

929



RACCOLTA TECNICA
TECHNICAL BOOK

DATI TECNICI
TECHNICAL DATA

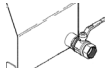
Momento dinamico max (daNm) <i>Max dynamic moment</i>	31900
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	Vers.	P_{max}
Capacità di carico max (kg) <i>Max load capacity</i>	2S	11400
	3S	11280
	4S	10890
	5S	10680
	6S	10520
	7S	10320
	8S	10150
	6S J0504	-

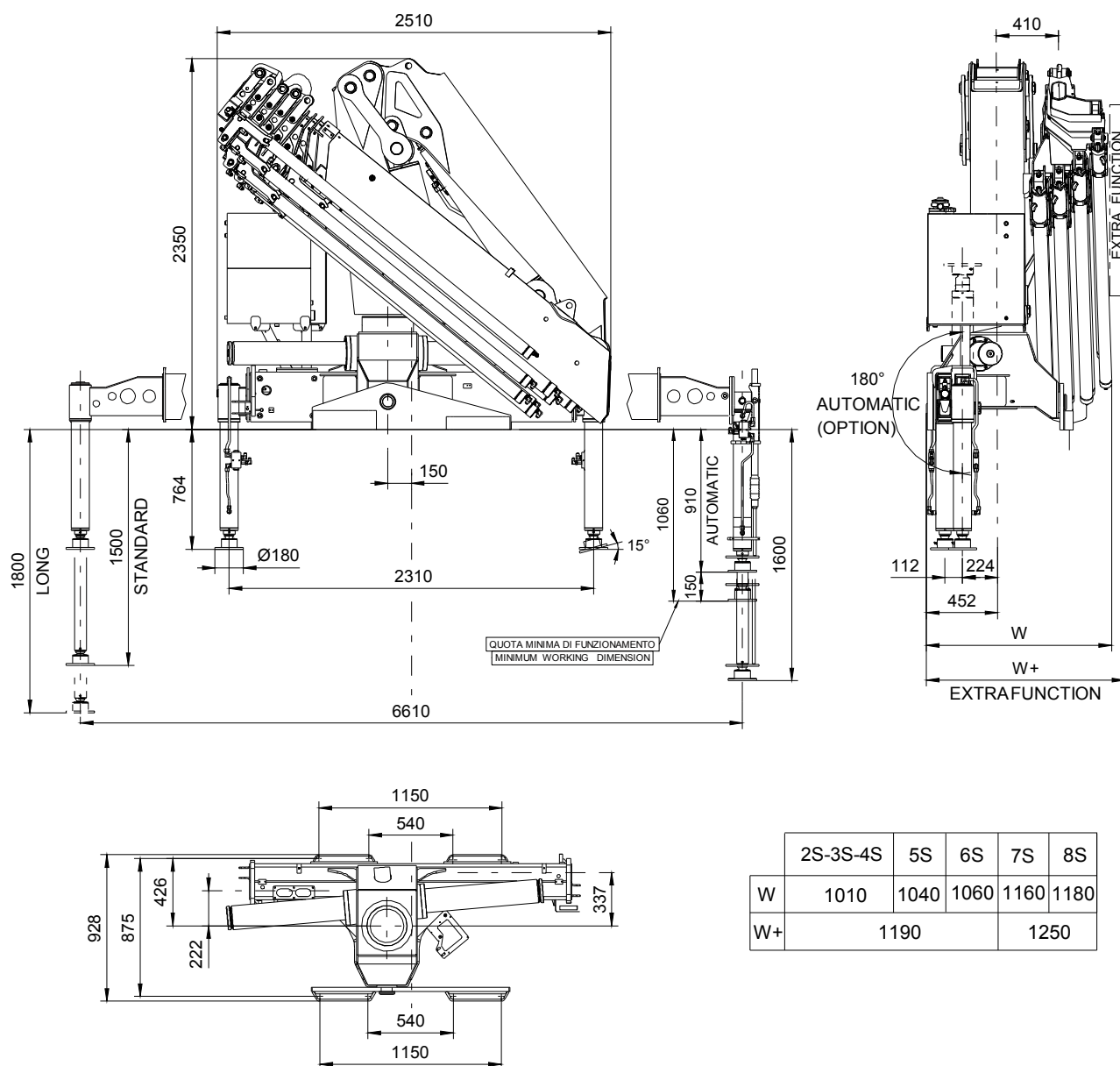
	Vers.	STD	GIRAUT
Peso gru con stabilizzatori (kg) <i>Crane weight with stabilizers</i>	2S	3105	3165
	3S	3265	3325
	4S	3420	3480
	5S	3560	3620
	6S	3685	3745
	7S	3800	3860
	8S	3900	3960
	6S J0504	4260	4320

	STD	GIRAUT
Peso stabilizzatori (kg) <i>Stabilizers weight</i>	470	530

Reazione massima sullo stabilizzatore <i>Max force on the stabilizer leg</i>	9825 daN
Carico massimo trasmesso al suolo dai cilindri stabilizzatori <i>Max stabilizer cylinder pressure on the ground</i>	3.86 MPa
Max pressione di esercizio <i>Max working pressure</i>	325 bar
Max portata d'olio al distributore <i>Max oil flow to main relief valve</i>	Hydr.: 50 l/min RDC: 80 l/min
Capacità serbatoio olio <i>Oil tank capacity</i>	180 l
Angolo di rotazione <i>Slewing angle</i>	425°
Coppia di rotazione <i>Slewing moment</i>	3200 daNm
Potenza assorbita <i>Power needed</i>	35.2 kW
Normativa di calcolo <i>Design standard</i>	EN 12999

Raccordi tra pompa e distributore (linea in pressione) <i>Fittings between pump and main relief valve (pressure line)</i>	 Hydr. M 7/8 - 14	 RDC M 1"1/16-12
Raccordi tra serbatoio e pompa (linea di aspirazione) <i>Fittings between oil tank and pump (suction line)</i>		F 1 1/2 G BSP

DIMENSIONI DI INGOMBRO
OVERALL DIMENSIONS
929



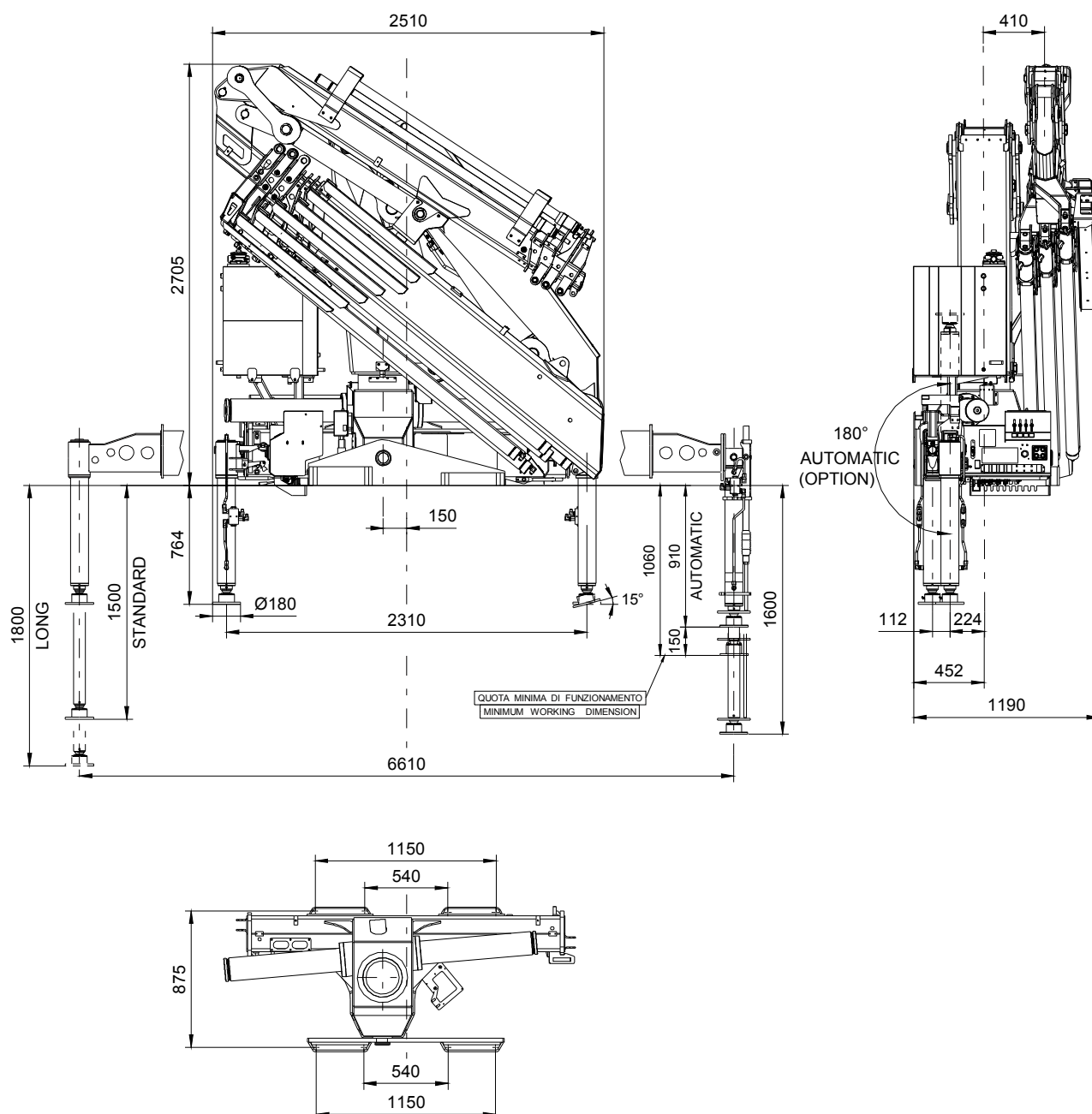
DIMENSIONI DI INGOMBRO
OVERALL DIMENSIONS
929-6S J0504

DIAGRAMMA PORTATE LOAD DIAGRAM 929 2S

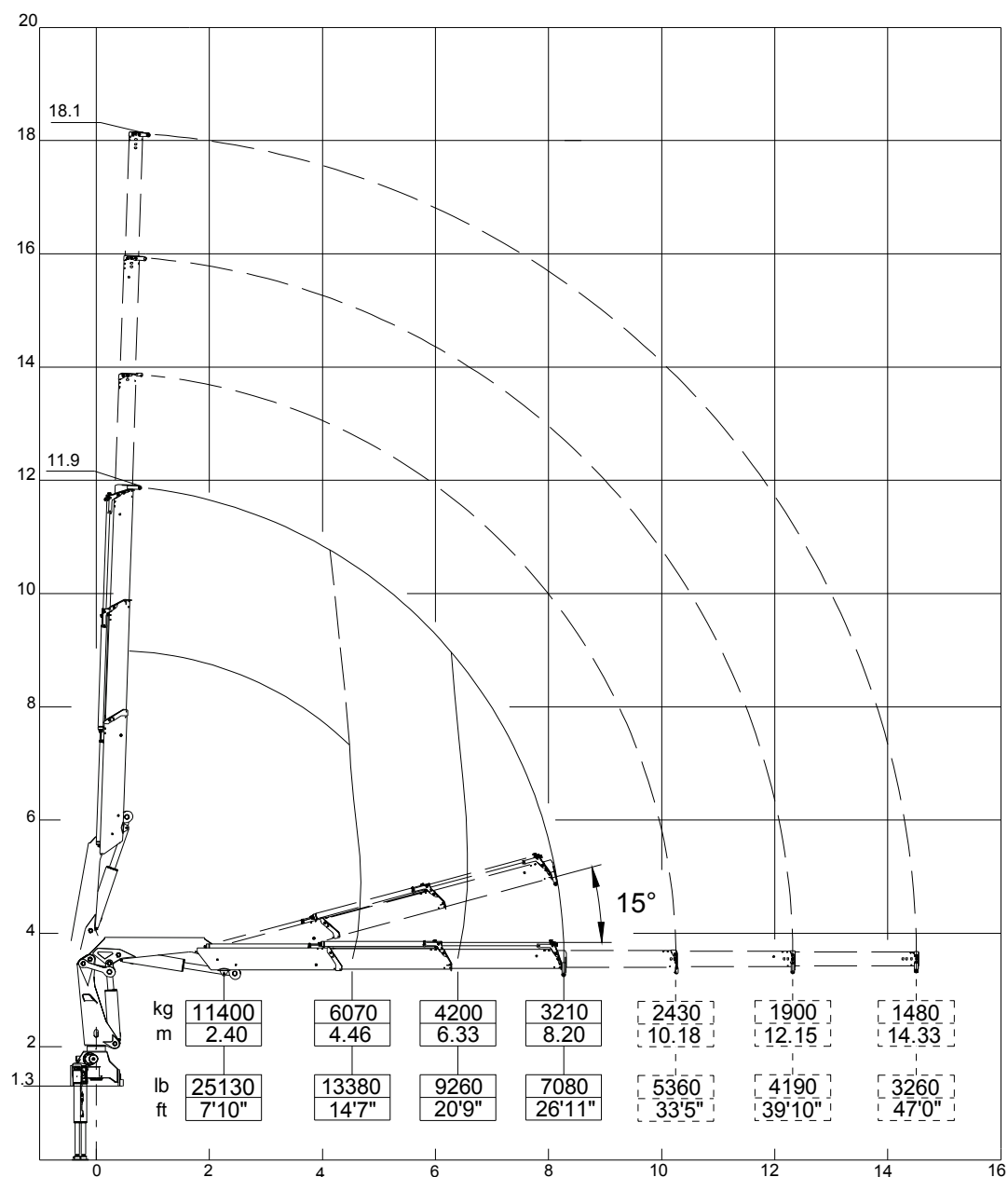


DIAGRAMMA PORTATE LOAD DIAGRAM 929 3S

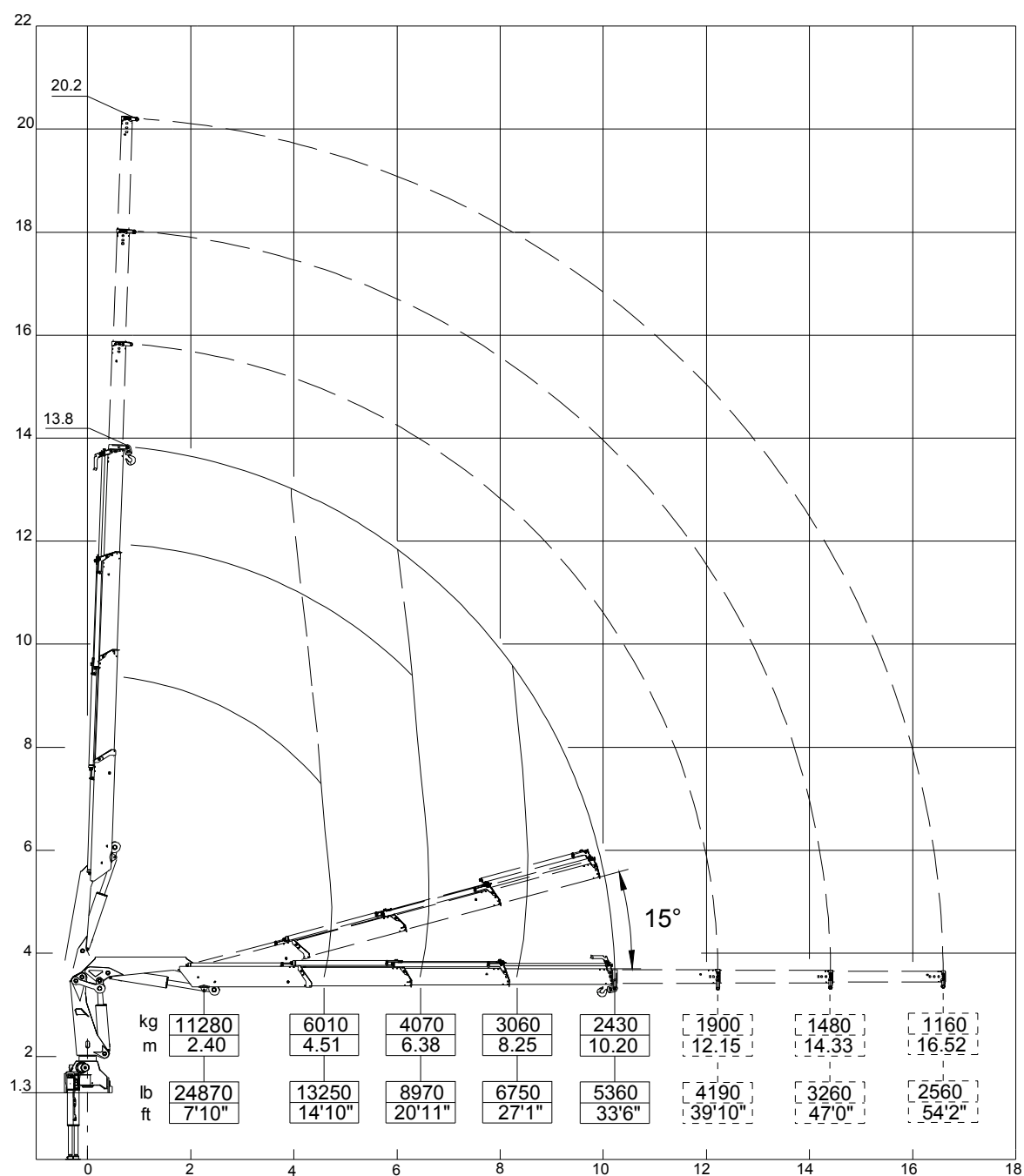


DIAGRAMMA PORTATE LOAD DIAGRAM 929 4S

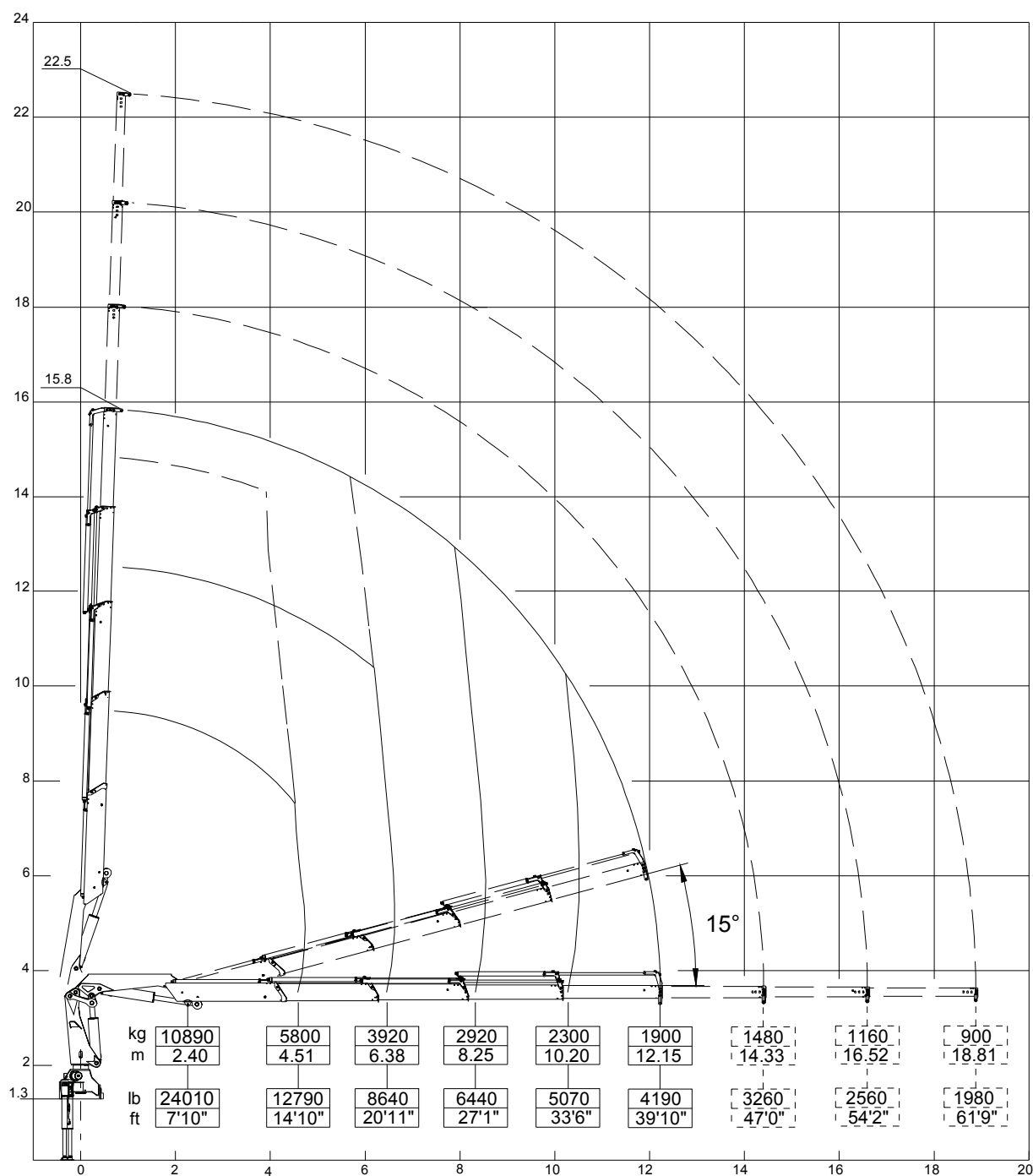


DIAGRAMMA PORTATE LOAD DIAGRAM 929 5S

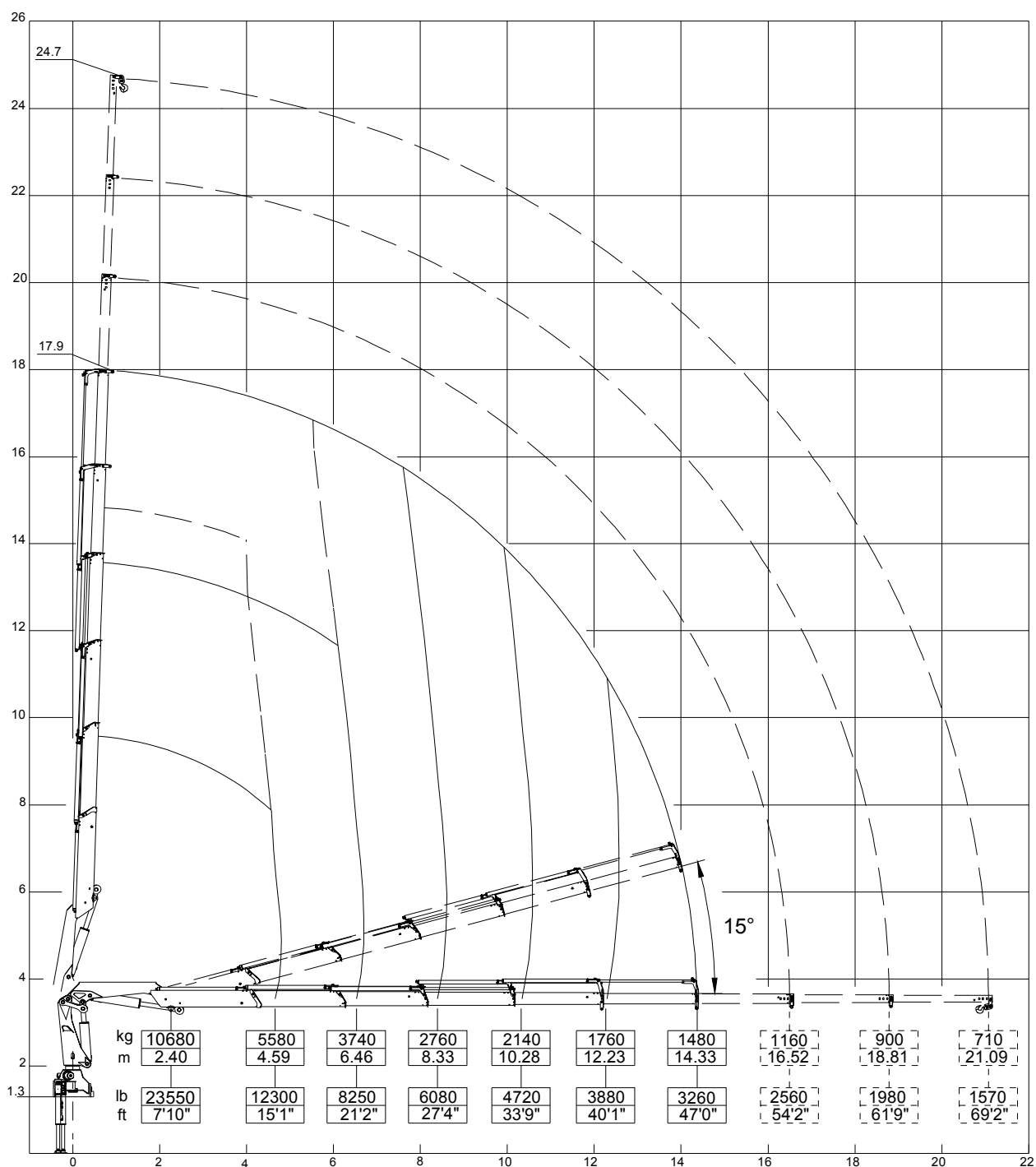


DIAGRAMMA PORTATE LOAD DIAGRAM 929 6S

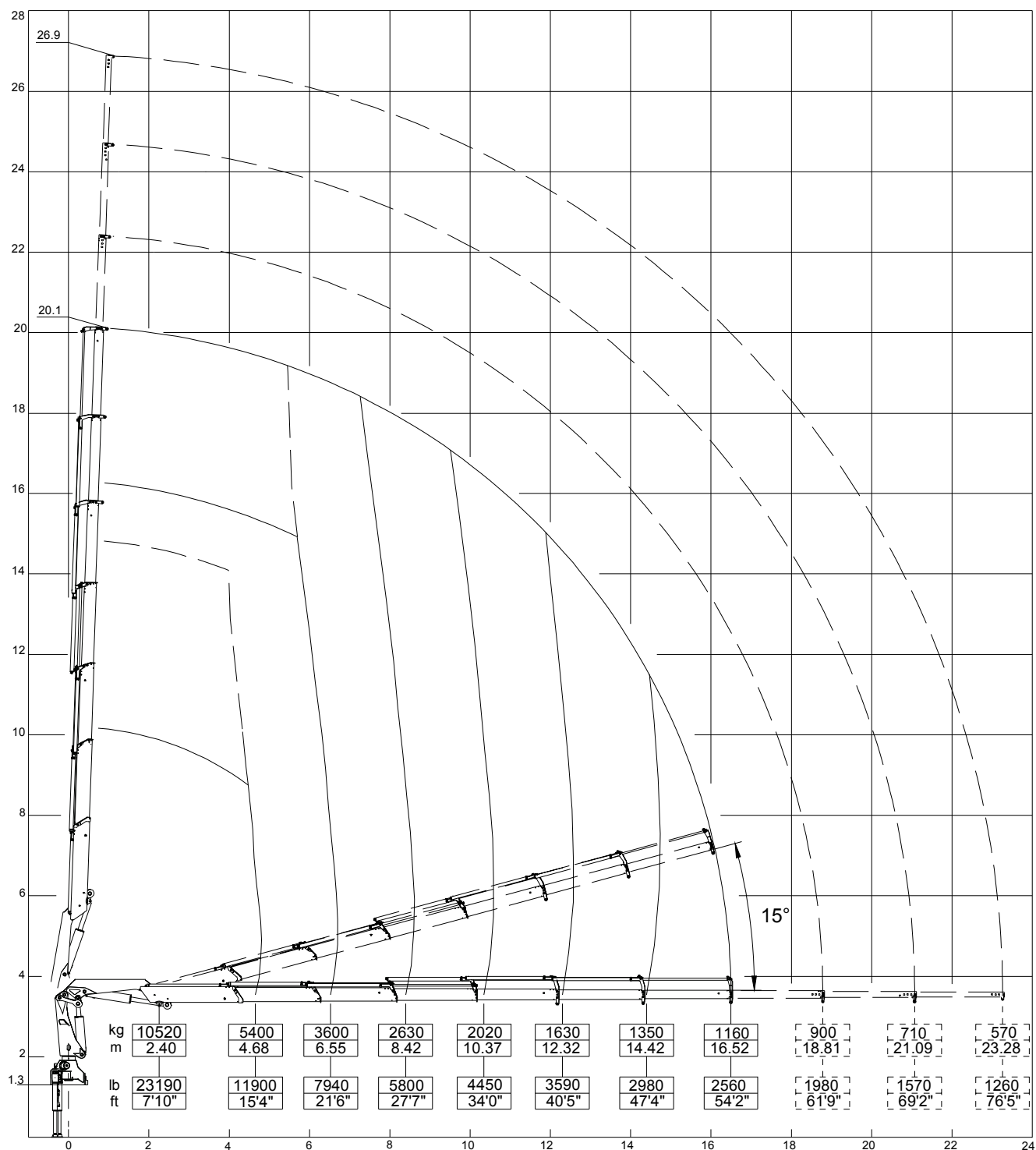


DIAGRAMMA PORTATE LOAD DIAGRAM 929 7S

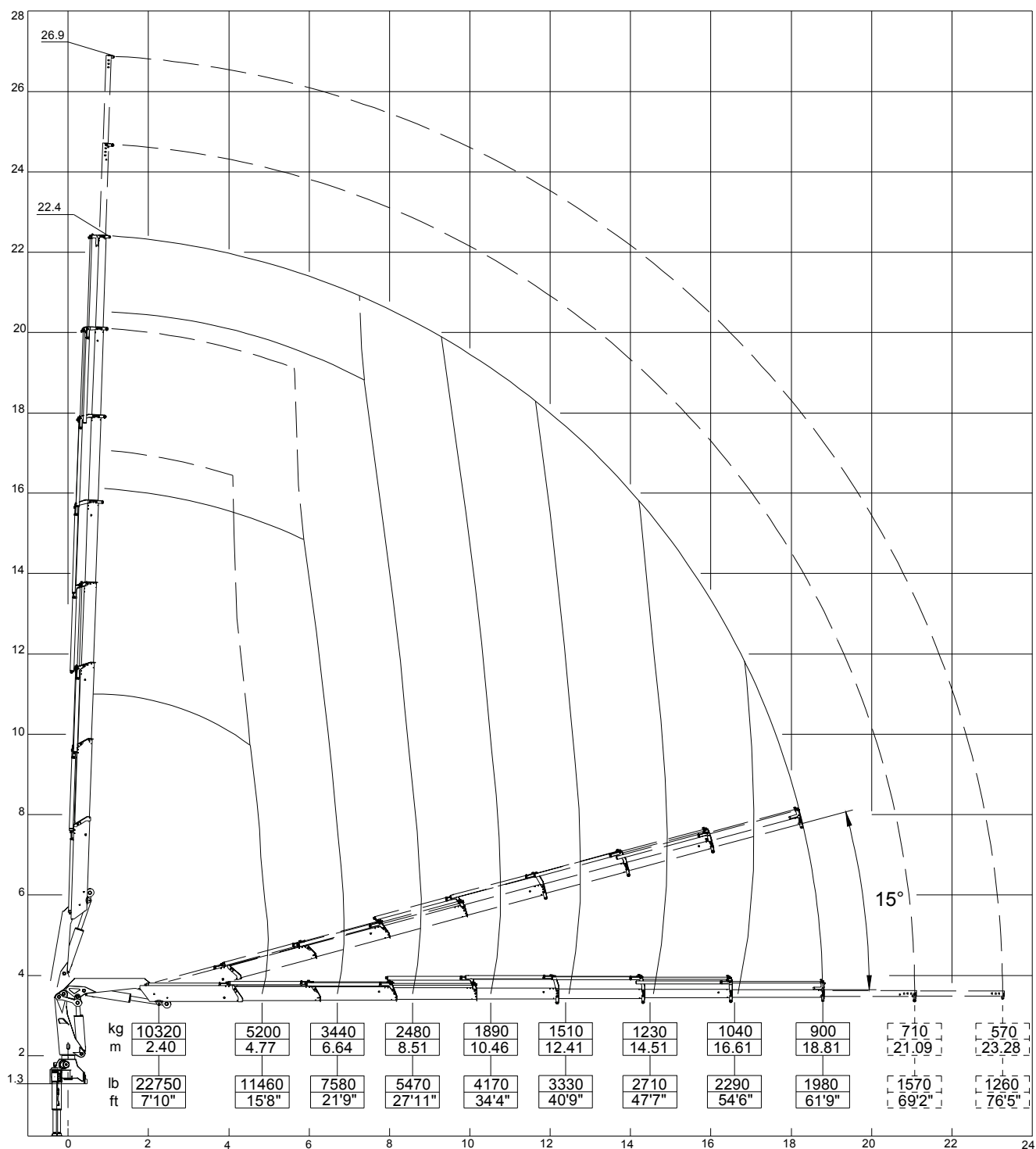


DIAGRAMMA PORTATE LOAD DIAGRAM 929 8S

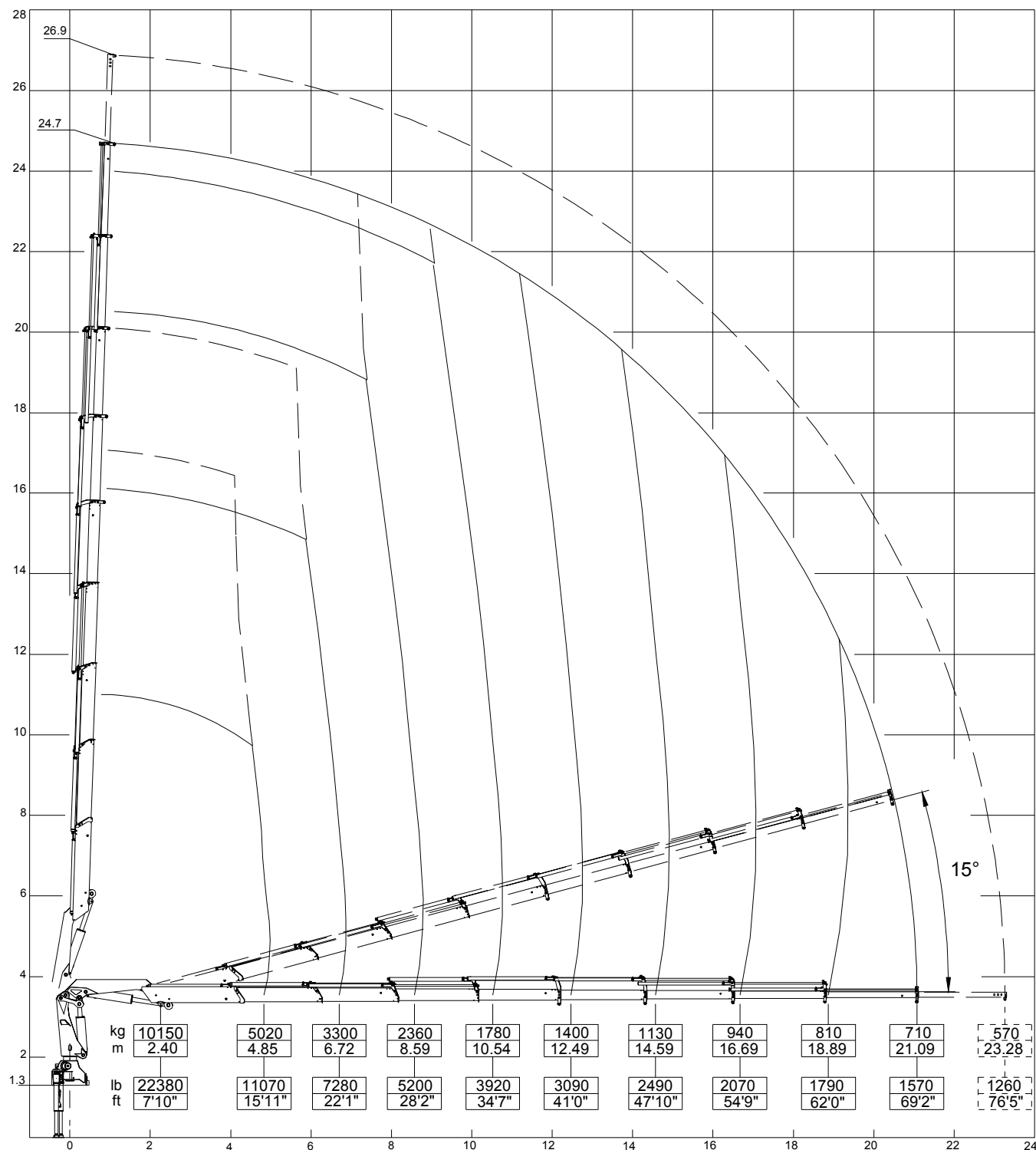
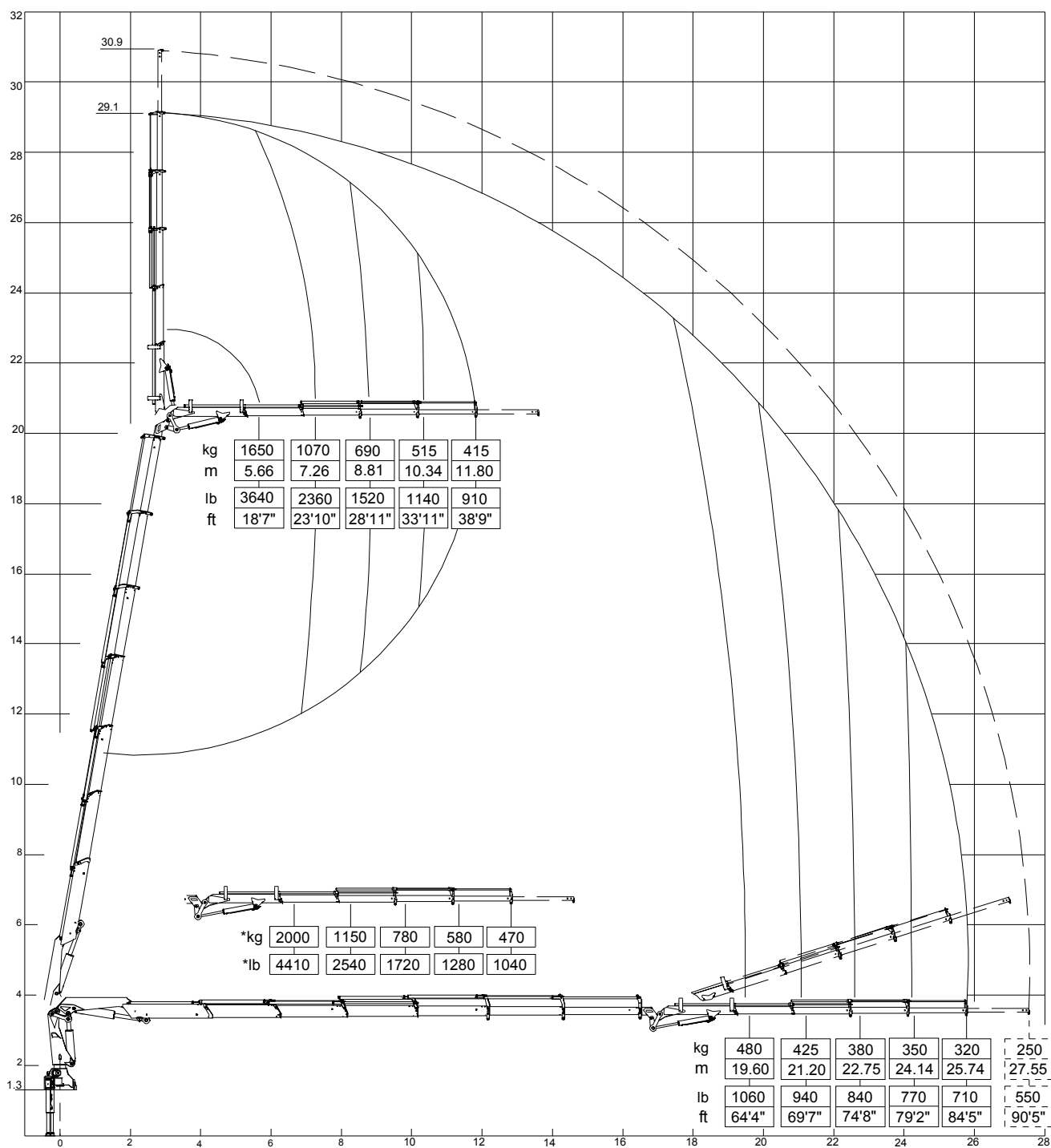


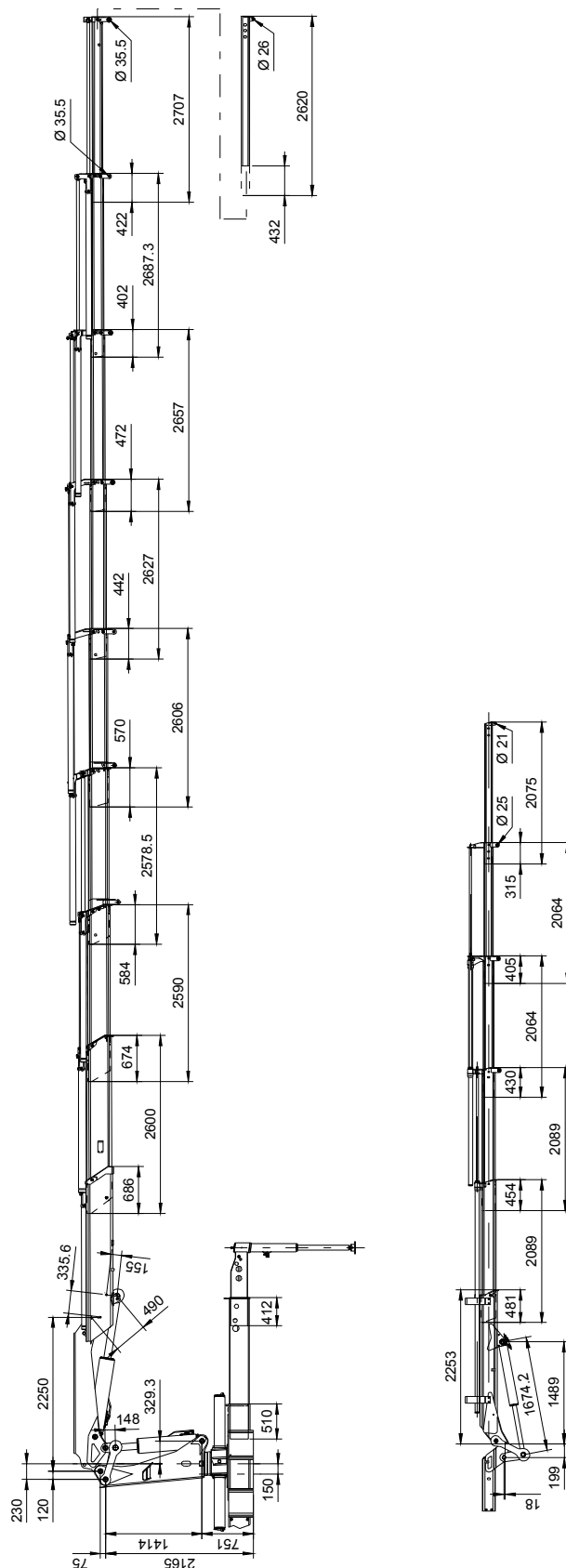
DIAGRAMMA PORTATE LOAD DIAGRAM 929-6S J0504



(*) Portata massima jib

(*) Maximum jib lifting capacity

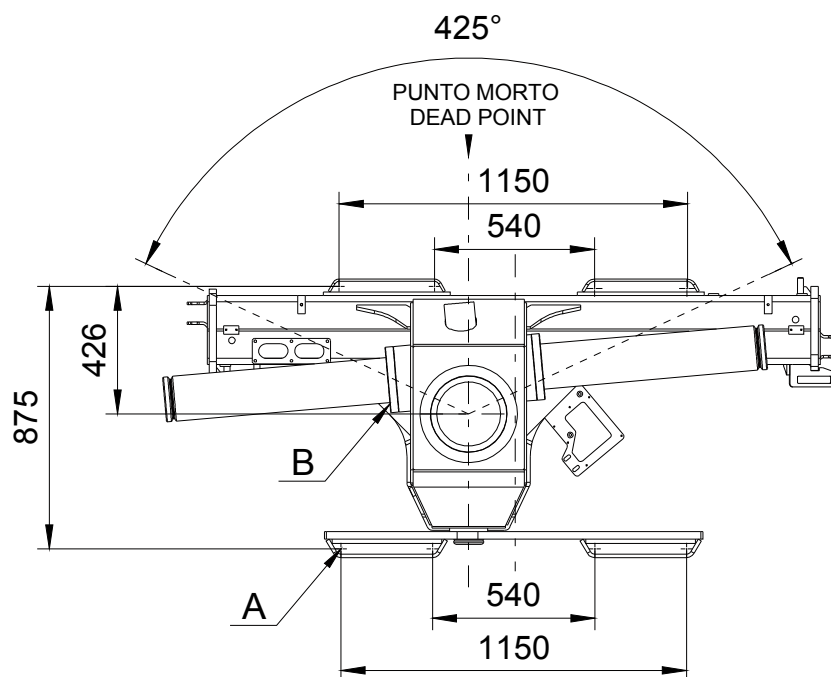
DIMENSIONI GRUPPO BRACCI
BOOM SYSTEM DIMENSIONS
929 8S / J0504



DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE

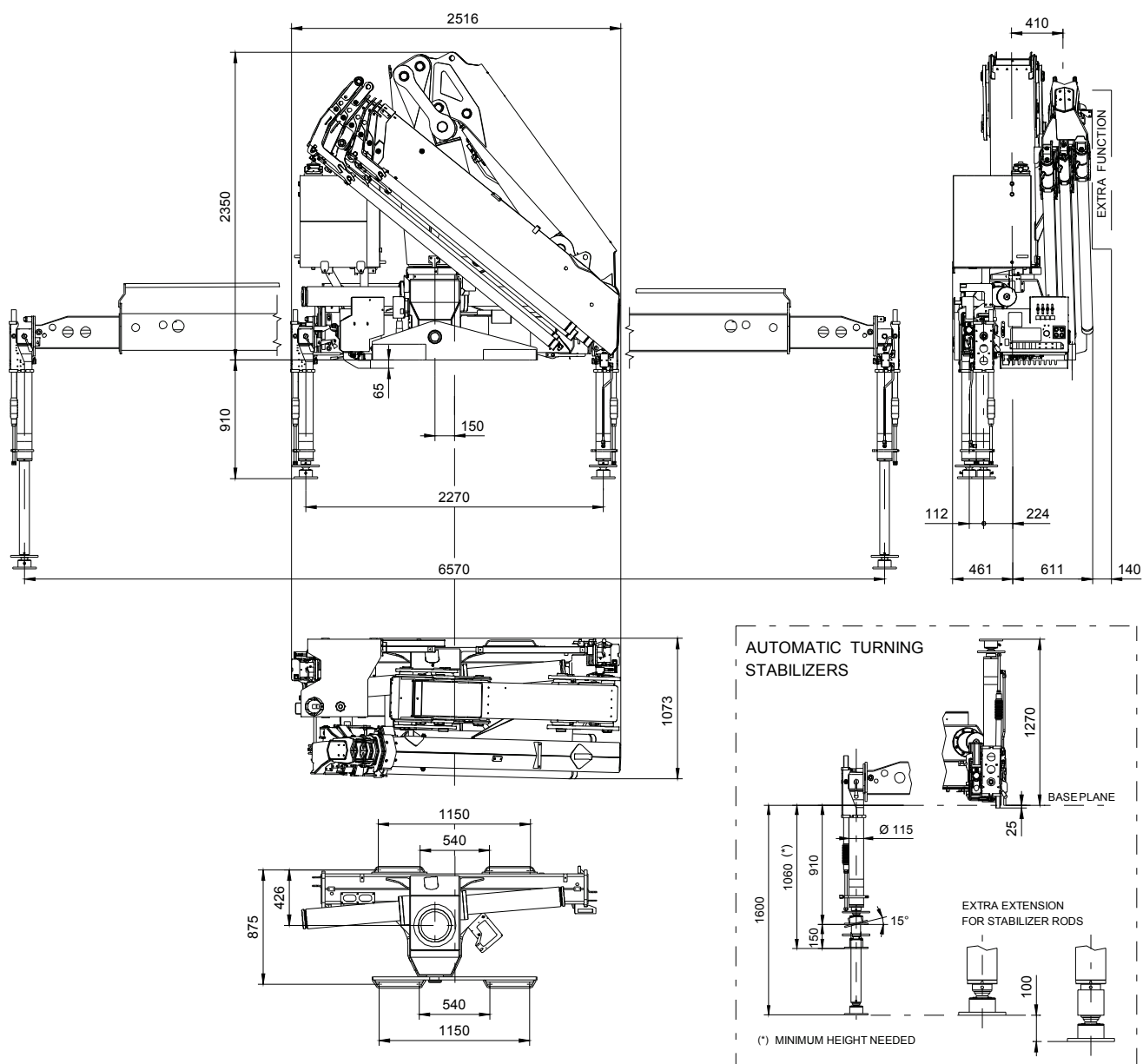
BASE DIMENSIONS, TIE RODS & ROTATION SCREWS

929



Ref	Componente Component	No	Misure Size	Materiale Grade	Coppia di serraggio Tightening torque
A	Tiranti di staffaggio Crane mounting bolts	8	M30x2 No.2 L=1000 No.6 L=1300	42CrMo4 Bonificato (QT)	700 Nm
B	Viti cilindro di rotazione Rotation cyl. mounting bolts	8	M16x2 L=50	12.9	235 Nm

DIMENSIONI BASAMENTO CON STABILIZZATORI ROTANTI AUTOMATICI DIMENSIONS BASE WITH AUTOMATIC TURNING STABILIZERS



DIMENSIONI MARTINETTI E PERNI CYLINDERS AND PINS DIMENSIONS

929

CILINDRO 1° BRACCIO**1st BOOM CYLINDER**

Diametro canna - <i>Barrel diameter</i>	215 - 185
Diametro stelo - <i>Rod diameter</i>	100 - 58
Interasse aperto - <i>Open length</i>	1737
Interasse chiuso - <i>Closed length</i>	1062
Corsa - <i>Stroke</i>	675
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	85 - 60
Materiale perno/i - <i>Pin steel</i>	39NiCrMo3 QT

CILINDRO 2° BRACCIO**2nd BOOM CYLINDER**

Diametro canna - <i>Barrel diameter</i>	215 - 185
Diametro stelo - <i>Rod diameter</i>	100 - 58
Interasse aperto - <i>Open length</i>	2151
Interasse chiuso - <i>Closed length</i>	1260
Corsa - <i>Stroke</i>	891
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	85 - 60
Materiale perno/i - <i>Pin steel</i>	39NiCrMo3 QT

CILINDRO 1° - 2° ESTENSIONE IDR.**1st - 2nd EXTENSION CYLINDER**

Diametro canna - <i>Barrel diameter</i>	85 - 70
Diametro stelo - <i>Rod diameter</i>	55 - 40
Interasse aperto - <i>Open length</i>	2002
Interasse chiuso - <i>Closed length</i>	132
Corsa - <i>Stroke</i>	1870
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	30
Materiale perno/i - <i>Pin steel</i>	C40

CILINDRO 3° - 4° ESTENSIONE IDR.**3rd - 4th EXTENSION CYLINDER**

Diametro canna - <i>Barrel diameter</i>	85 - 70
Diametro stelo - <i>Rod diameter</i>	50 - 35
Interasse aperto - <i>Open length</i>	2070
Interasse chiuso - <i>Closed length</i>	132
Corsa - <i>Stroke</i>	1950
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	30
Materiale perno/i - <i>Pin steel</i>	C40

CILINDRO 5° - 6° ESTENSIONE IDR.**5th - 6th EXTENSION CYLINDER**

Diametro canna - <i>Barrel diameter</i>	80 - 70
Diametro stelo - <i>Rod diameter</i>	45 - 30
Interasse aperto - <i>Open length</i>	2204
Interasse chiuso - <i>Closed length</i>	104
Corsa - <i>Stroke</i>	2100
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	25
Materiale perno/i - <i>Pin steel</i>	C40

CILINDRO 7° ESTENSIONE IDR.**7th EXTENSION CYLINDER**

Diametro canna - <i>Barrel diameter</i>	80 - 70
Diametro stelo - <i>Rod diameter</i>	40 - 25
Interasse aperto - <i>Open length</i>	2304
Interasse chiuso - <i>Closed length</i>	104
Corsa - <i>Stroke</i>	2200
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	25
Materiale perno/i - <i>Pin steel</i>	C40

CILINDRO 8° ESTENSIONE IDR.**8th EXTENSION CYLINDER**

Diametro canna - <i>Barrel diameter</i>	80 - 70
Diametro stelo - <i>Rod diameter</i>	40 - 25
Interasse aperto - <i>Open length</i>	2295
Interasse chiuso - <i>Closed length</i>	95
Corsa - <i>Stroke</i>	2200
Raccordi - <i>Fittings</i>	7/8 - 14
Ø perni articolazione - <i>Artic. pin Ø</i>	25
Materiale perno/i - <i>Pin steel</i>	C40

CILINDRO DI ROTAZIONE**ROTATION CYLINDER**

Diametro canna - <i>Barrel diameter</i>	150 - 130
Diametro stelo - <i>Rod diameter</i>	-
Interasse aperto - <i>Open length</i>	-
Interasse chiuso - <i>Closed length</i>	-
Corsa - <i>Stroke</i>	800
Raccordi - <i>Fittings</i>	-
Dp pignone - <i>Pinion primitive diameter</i>	216
Materiale cremagliera - <i>Rack steel</i>	C40

CILINDRO STABILIZZATORE SCORREVOLE**FIXED STABILIZER CYLINDER**

Diametro canna - <i>Barrel diameter</i>	115 - 100
Diametro stelo - <i>Rod diameter</i>	75 - 0
Interasse aperto - <i>Open length</i>	1468
Interasse chiuso - <i>Closed length</i>	732
Corsa - <i>Stroke</i>	736
Raccordi - <i>Fittings</i>	1/2 G
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

CILINDRO STABILIZZATORE GIREVOLE**TURNING STABILIZER CYLINDER**

Diametro canna - <i>Barrel diameter</i>	115 - 100
Diametro stelo - <i>Rod diameter</i>	75 - 0
Interasse aperto - <i>Open length</i>	1677
Interasse chiuso - <i>Closed length</i>	990
Corsa - <i>Stroke</i>	687
Raccordi - <i>Fittings</i>	3/4 - 16
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

DIMENSIONI MARTINETTI E PERNI CYLINDERS AND PINS DIMENSIONS J4

CILINDRO BRACCIO JIB*JIB BOOM CYLINDER*

Diametro canna - <i>Barrel diameter</i>	125 - 110
Diametro stelo - <i>Rod diameter</i>	60 - 0
Interasse aperto - <i>Open length</i>	1758
Interasse chiuso - <i>Closed length</i>	1016
Corsa - <i>Stroke</i>	742
Raccordi - <i>Fittings</i>	3/4 - 16
Ø perni articolazione - <i>Artic. pin Ø</i>	65 - 45
Materiale perno/i - <i>Pin steel</i>	42CrMo4 QT-C45

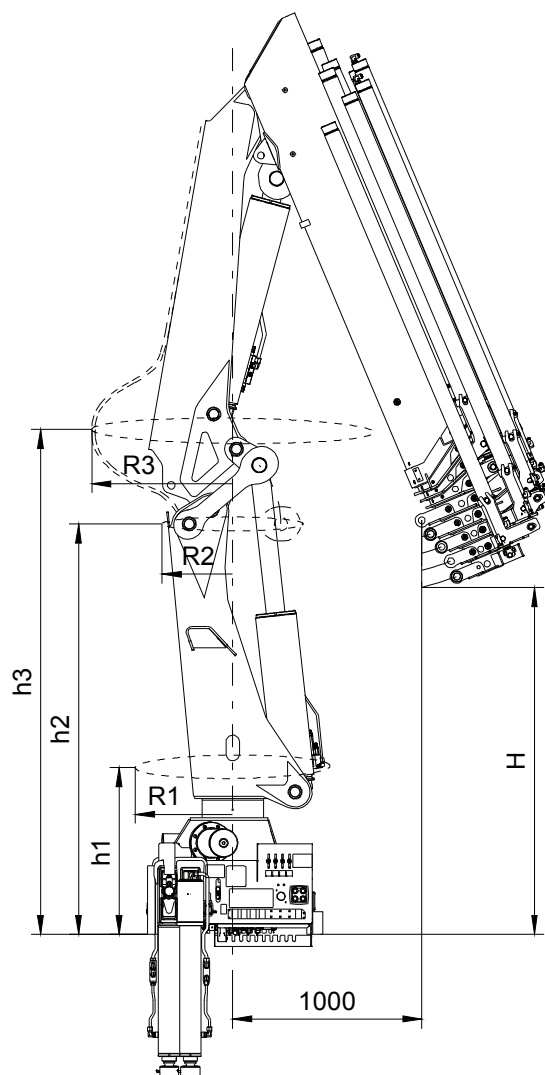
CILINDRO 1° - 2° - 3° ESTENSIONE IDR. JIB*1st - 2nd - 3rd - JIB EXTENSION CYLINDER*

Diametro canna - <i>Barrel diameter</i>	60 - 50
Diametro stelo - <i>Rod diameter</i>	35 - 25
Interasse aperto - <i>Open length</i>	1710
Interasse chiuso - <i>Closed length</i>	150
Corsa - <i>Stroke</i>	1560
Raccordi - <i>Fittings</i>	1/4 G
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

CILINDRO 4° ESTENSIONE IDR. JIB*4th - JIB EXTENSION CYLINDER*

Diametro canna - <i>Barrel diameter</i>	60 - 50
Diametro stelo - <i>Rod diameter</i>	35 - 0
Interasse aperto - <i>Open length</i>	1710
Interasse chiuso - <i>Closed length</i>	150
Corsa - <i>Stroke</i>	1560
Raccordi - <i>Fittings</i>	1/4 G
Ø perni articolazione - <i>Artic. pin Ø</i>	-
Materiale perno/i - <i>Pin steel</i>	-

ALTEZZA GANCIO E INGOMBRI DI ROTAZIONE HOOK HEIGHT AND OVERALL ROTATION DIMENSIONS

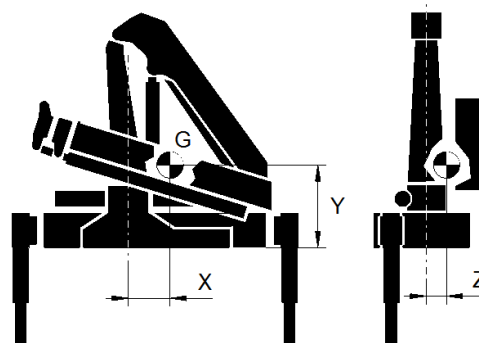
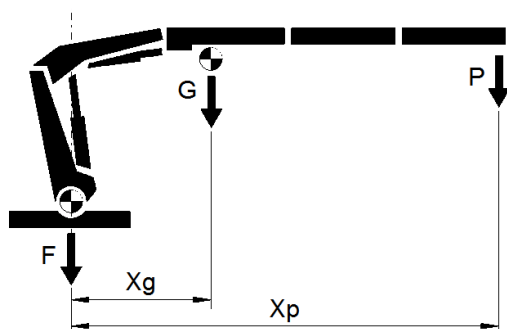


Vers.	H [mm]
2S	2185
3S	2185
4S	2185
5S	2100
6S	2015
7S	1920
8S	1830

	[mm]
R1	515
h1	880
R2	360
h2	2165
R3	745
h3	2650

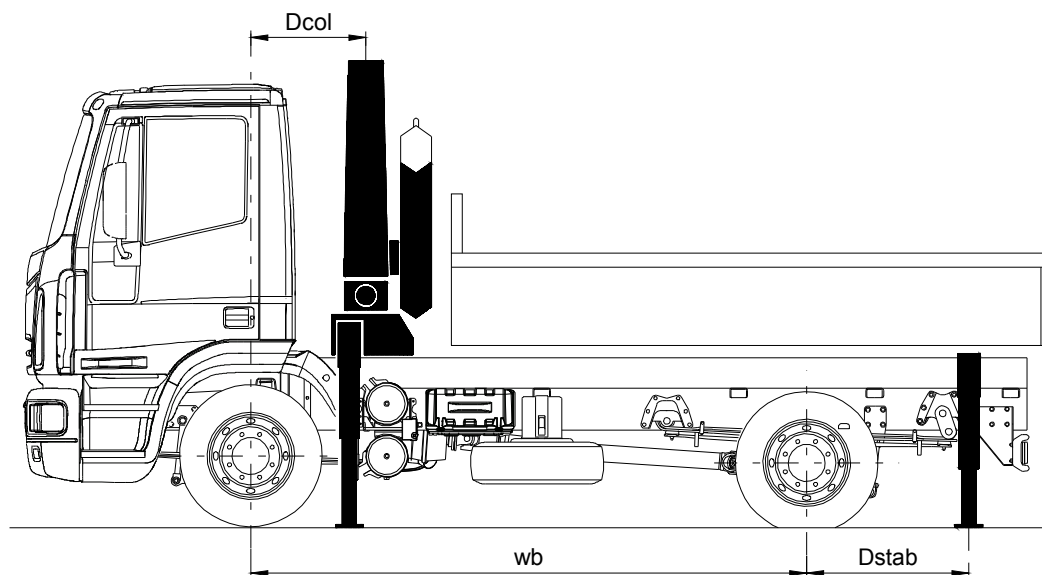
PESI, BARICENTRI E CARICHI DI PROVA

WEIGHTS, CENTERS OF GRAVITY AND TEST LOADS



929		F kg	G kg	Xg m	P kg	Xp m	TL kg	(X; Y; Z) mm
2S	STD: 1970 GIRAUT: 2030		1135	3.15	3210	8.20	4013	(223; 729; 3)
3S			1295	3.85	2430	10.20	3038	(223; 745; 25)
4S			1450	4.55	1900	12.15	2389	(217; 760; 40)
5S			1590	5.30	1480	14.33	1894	(211; 774; 54)
6S			1715	6.00	1160	16.52	1517	(202; 788; 68)
7S			1830	6.70	900	18.81	1210	(195; 801; 81)
8S			1930	7.40	710	21.09	987	(189; 834; 91)
6S J0504			2290	9.30	320	25.74	448	(198; 938; 117)

AUTOCARRO MINIMO CON STABILIZZATORI SUPPL. MIN TRUCK WITH SUPPLEMENTARY STABILIZERS 929 8S



wb = 4200 mm
Dcol = 1250 mm
Dstab = 900 mm

DATI TELAIO AUTOCARRO CHASSIS DATA

PTT GVW	18000 kg
Tara asse anteriore Tare mass on front axle	4208 kg
Tara asse posteriore Tare mass on rear axle	1932 kg
Carico massimo ammesso asse anteriore Max permissible front axle massload	7500 kg

PESI ALLESTIMENTO OUTFIT WEIGHTS

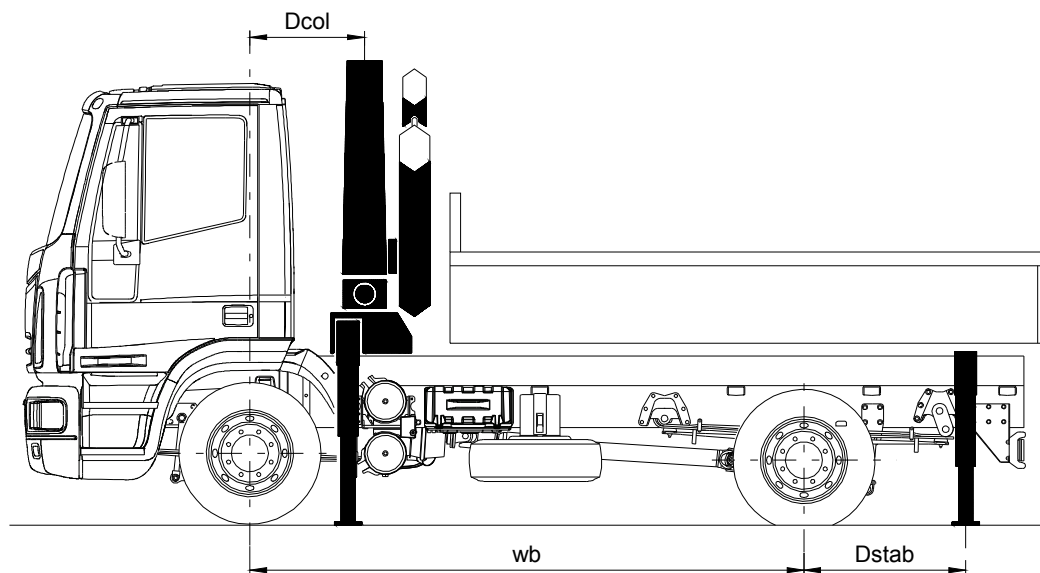
Peso cassone Body weight	350 kg
Peso gru (929 8S) Crane weight (929 8S)	3900 kg
Peso controtelaio Counterframe weight	625 kg

STABILIZZATORI SUPPLEMENTARI ADDITIONAL STABILIZERS

Peso Weight	530 kg
Interasse aperto Open width	5000 mm

COEFFICIENTE DI STABILITÀ STABILITY INDEX	1.40
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AUTOCARRO MINIMO CON STABILIZZATORI SUPPL. MIN TRUCK WITH SUPPLEMENTARY STABILIZERS 929-6S J0504



wb = 4800 mm
Dcol = 1250 mm
Dstab = 900 mm

DATI TELAIO AUTOCARRO CHASSIS DATA

PTT GVW	18000 kg
Tara asse anteriore Tare mass on front axle	4220 kg
Tara asse posteriore Tare mass on rear axle	1998 kg
Carico massimo ammesso asse anteriore Max permissible front axle massload	7500 kg

PESI ALLESTIMENTO OUTFIT WEIGHTS

Peso cassone Body weight	430 kg
Peso gru (929 6S J0504) Crane weight (929 6S J0504)	4260 kg
Peso controtelaio Counterframe weight	676 kg

STABILIZZATORI SUPPLEMENTARI ADDITIONAL STABILIZERS

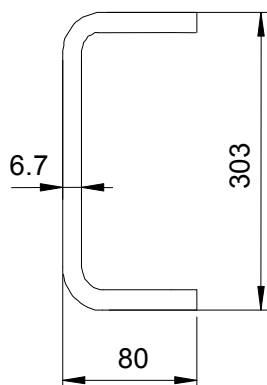
Peso Weight	530 kg
Interasse aperto Open width	5000 mm

COEFFICIENTE DI STABILITÀ STABILITY INDEX	1.40
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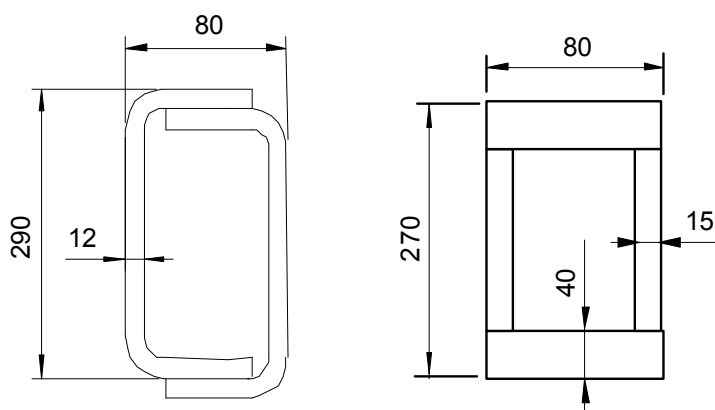
CONTROTELAIO PER AUTOCARRO MINIMO
COUNTERFRAME FOR MIN TRUCK

Momento dinamico max (daNm) <i>Max dynamic moment</i>	31900
Fattore di distribuzione del momento dinamico <i>Distribution factor of dynamic moment</i>	$\beta = 0.67$

Sezione minima telaio autocarro (PTT = 19000 kg)
Min truck frame section (GVW = 19000 kg)



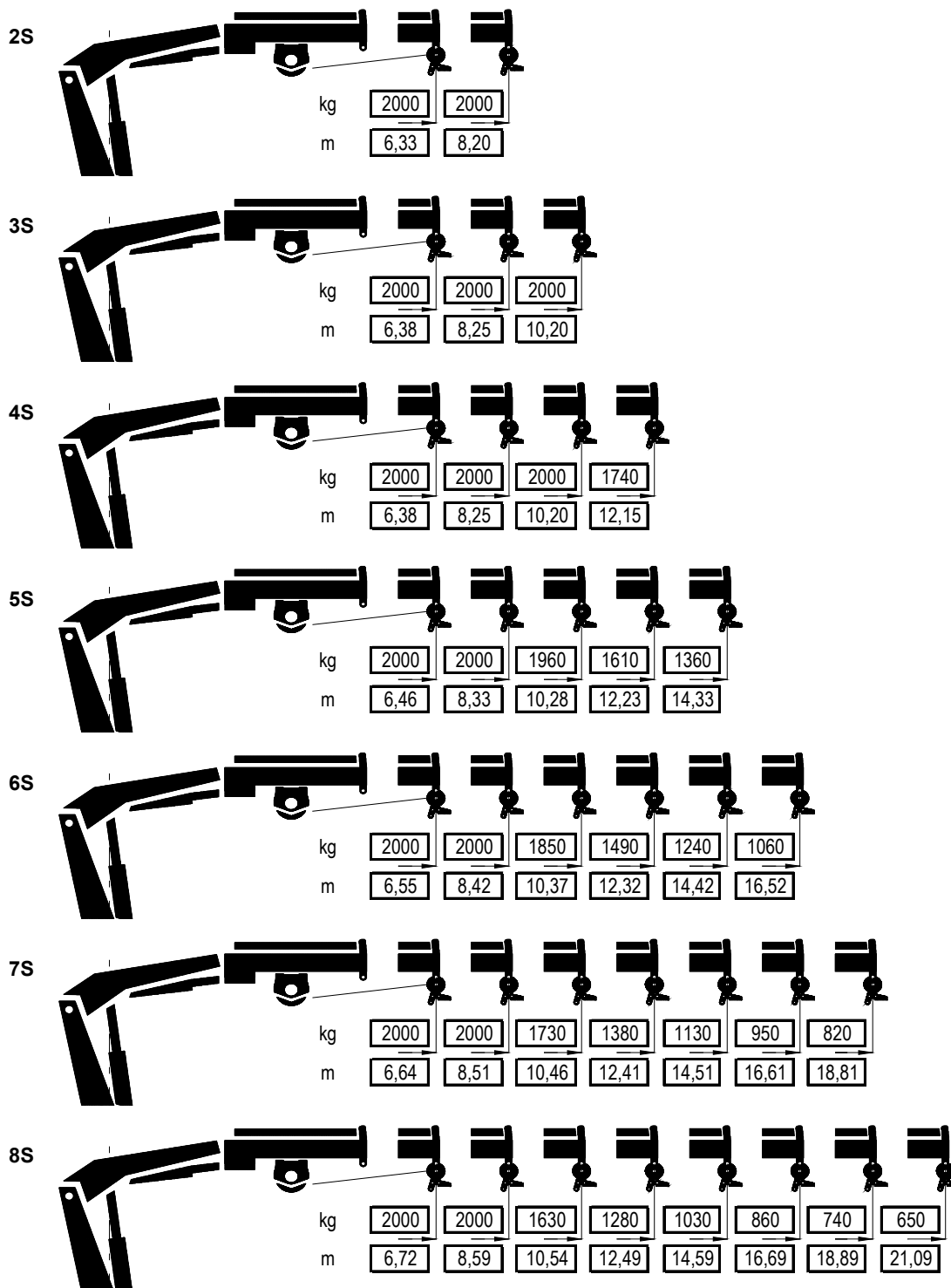
Sezione controtelaio per telaio minimo (acciaio S355)
Counterframe section for min truck frame (steel S355)



VERRICELLO IDRAULICO
HYDRAULIC WINCH

Max tiro diretto per gru con bracci orizzontali
Max direct pull for crane with horizontal booms

2000 kg



BENNA - POLIPO
GRAB - BUCKET

Peso max ammissibile dell'attrezzo <i>Max allowable tool weight</i>	420 kg
Pressione max. di esercizio <i>Max working pressure</i>	200 bar

