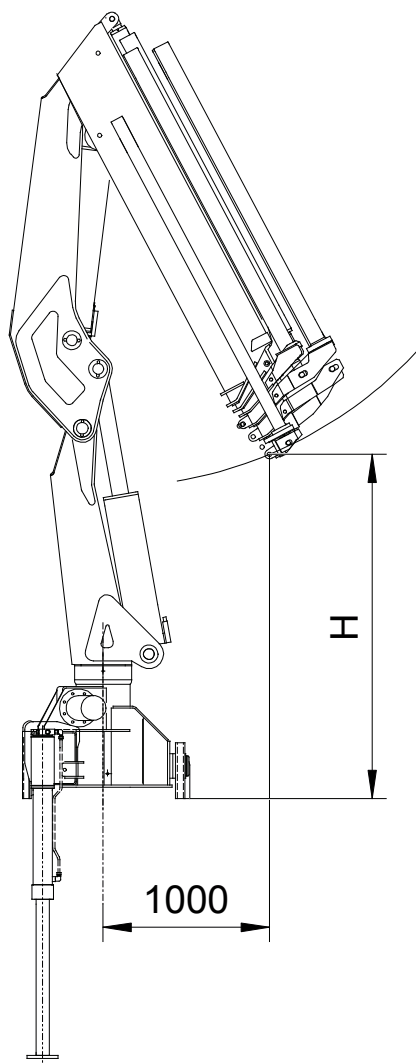
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Crane – Kran
Grue – Grua - Gru

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DIMENSIONI BASAMENTO CON STABILIZZATORI IDRAULICI SCORREVOLI DIMENSIONS OF THE BASE WITH HYDRAULIC FIXED STABILIZERS EX (NO CE)



ALTEZZA ATTACCO GANCIO
HOOK HEIGHT

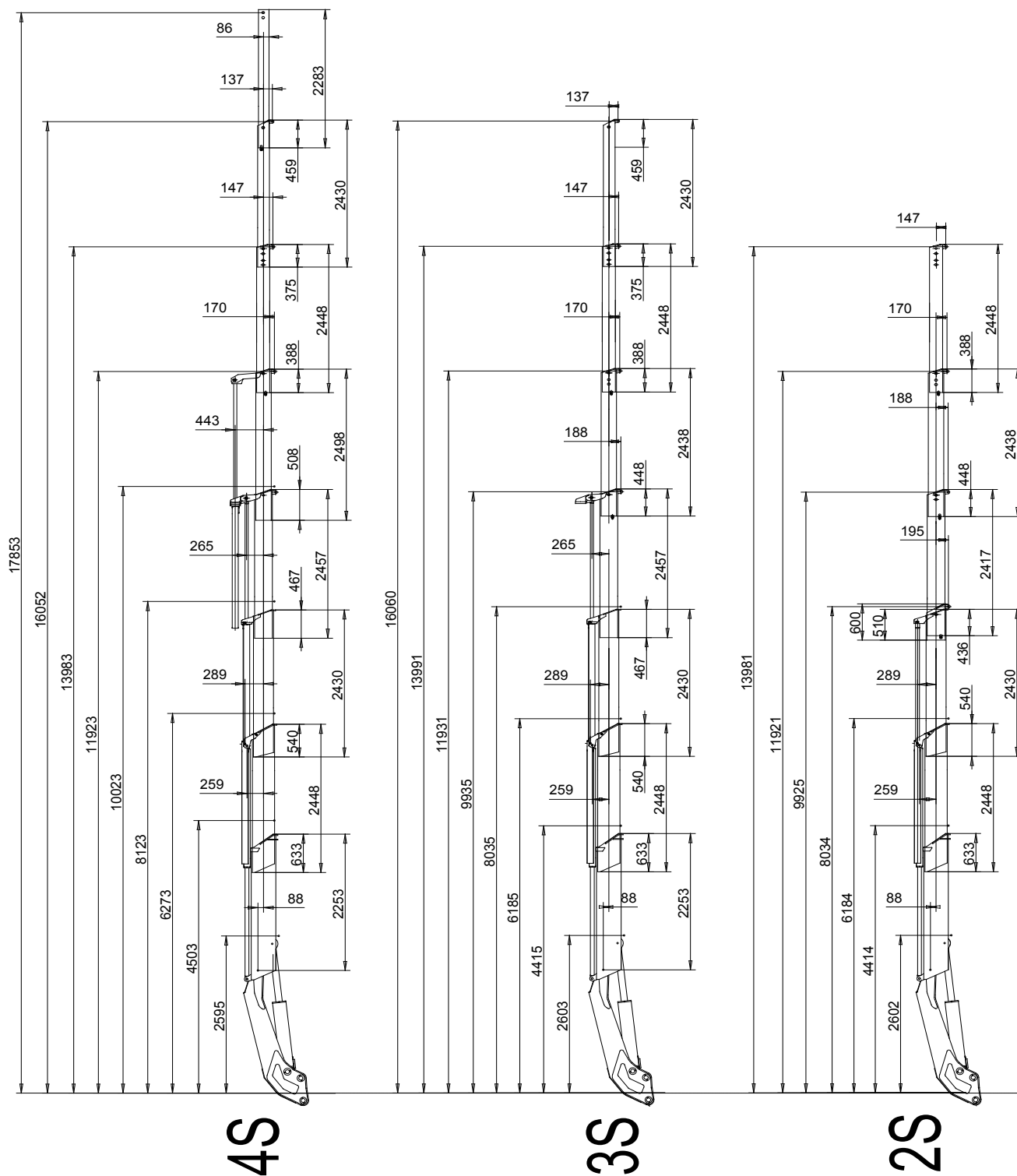
	H
1S	2310 mm
2S	2310 mm
3S	2310 mm
4S	2210 mm
5S	2130 mm
6S	2070 mm

825-828

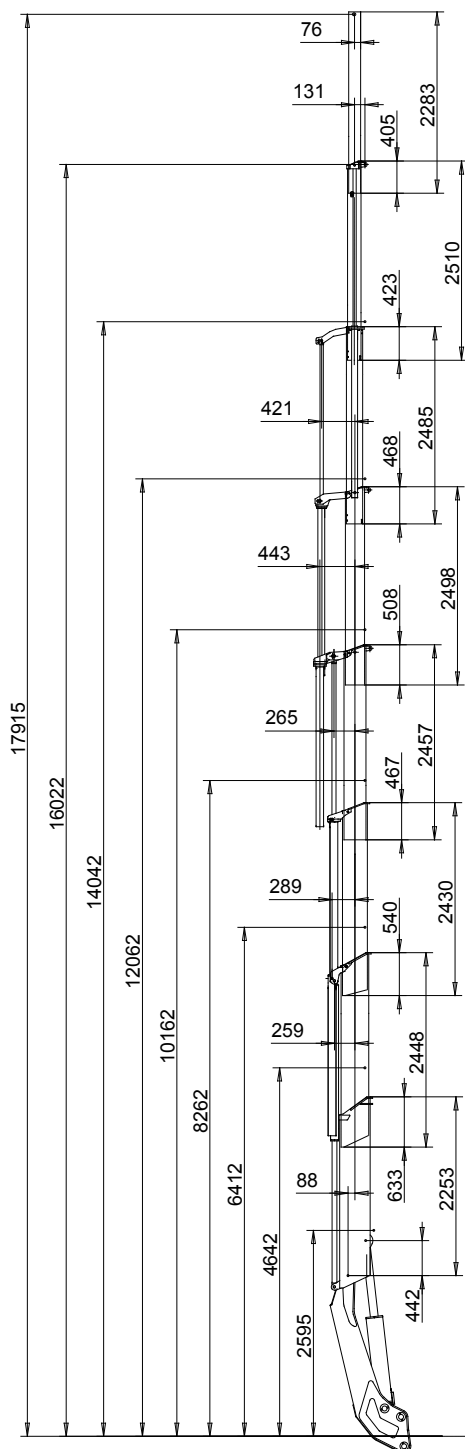
Crane – Kran
Grue – Grua - Gru

AMCO  **VEBA**

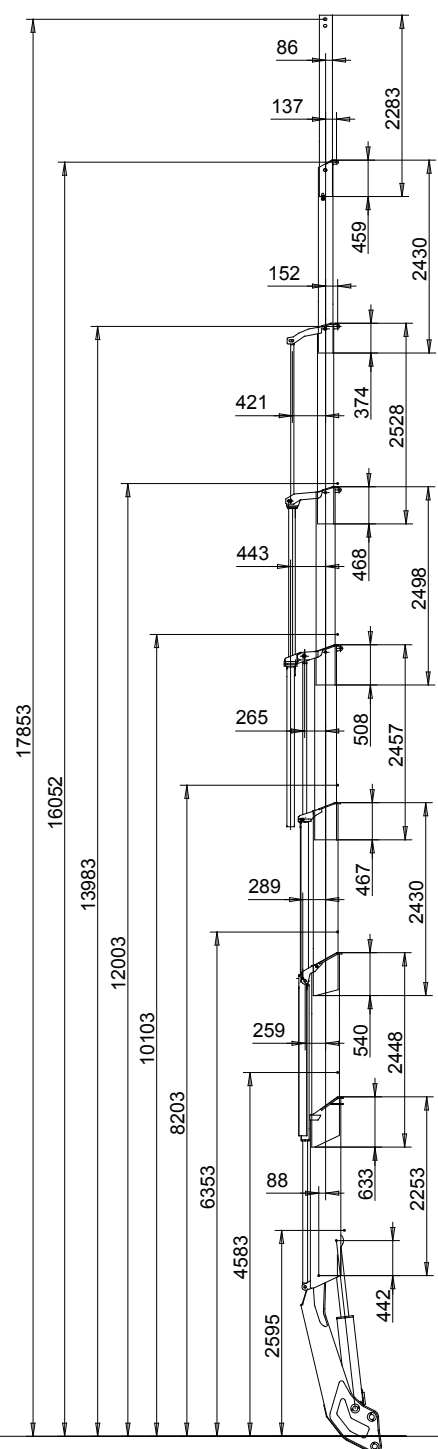
DIMENSIONALE BRACCI BOOM DIMENSION 825 - 828 1S 2S 3S 4S



DIMENSIONALE BRACCI BOOM DIMENSION 825 - 828 5S 6S

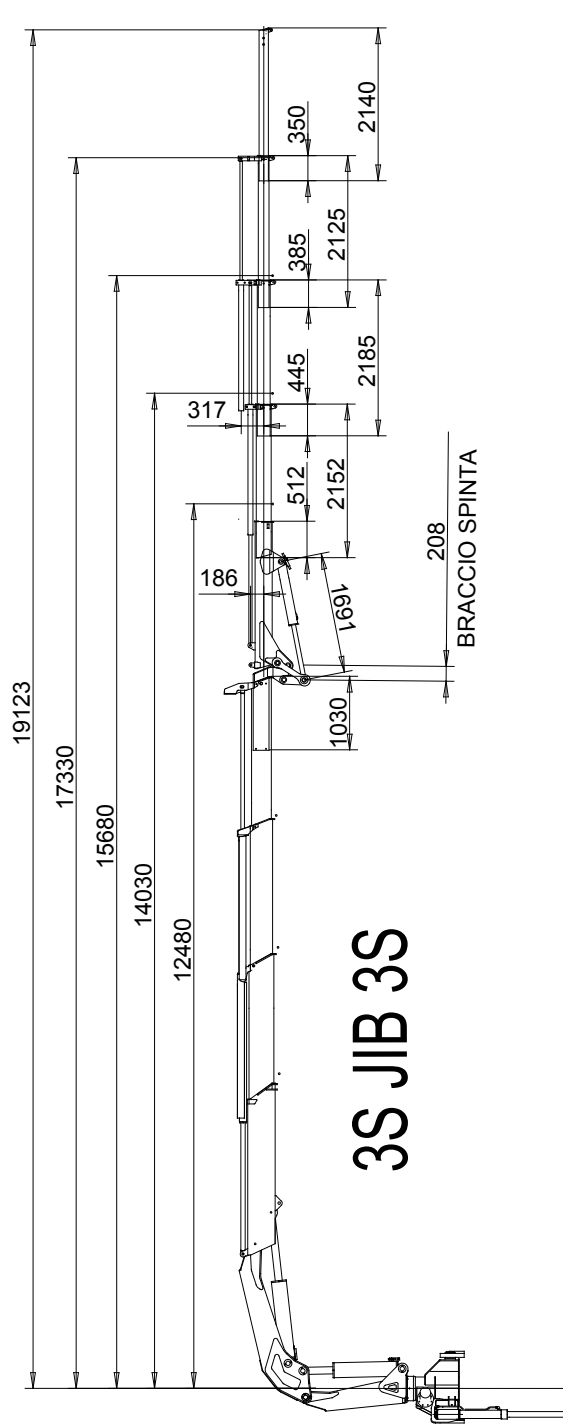
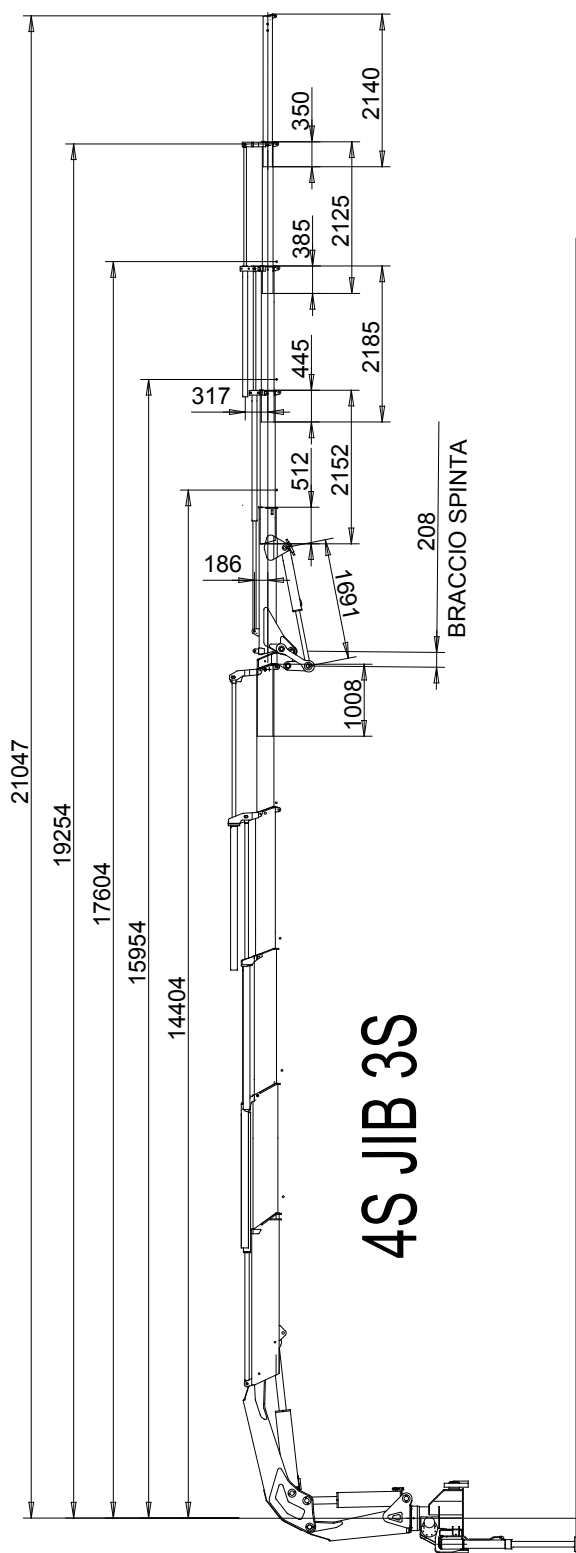


6S



5S

DIMENSIONALE BRACCI JIB JIB DIMENSION



DIMENSIONI CILINDRI E PERNI CYLINDERS AND PINS DIMENSIONS

CILINDRO DI SOLLEVAMENTO LIFTING CYLINDER

Alesaggio - <i>Cylinder bore</i>	185
Diametro esterno - <i>Cyl. ext. diameter</i>	210
Diametro stelo - <i>Rod diameter</i>	100 - 60
Interasse aperto - <i>Pitch (open)</i>	1746
Interasse chiuso - <i>Pitch (closed)</i>	1052
Corsa - <i>Stroke</i>	694
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	65
Materiale perno/i - <i>Pin steel</i>	39NiCrMo3 BNF

CILINDRO DI ARTICOLAZIONE ARTICULATION CYLINDER

Alesaggio - <i>Cylinder bore</i>	185
Diametro esterno - <i>Cyl. ext. diameter</i>	210
Diametro stelo - <i>Rod diameter</i>	100 - 60
Interasse aperto - <i>Pitch (open)</i>	2129
Interasse chiuso - <i>Pitch (closed)</i>	1244
Corsa - <i>Stroke</i>	885
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perno fissaggio - <i>Fixing pin Ø</i>	65
Mat. perno/i - <i>Pin steel</i>	39NiCrMo3 BNF

CILINDRO 1° SFILO 1ST EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	85
Diametro esterno - <i>Cyl. ext. diameter</i>	100
Diametro stelo - <i>Rod diameter</i>	60 - 45
Interasse aperto - <i>Pitch (open)</i>	3956
Interasse chiuso - <i>Pitch (closed)</i>	2086
Corsa - <i>Stroke</i>	1770
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	30
Materiale perno/i - <i>Pin steel</i>	39NiCrMo3 BNF

CILINDRO 2° SFILO 2ND EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	85
Diametro esterno - <i>Cyl. ext. diameter</i>	100
Diametro stelo - <i>Rod diameter</i>	60 - 45
Interasse aperto - <i>Pitch (open)</i>	2003
Interasse chiuso - <i>Pitch (closed)</i>	153
Corsa - <i>Stroke</i>	1850
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perno fissaggio - <i>Fixing pin Ø</i>	30
Mat. perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO 3° 4° SFILO 3RD 4TH EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	80
Diametro esterno - <i>Cyl. ext. diameter</i>	95
Diametro stelo - <i>Rod diameter</i>	50 - 35
Interasse aperto - <i>Pitch (open)</i>	2053
Interasse chiuso - <i>Pitch (closed)</i>	153
Corsa - <i>Stroke</i>	1900
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	30
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO 5° SFILO 5TH EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	65
Diametro esterno - <i>Cyl. ext. diameter</i>	75
Diametro stelo - <i>Rod diameter</i>	40 - 25
Interasse aperto - <i>Pitch (open)</i>	2095
Interasse chiuso - <i>Pitch (closed)</i>	115
Corsa - <i>Stroke</i>	1980
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perno fissaggio - <i>Fixing pin Ø</i>	25
Mat. perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO 6° SFILO 6TH EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	65
Diametro esterno - <i>Cyl. ext. diameter</i>	75
Diametro stelo - <i>Rod diameter</i>	40 - 25
Interasse aperto - <i>Pitch (open)</i>	2065
Interasse chiuso - <i>Pitch (closed)</i>	85
Corsa - <i>Stroke</i>	1980
Raccordi - <i>Fittings</i>	7/8" - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	25
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO DI ROTAZIONE ROTATION CYLINDER

Alesaggio - <i>Cylinder bore</i>	130
Diametro esterno - <i>Cyl. ext. diameter</i>	150
Diametro stelo - <i>Rod diameter</i>	-
Interasse aperto - <i>Pitch (open)</i>	-
Interasse chiuso - <i>Pitch (closed)</i>	-
Corsa - <i>Stroke</i>	831
Raccordi - <i>Fittings</i>	-
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

DIMENSIONI CILINDRI E PERNI JIB

JIB CYLINDERS AND PINS DIMENSIONS

CILINDRO DI ARTIC. JIB JIB ARTICULATION CYLINDER

Alesaggio - <i>Cylinder bore</i>	110
Diametro esterno - <i>Cyl. ext. diameter</i>	125
Diametro stelo - <i>Rod diameter</i>	60 - 0
Interasse aperto - <i>Pitch (open)</i>	1693
Interasse chiuso - <i>Pitch (closed)</i>	990
Corsa - <i>Stroke</i>	703
Raccordi - <i>Fittings</i>	-
Ø perni articolazione - <i>Artic. pin Ø</i>	45 - 60
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

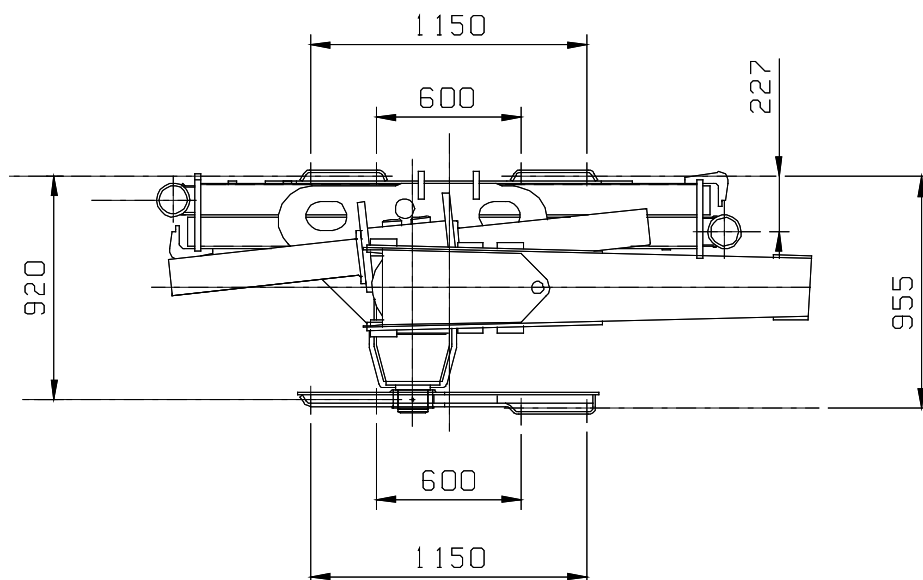
CILINDRO 1° SFILO JIB 1ST JIB EXTENSION CYL.

Alesaggio - <i>Cylinder bore</i>	65
Diametro esterno - <i>Cyl. ext. diameter</i>	75
Diametro stelo - <i>Rod diameter</i>	45 - 0
Interasse aperto - <i>Pitch (open)</i>	3340
Interasse chiuso - <i>Pitch (closed)</i>	1790
Corsa - <i>Stroke</i>	1550
Raccordi - <i>Fittings</i>	3/4" - 16
Ø perni articolazione - <i>Artic. pin Ø</i>	20
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

CILINDRO 2° 3° SFILO JIB 2ND 3RD JIB EXTENSION CYL.

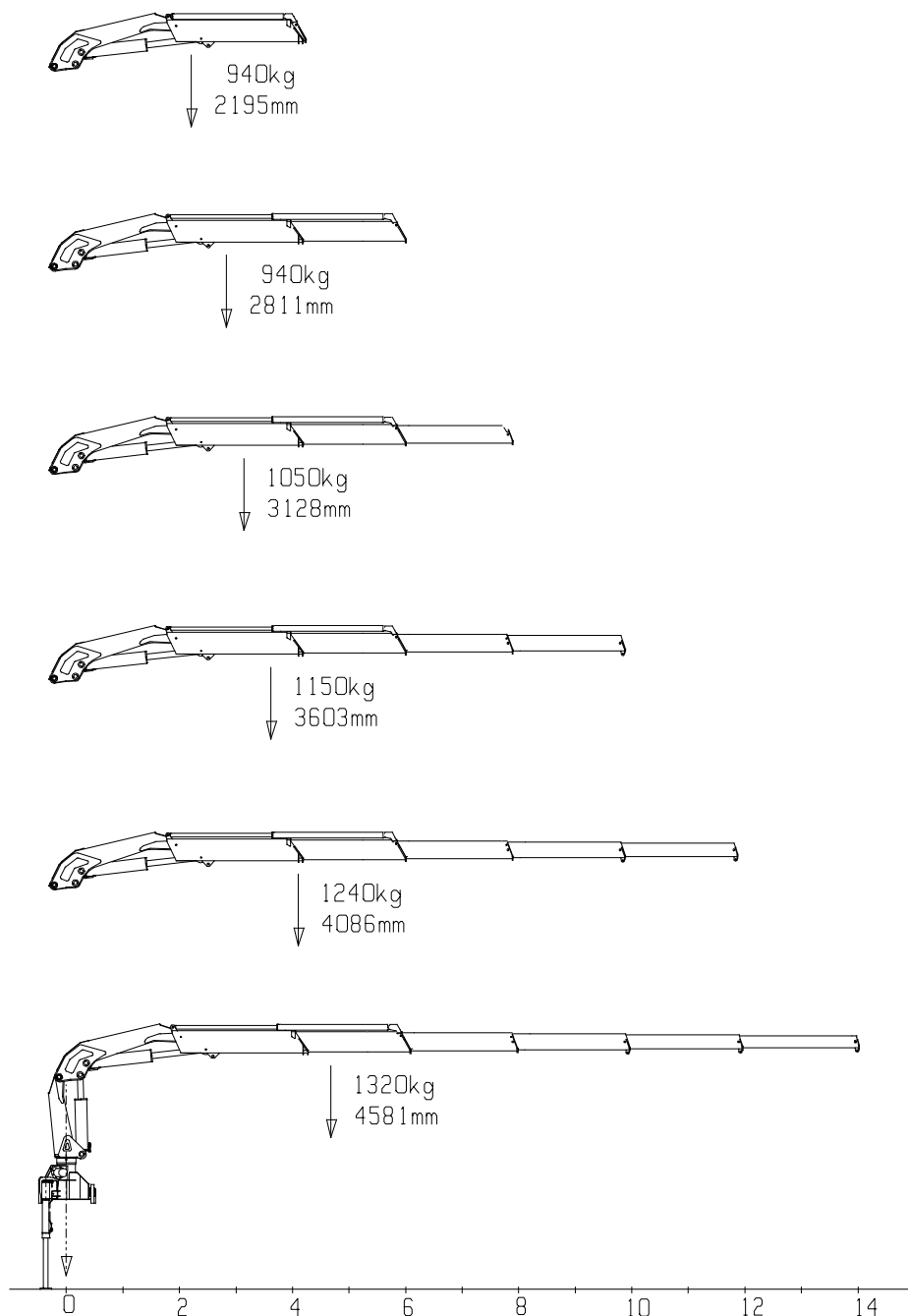
Alesaggio - <i>Cylinder bore</i>	60
Diametro esterno - <i>Cyl. ext. diameter</i>	70
Diametro stelo - <i>Rod diameter</i>	35 - 0
Interasse aperto - <i>Pitch (open)</i>	1740
Interasse chiuso - <i>Pitch (closed)</i>	90
Corsa - <i>Stroke</i>	1650
Raccordi - <i>Fittings</i>	3/4" - 16
Ø perni articolazione - <i>Artic. pin Ø</i>	20
Materiale perno/i - <i>Pin steel</i>	C40 NORM.

DIMENSIONI BASAMENTO BASE DIMENSIONS



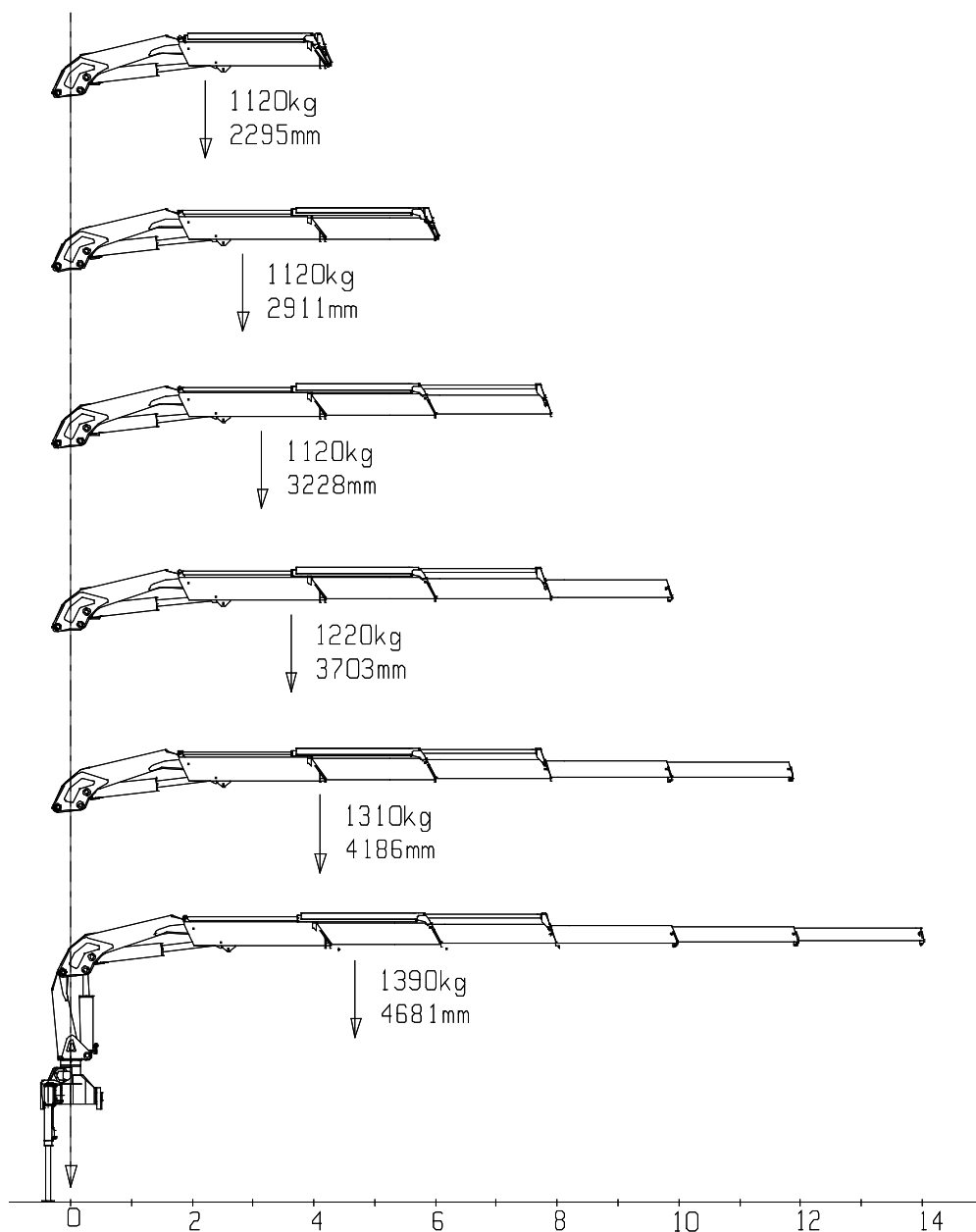
Tiranti di staffaggio Crane mounting boltss	N°8 M30x2 39NiCrMo3 QT Coppia di serraggio - Tightening torque: 700 Nm
Viti fissaggio canna di rotazione Rotation cylinder fixing bolts	N°8 M16x45 8.8 UNI 5931 Coppia di serraggio - Tightening torque: 120 Nm

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 1S



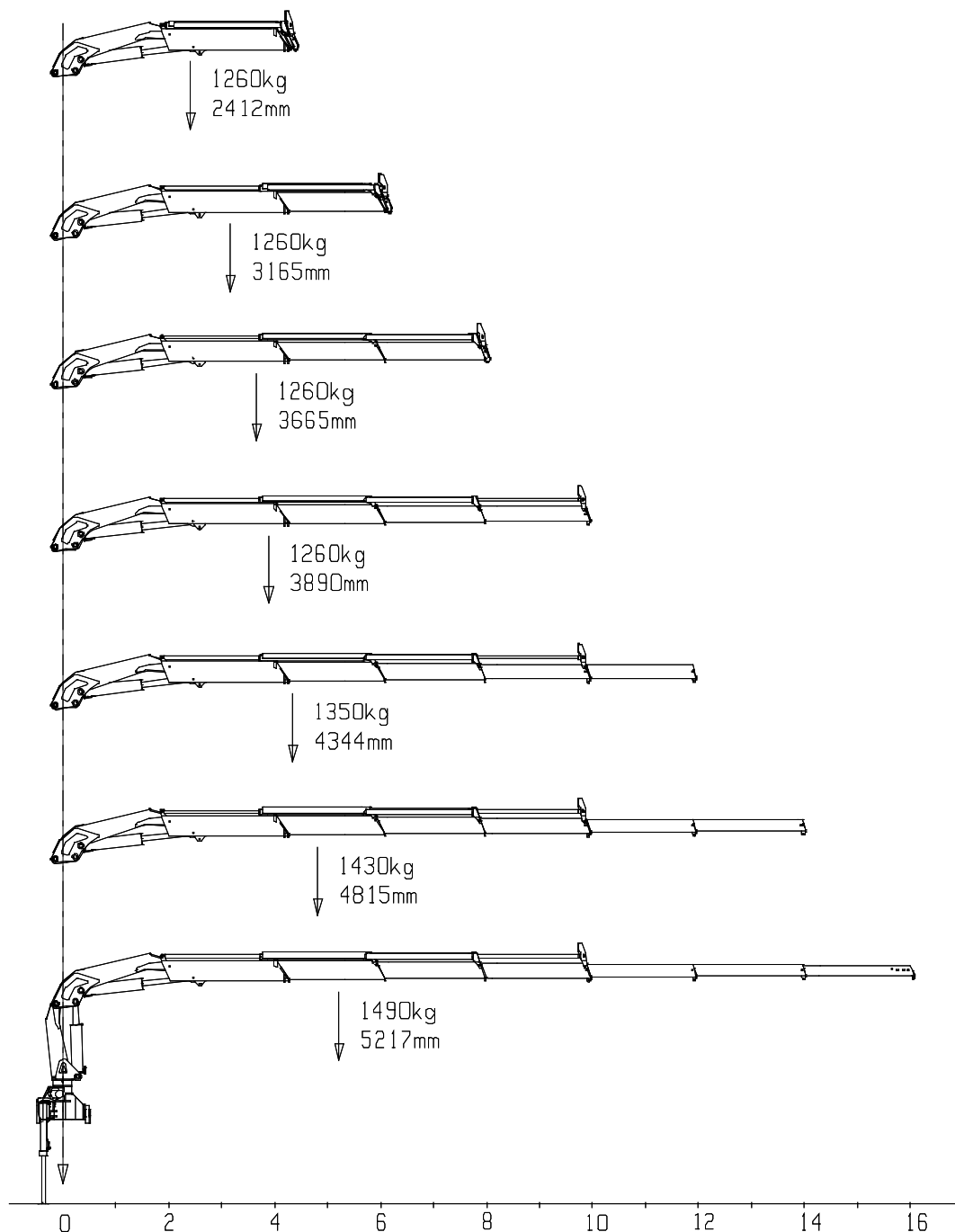
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	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 2S



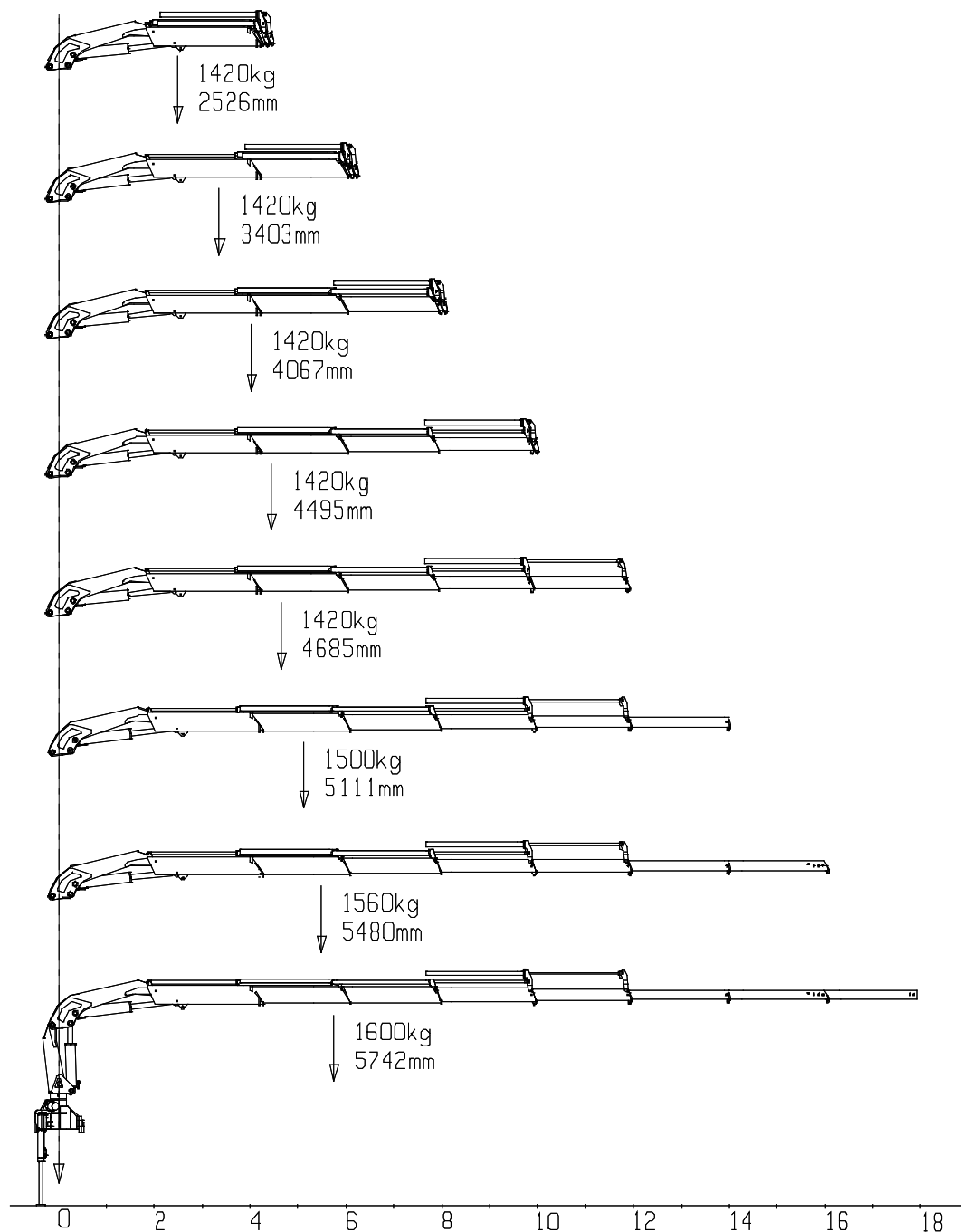
	825		828	
	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 3S



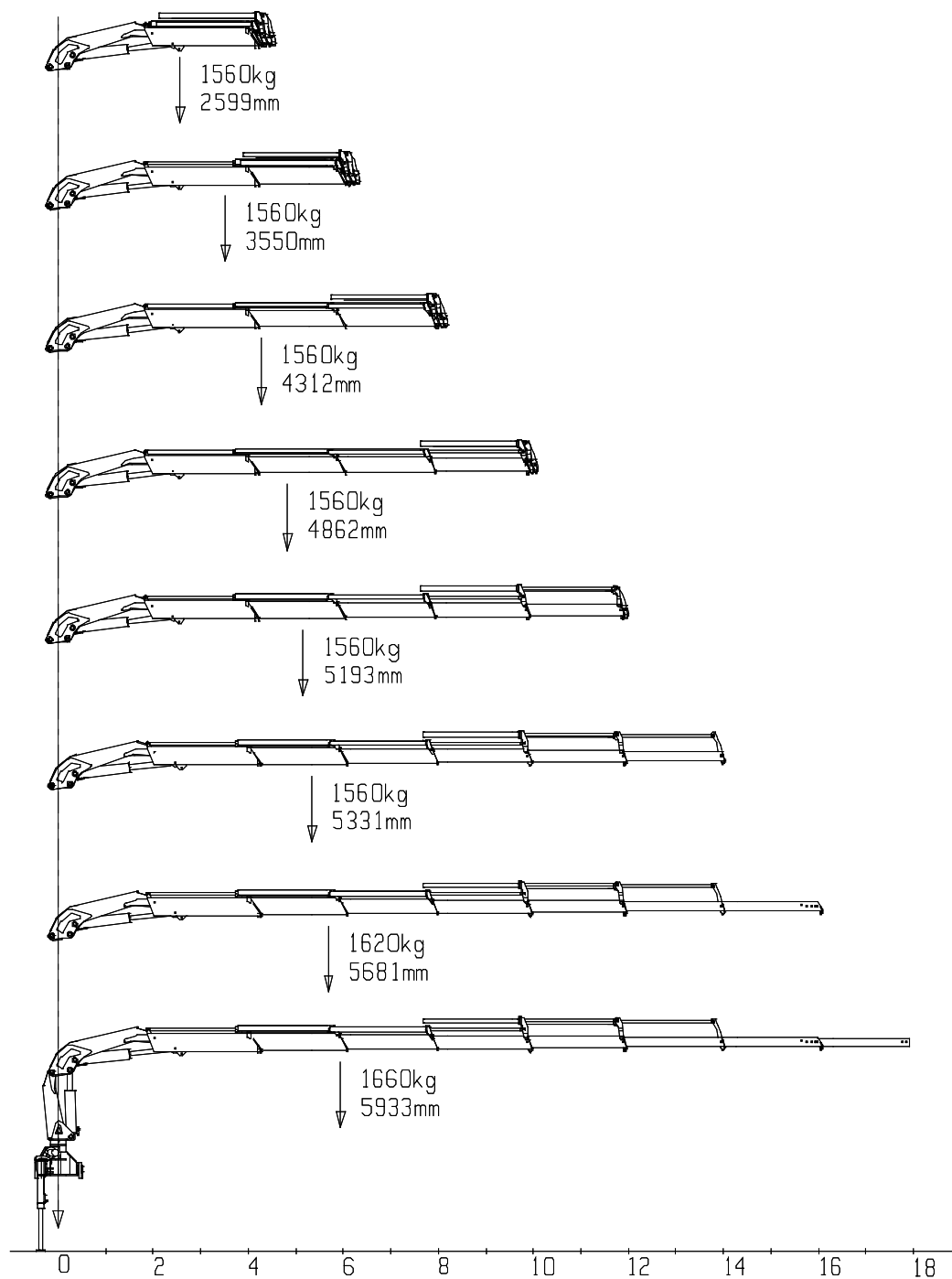
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	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 4S



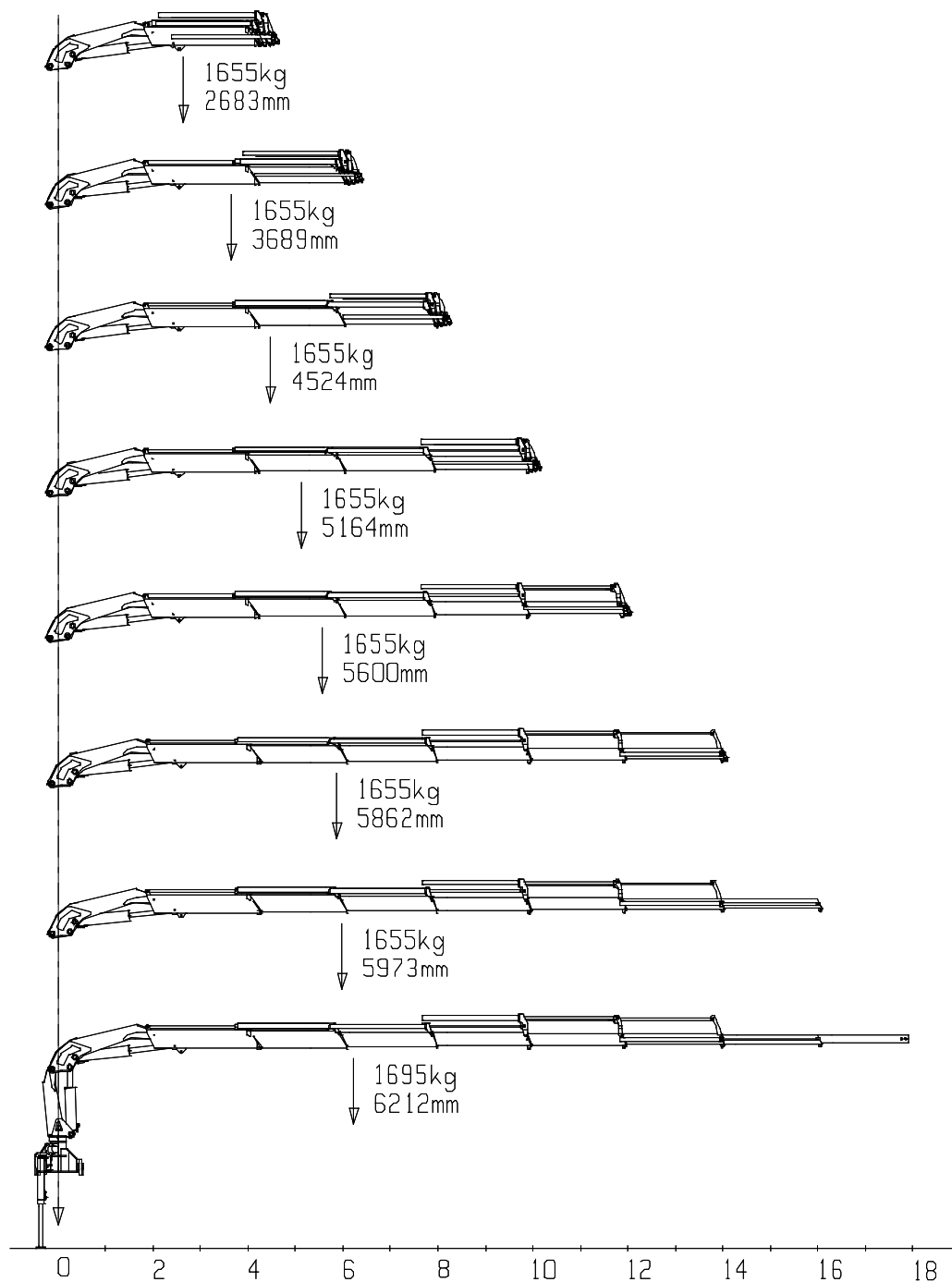
	825		828	
	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 5S



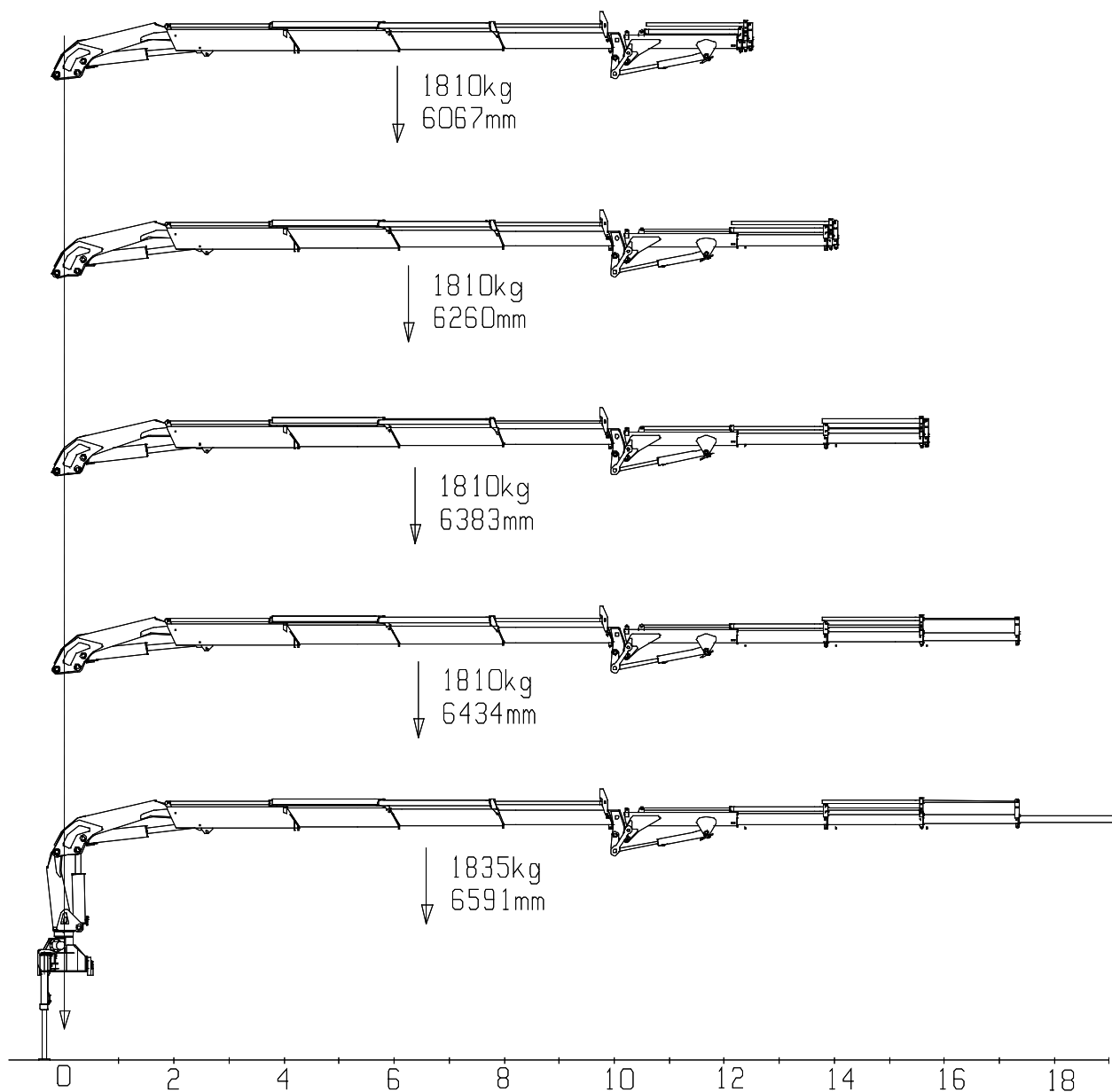
	825		828	
	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 6S



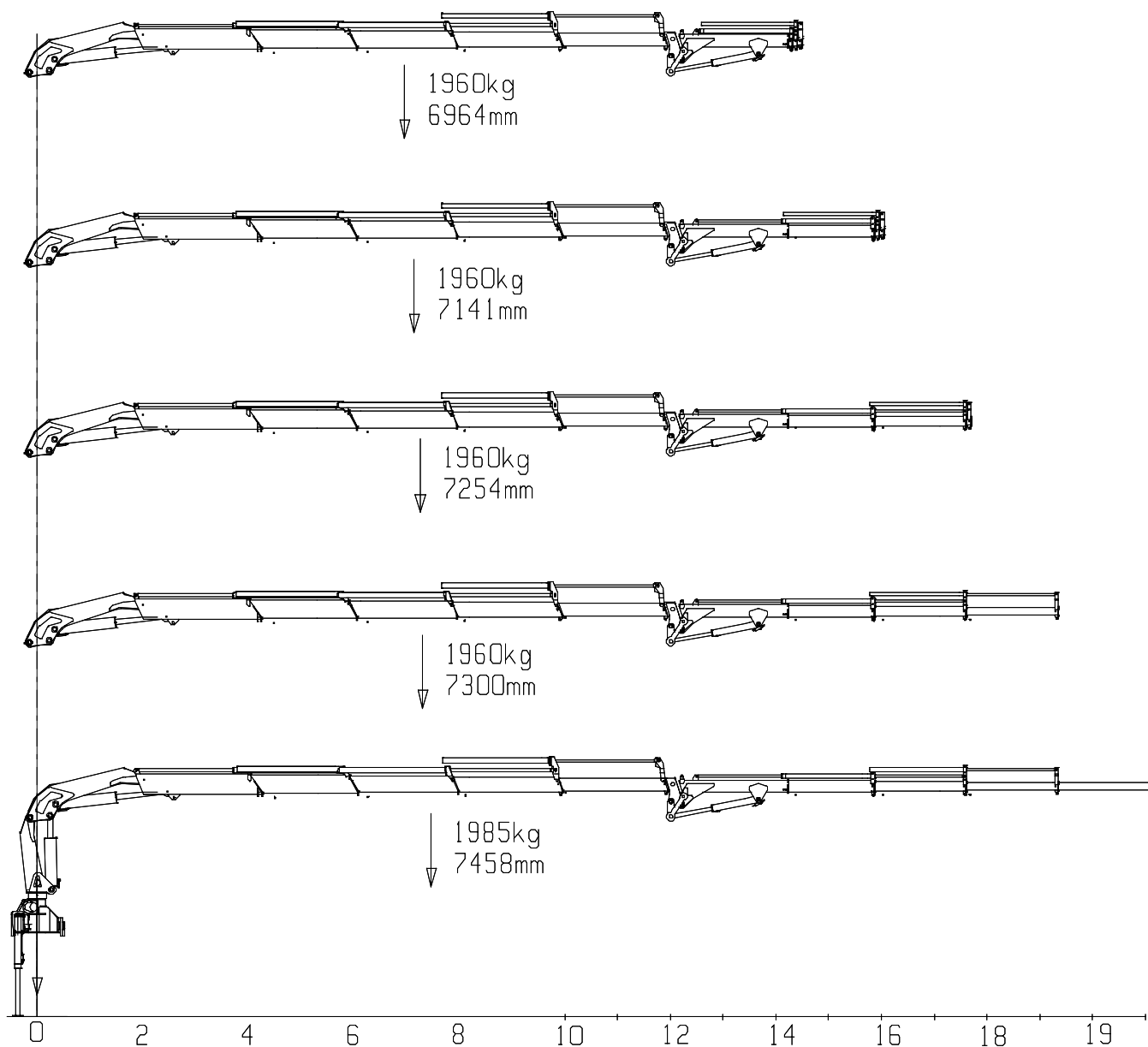
	825		828	
	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 3SJ3

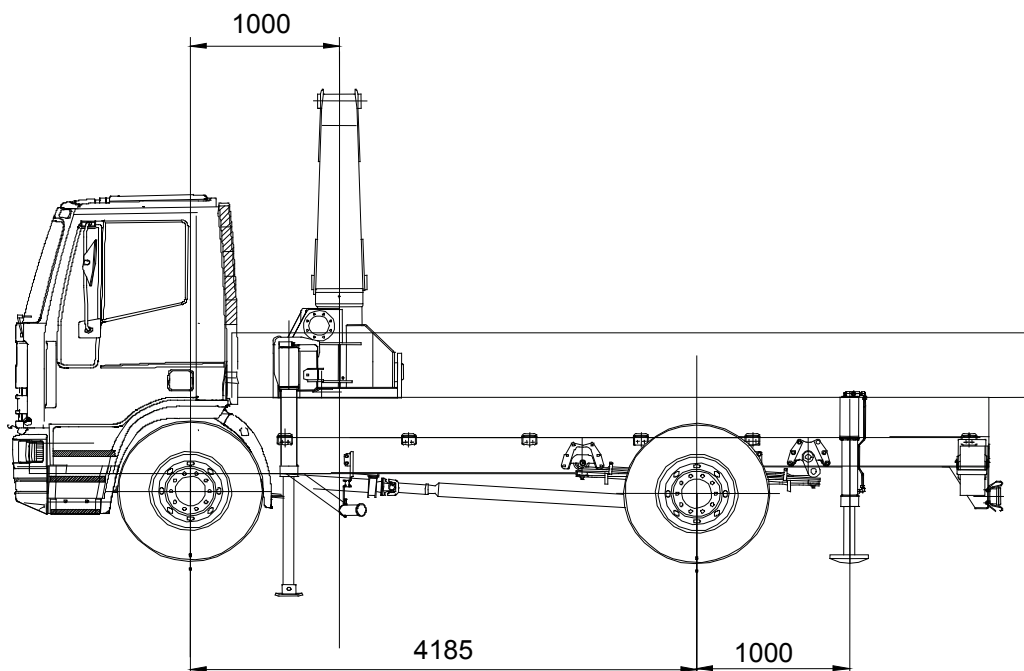


	825		828	
	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg)				
Fixed parts weights	2080	2125	2130	2175

PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 825 - 828 4SJ3



	825		828	
	ST	EX (NO CE)	ST	EX (NO CE)
Massa parti fisse (kg) Fixed parts weights	2080	2125	2130	2175

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITH SUPPLEMENTARY STABILIZERS**PTT (GVW) = 190 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 3845 kg

Tara ammissibile asse anteriore = 7500 kg

Asse posteriore

Tara asse posteriore = 2045 kg

PESI ALLESTIMENTO

Massa cassone = 1000 kg

Massa gru = 3640 kg (828 5S)

Massa controtelaio = 800 kg

Stabilizzatori supplementari

Apertura minima = 5000 mm

Peso stabilizzatori supplementari = 550 kg

Coefficiente di stabilità = 1,47**CHASSIS DATA****Front axle**

Front axle tare weight = 3845 kg

Allowable front axle weight = 7500 kg

Rear axle

Rear axle tare weight = 2045 kg

OUTFIT WEIGHTS

Body weight = 1000 kg

Crane weight = 3640 kg (828 5S)

Counterframe weight = 800 kg

Rear beam stabilizers

Min. width = 5000 mm

Rear stabilizer weight = 550Kg

Stability index = 1,47

CONTROTELAIO MINIMO MIN COUNTERFRAME

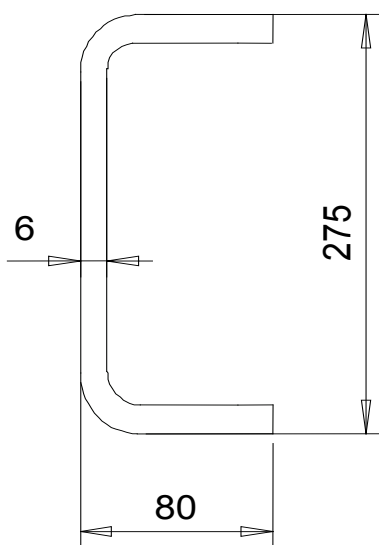
Momento dinamico max (daNm)

Max dynamic moment

31455

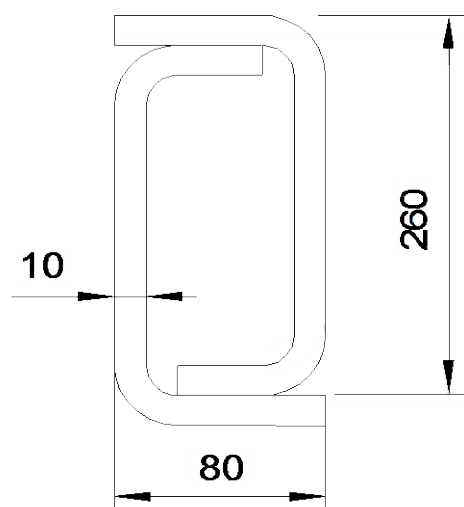
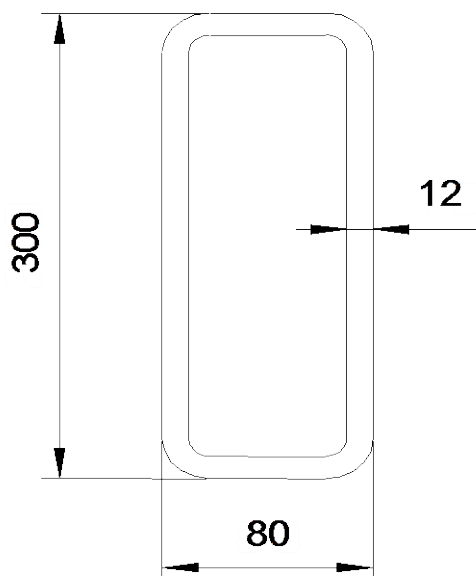
Sezione telaio minima (autocarro PTT=190 q)

Min frame section (truck GVW 19 ton)



Sezione minima contro telaio (materiale Fe510 - S355)

Min counterframe section (steel S355)

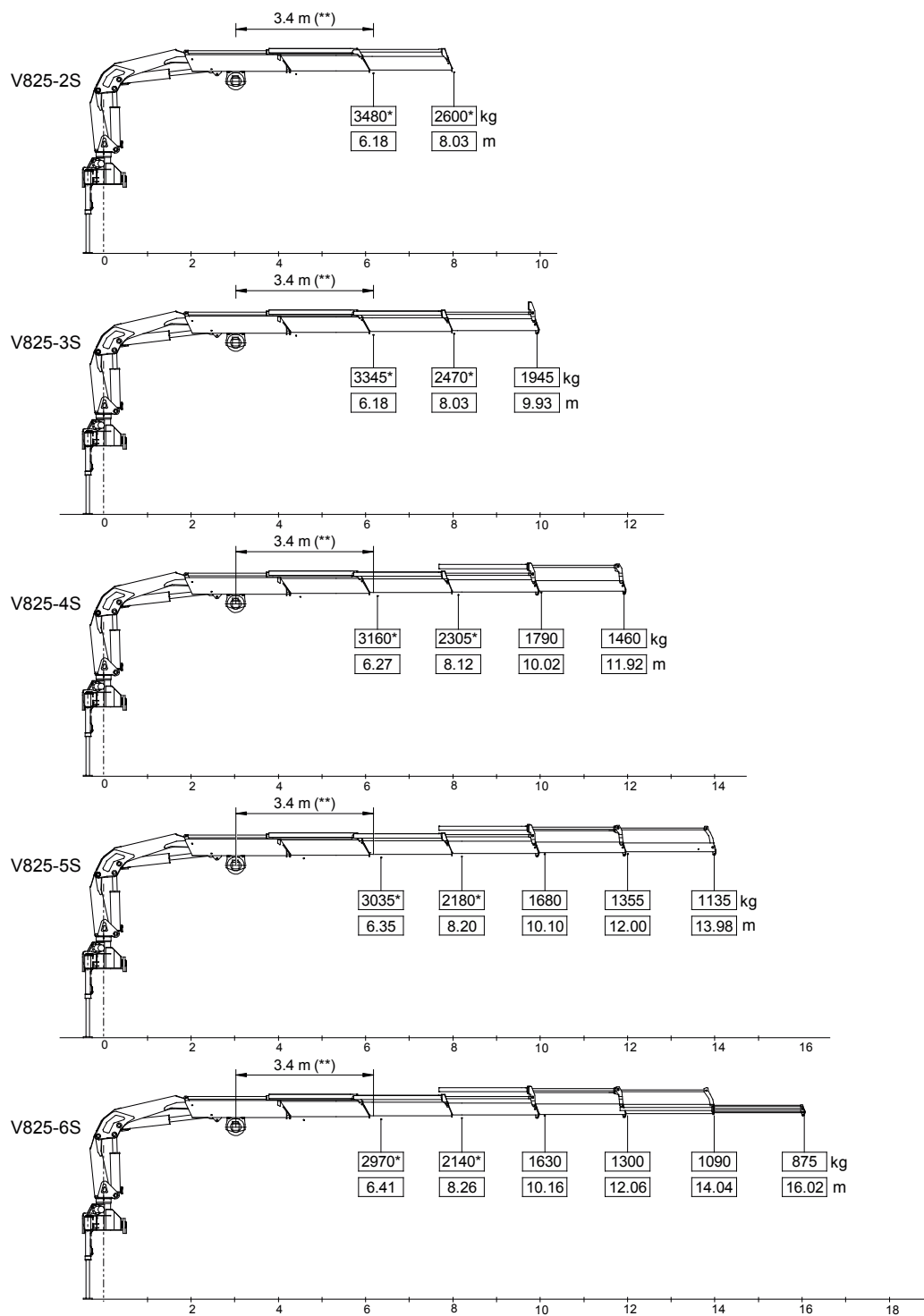


CARATTERISTICHE VERRICELLO IDRAULICO V825 HYDRAULIC WINCH DATA

Max tiro diretto versione (kg)

Max winch direct pull (kg)

2000 kg



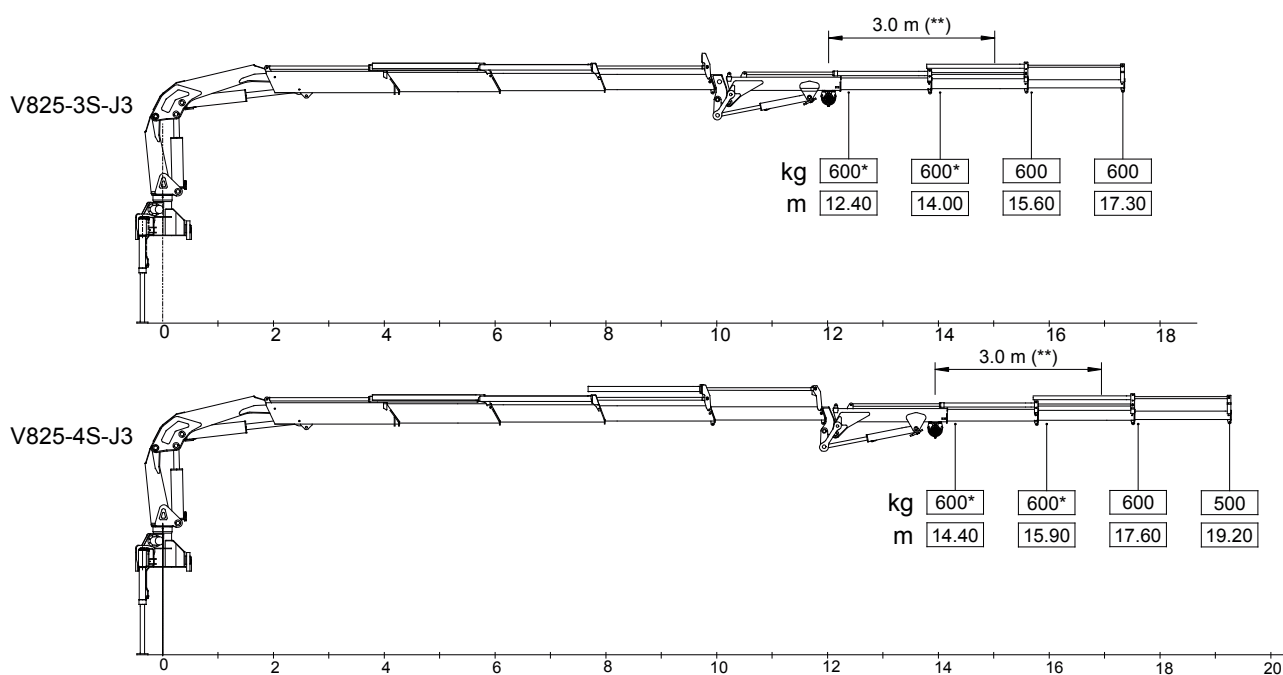
(**) = Distanza minima di utilizzo argano

(**) = Min distance for using the winch

(**) = Min Abstand für Benutzung der Winde

CARATTERISTICHE VERRICELLO IDRAULICO V825 HYDRAULIC WINCH DATA

Max tiro diretto versione (kg) Max winch direct pull (kg)	600 kg
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(**) = Distanza minima di utilizzo argano se questo è montato sul braccio jib

(**) = Min distance for using the winch if this is installed on jib boom

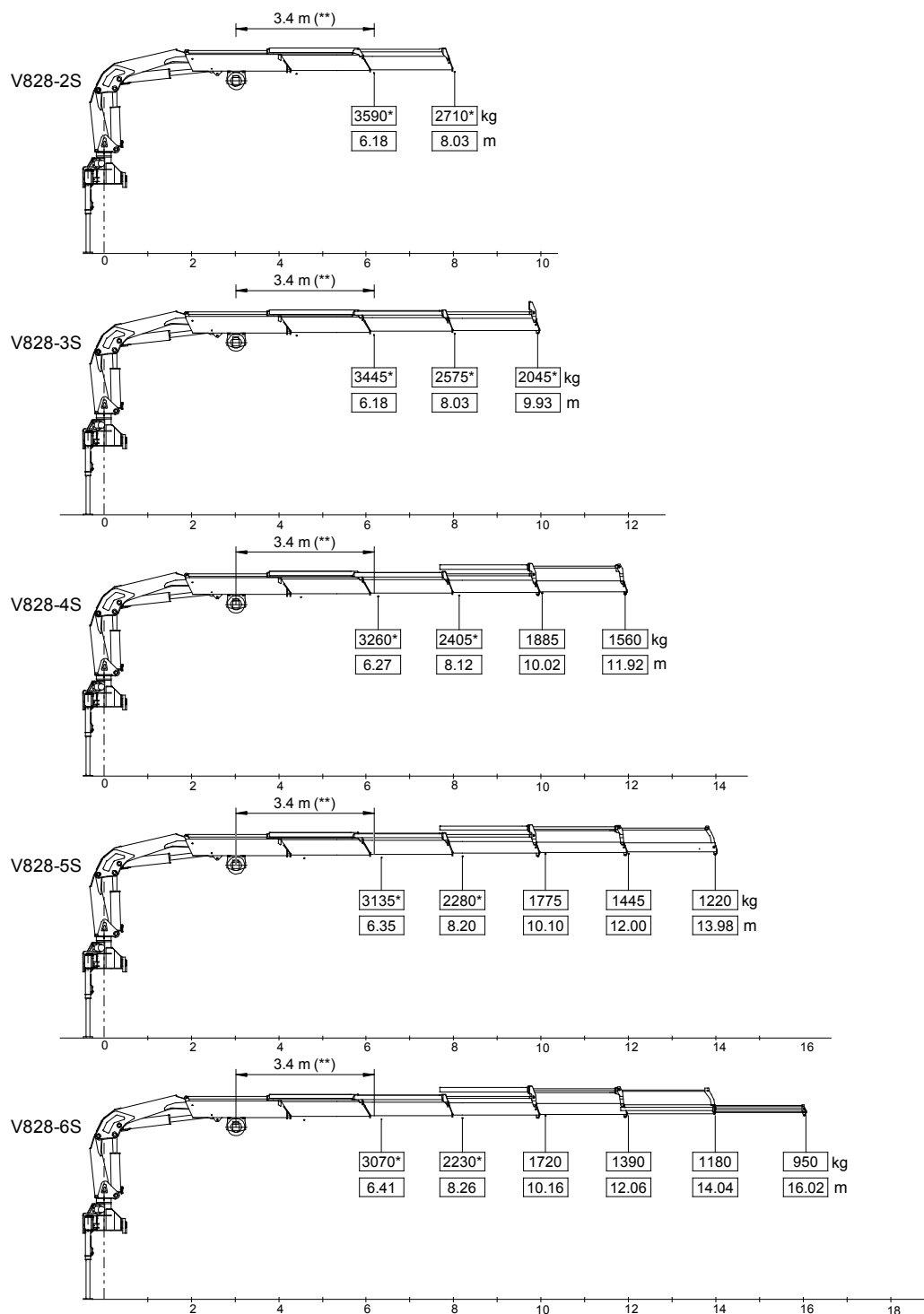
(**) = Min Abstand für Benutzung der Winde wenn aufm Jib-Ausleger installiert

CARATTERISTICHE VERRICELLO IDRAULICO V828 HYDRAULIC WINCH DATA

Max tiro diretto versione (kg)

Max winch direct pull (kg)

2000 kg



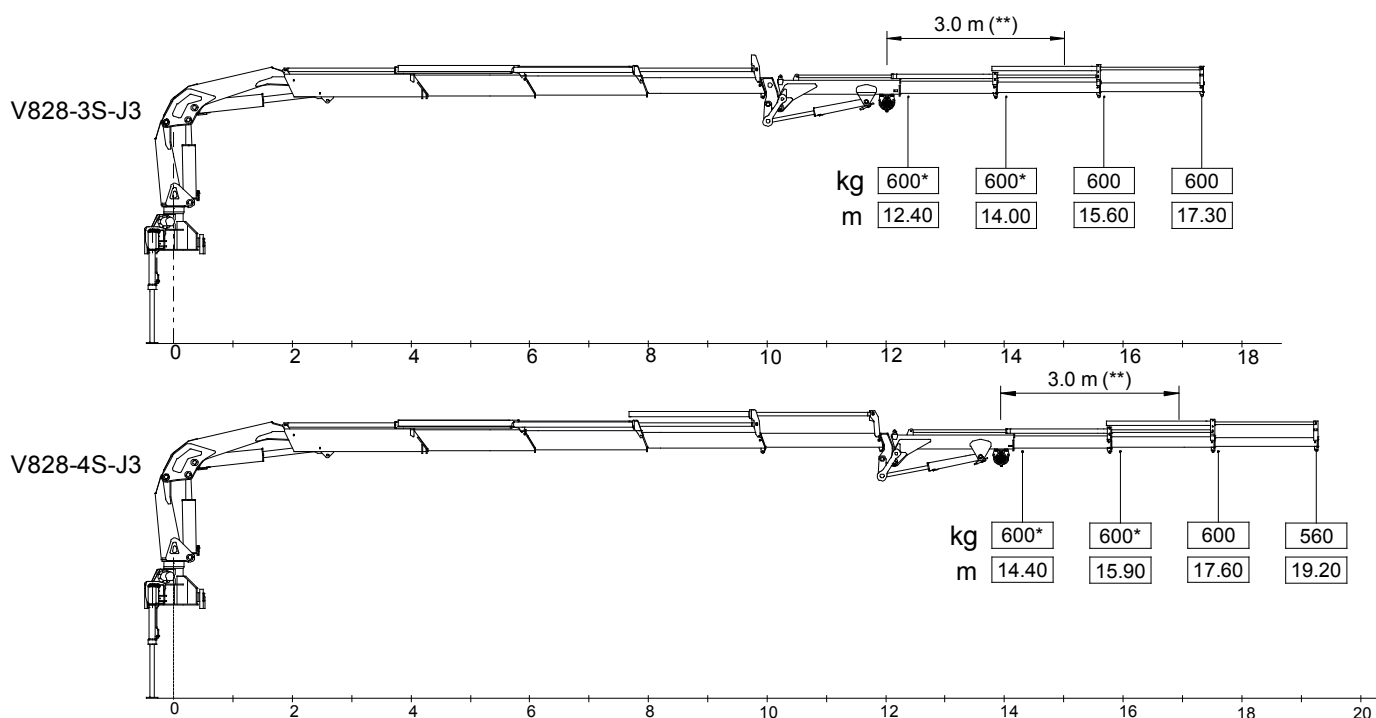
(**) = Distanza minima di utilizzo argano

(**) = Min distance for using the winch

(**) = Min Abstand für Benutzung der Winde

CARATTERISTICHE VERRICELLO IDRAULICO V828 HYDRAULIC WINCH DATA

Max tiro diretto versione (kg) Max winch direct pull (kg)	600 kg
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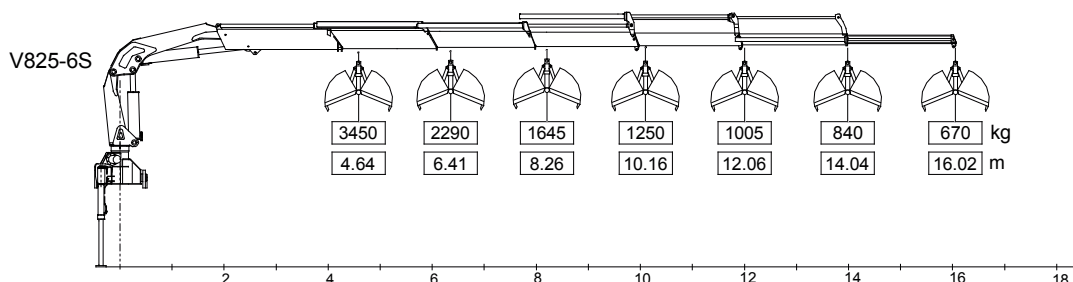
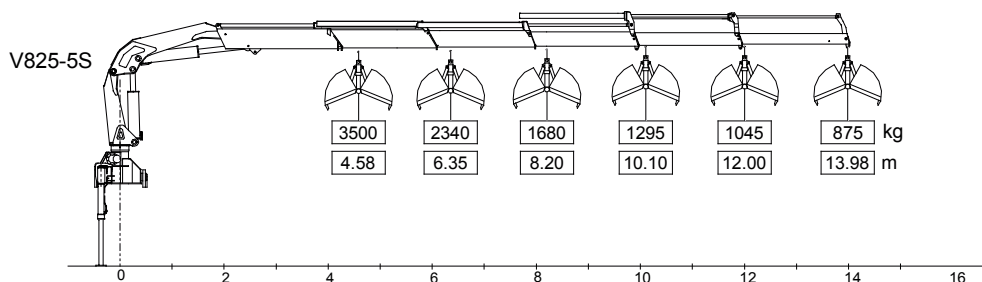
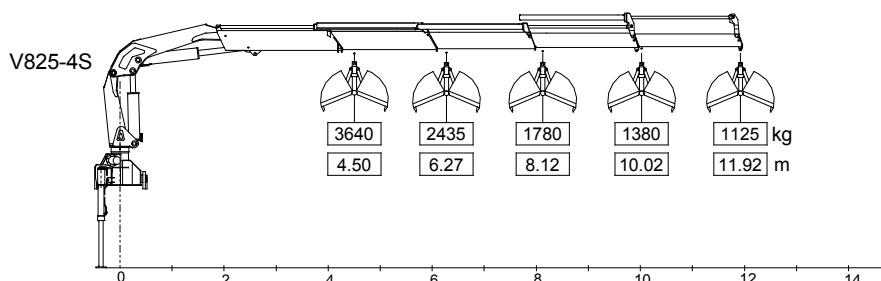
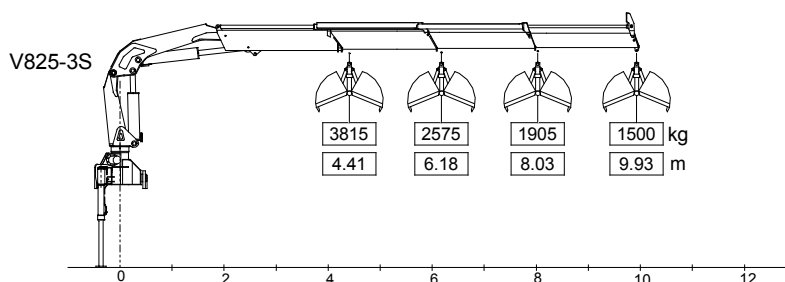
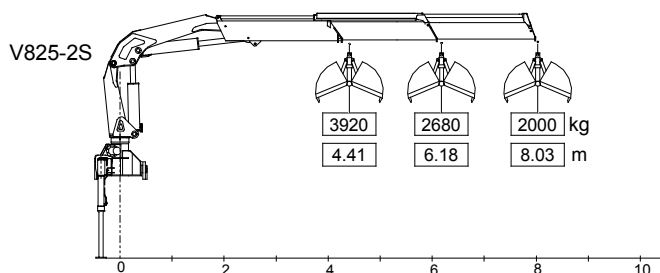
(**) = Distanza minima di utilizzo argano se questo è montato sul braccio jib

(**) = Min distance for using the winch if this is installed on jib boom

(**) = Min Abstand für Benutzung der Winde wenn aufm Jib-Ausleger installiert

CARATTERISTICHE ACCESSORI BENNA-POLIPO V825 GRAB - BUCKET DATA

Peso massimo ammissibile Max allowable weight	420 kg
Pressione max. di esercizio Max working pressure	200 bar



CARATTERISTICHE ACCESSORI BENNA-POLIPO V828 GRAB - BUCKET DATA

Peso massimo ammissibile Max allowable weight	420 kg
Pressione max. di esercizio Max working pressure	200 bar

