

817C

RACCOLTA TECNICA **TECHNICAL BOOK**



CARATTERISTICHE GENERALI
TECHNICAL DATA

	817C
Momento dinamico max (daNm) Max dynamic moment	20500

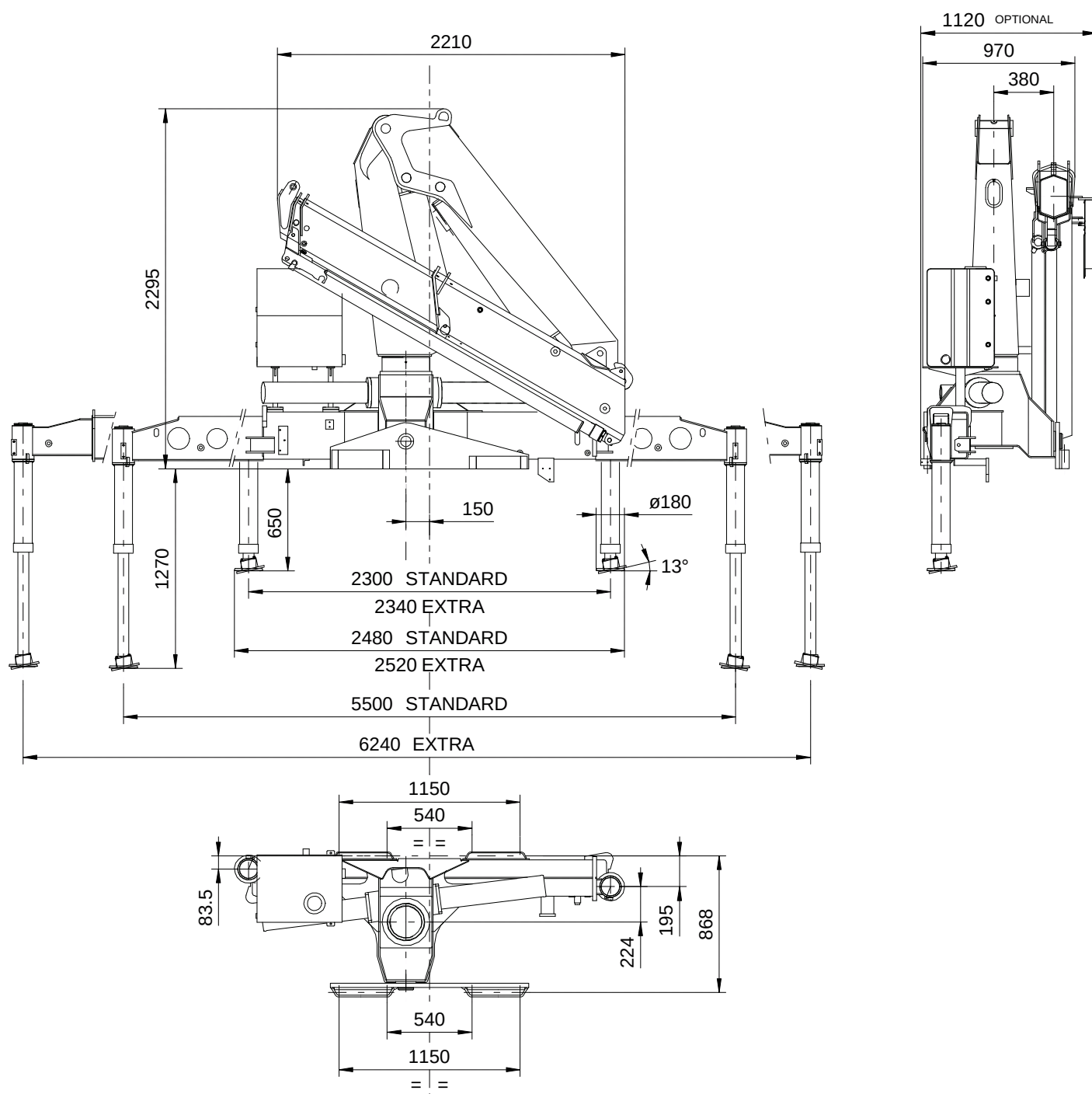
	Versione	817C
Portata max (kg) Max load	2S	7170
	3S	7000
	4S	6880
	5S	6700
	6S	6600

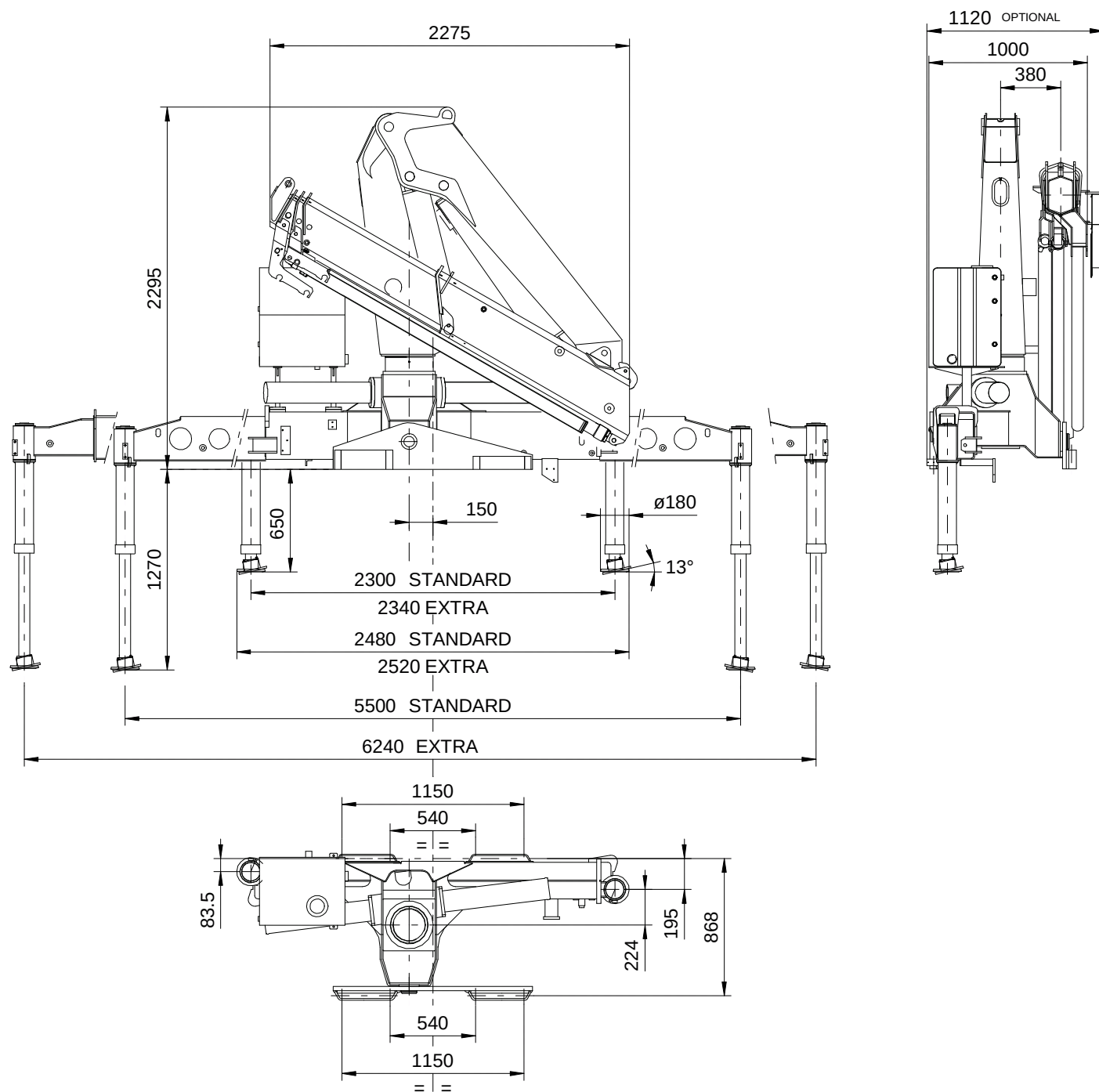
	Versione	STD	EX
Massa in ordine di lavoro (kg) Crane weight	2S	2200	2270
	3S	2320	2390
	4S	2440	2510
	5S	2550	2620
	6S	2630	2700

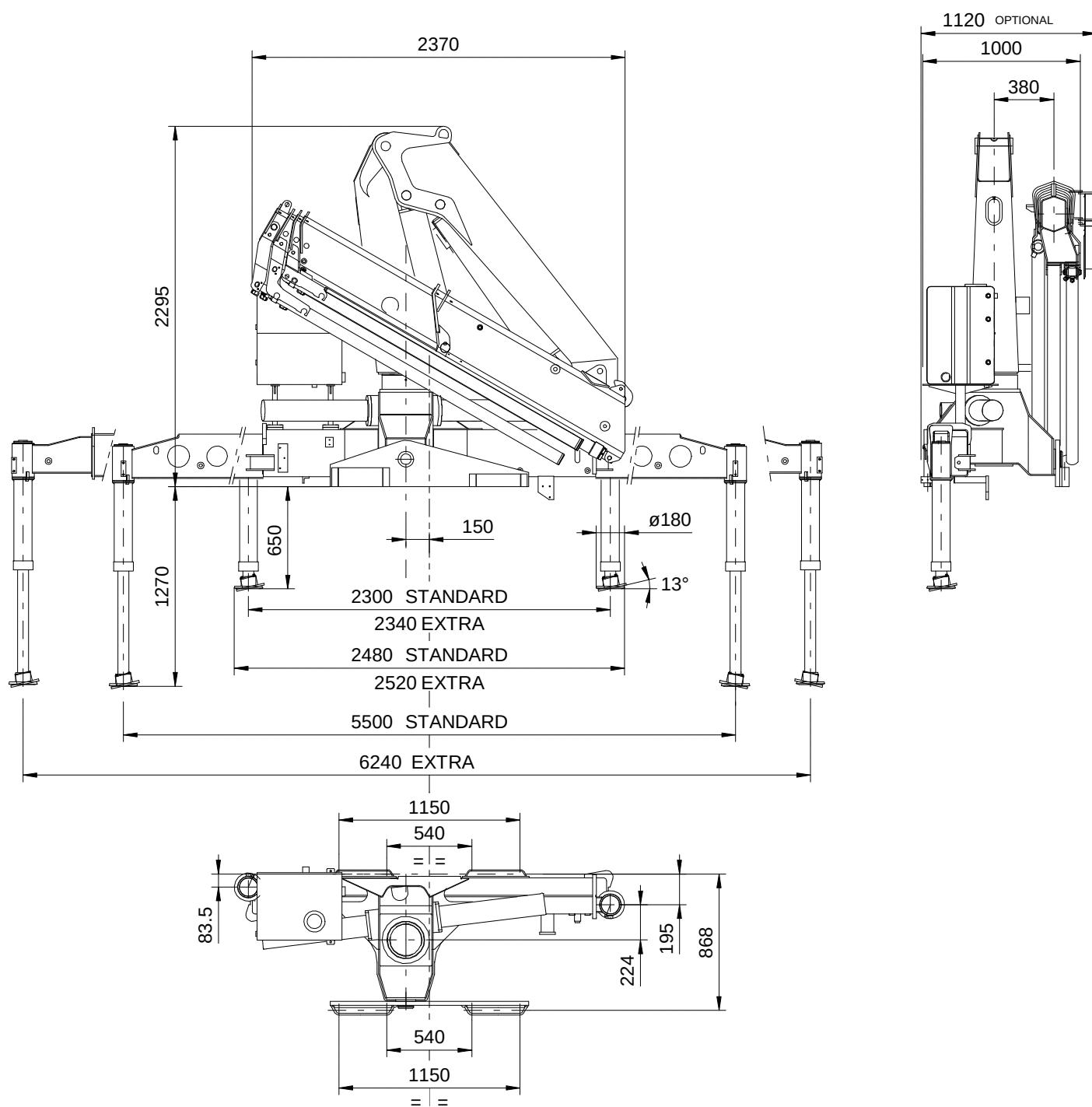
Reazione massima sullo stabilizzatore standard Max force on the standard stabilizer leg	8300 daN
Carico massimo trasmesso al suolo da stabilizzatori standard Max standard stabilizer pressure on the ground	32 daN/cm ²
Reazione massima sullo stabilizzatore extra Max force on the standard stabilizer extra	8000 daN
Carico massimo trasmesso al suolo da stabilizzatori extra Max extra stabilizer pressure on the ground	31 daN/cm ²
Pressione massima di esercizio Max working pressure	310 bar
Portata massima di olio Max oil flow to main relief valve	32 dm ³ /min
Capacità serbatoio olio Oil tank capacity	130 dm ³
Coppia di rotazione Slewing moment	2150 daNm
Angolo di rotazione Slewing angle	387°
Potenza assorbita Absorbed power	19 kW 26 HP
Normativa di calcolo Design standard	DIN 15018 EN 12999

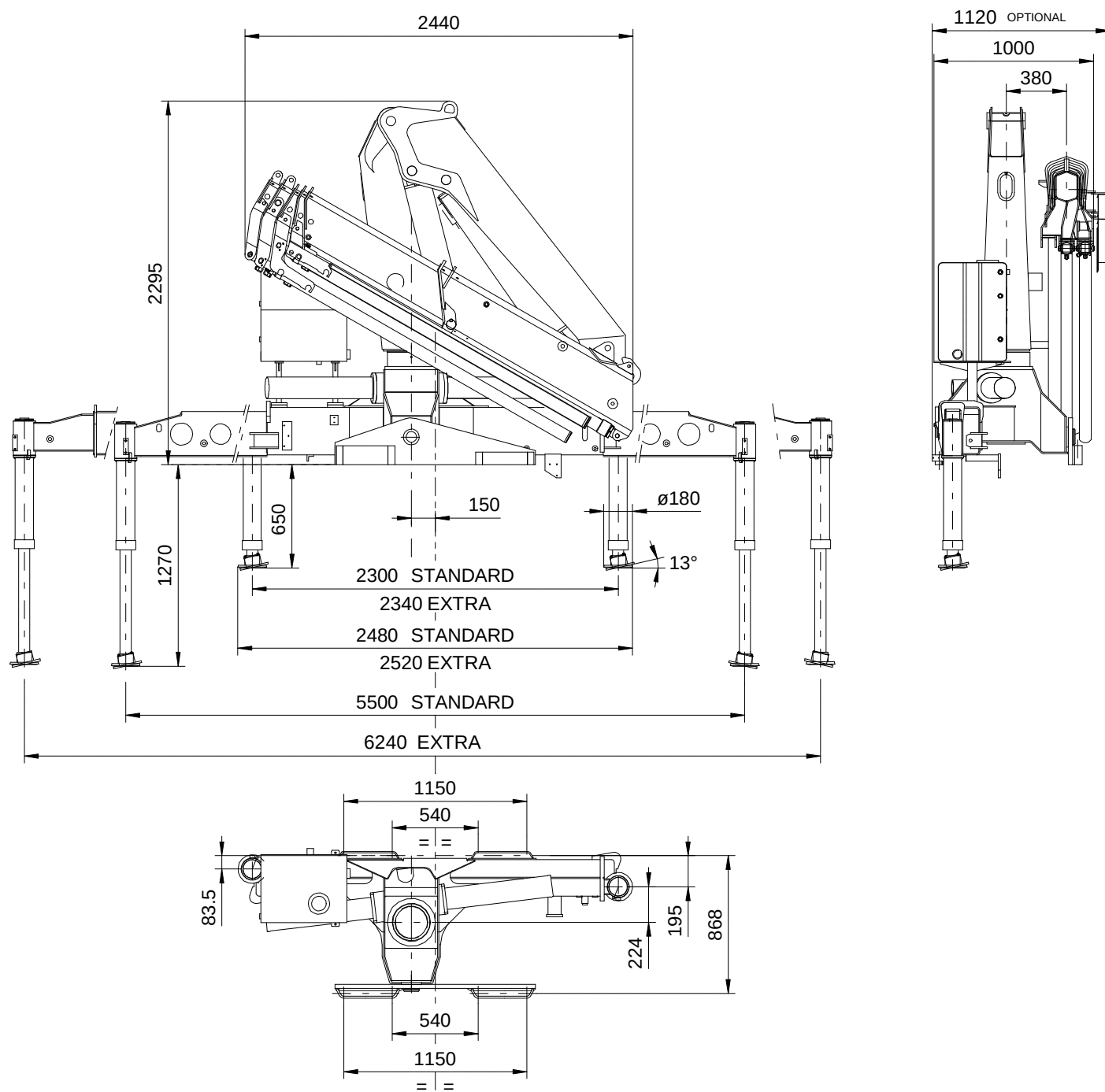
Raccordi di collegamento con pompa Fittings for connection with pump		NO RDC	RDC
Linea di pressione distributore Control valve pressure line		M7/8" - 14 JIC	M7/8" - 14 JIC
Linea di aspirazione serbatoio Tank suction line		F1" 1/2 BSP	F1" 1/2 BSP

DIMENSIONI DI INGOMBRO DIMENSIONS 817C 2S



**DIMENSIONI DI INGOMBRO
DIMENSIONS
817C 3S**

**DIMENSIONI DI INGOMBRO
DIMENSIONS
817C 4S**

**DIMENSIONI DI INGOMBRO
DIMENSIONS
817C 5S**

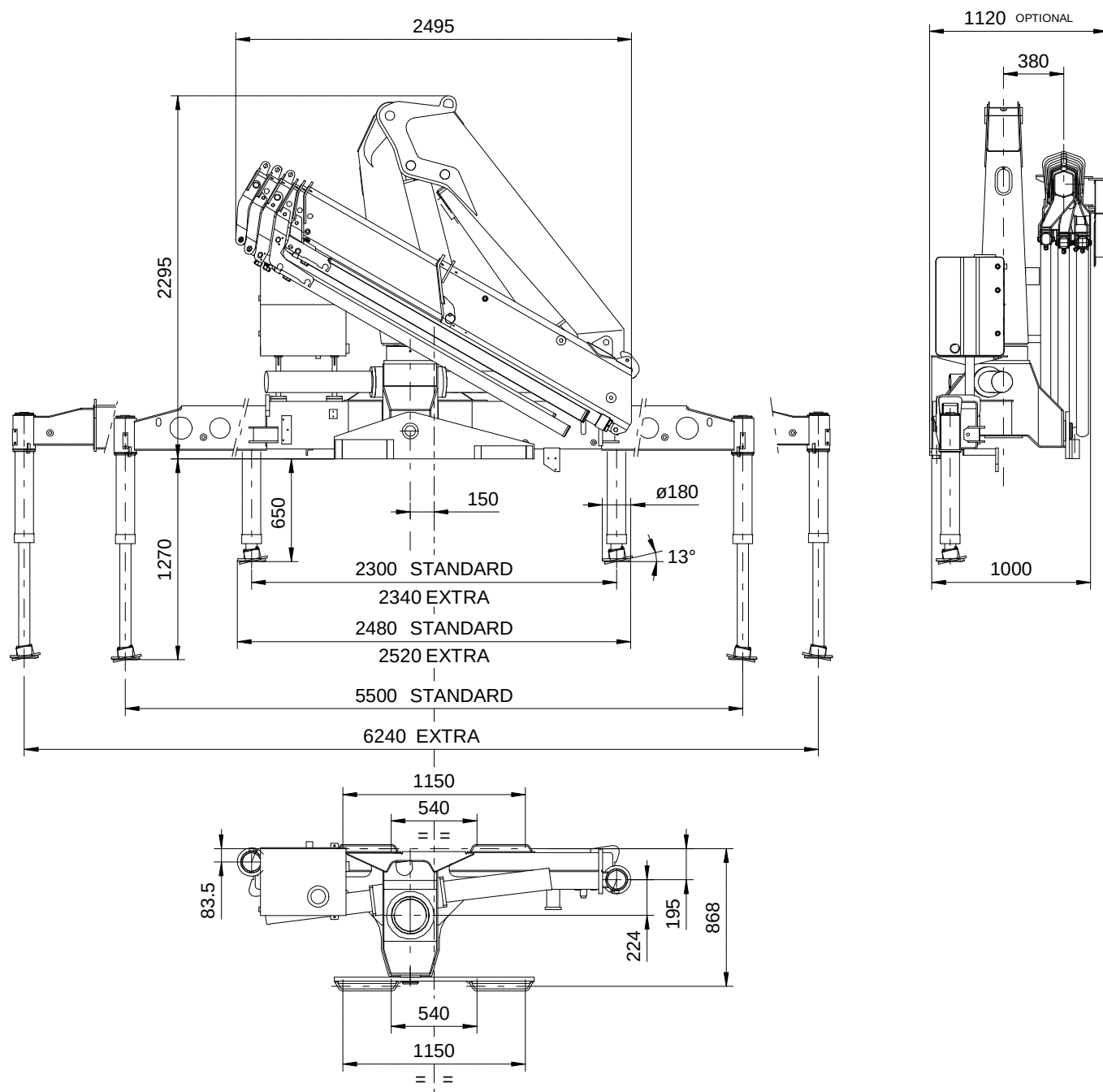
**DIMENSIONI DI INGOMBRO
DIMENSIONS
817C 6S**

DIAGRAMMA PORTATE LOAD DIAGRAM 817C 2S

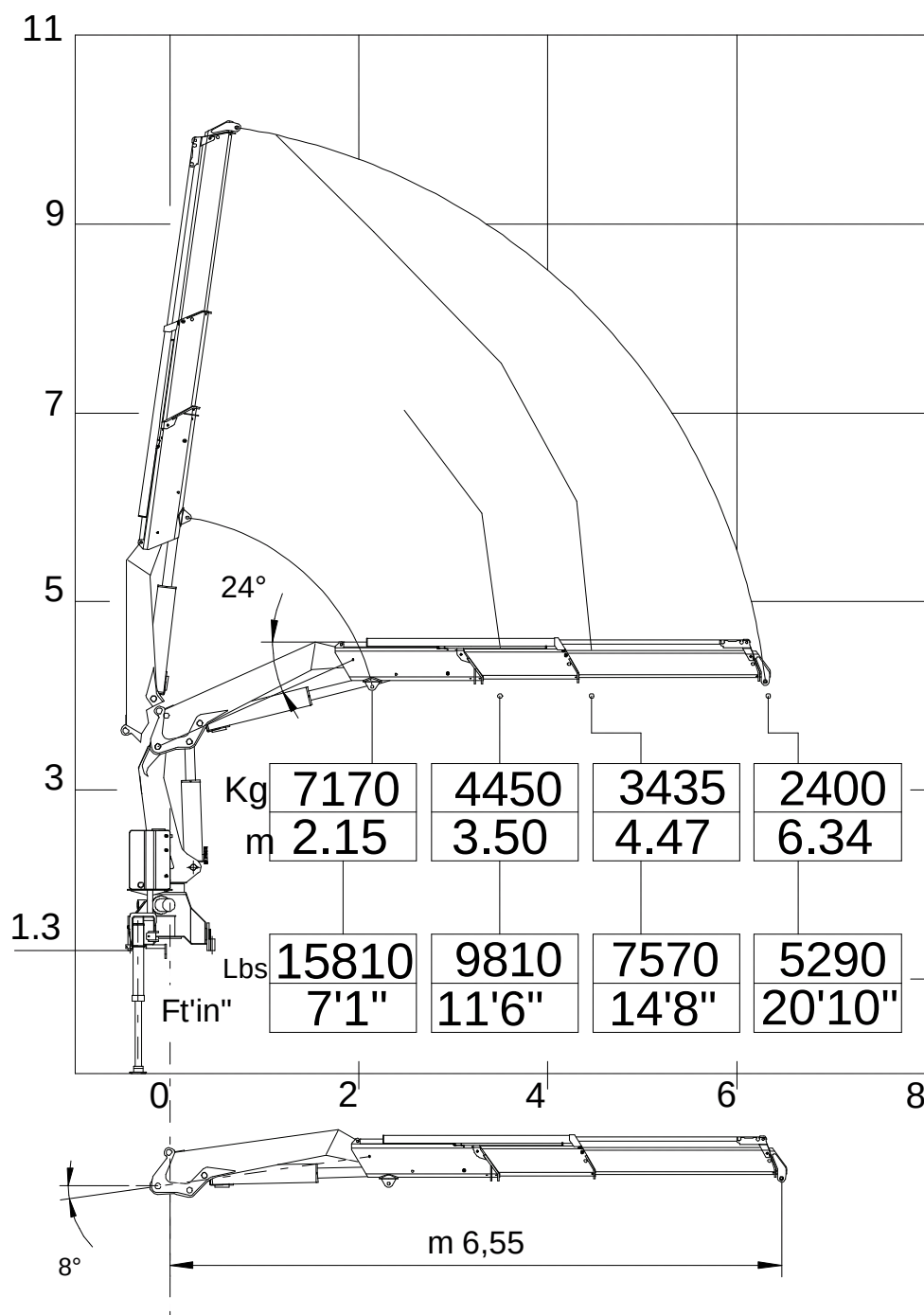


DIAGRAMMA PORTATE LOAD DIAGRAM 817C 3S

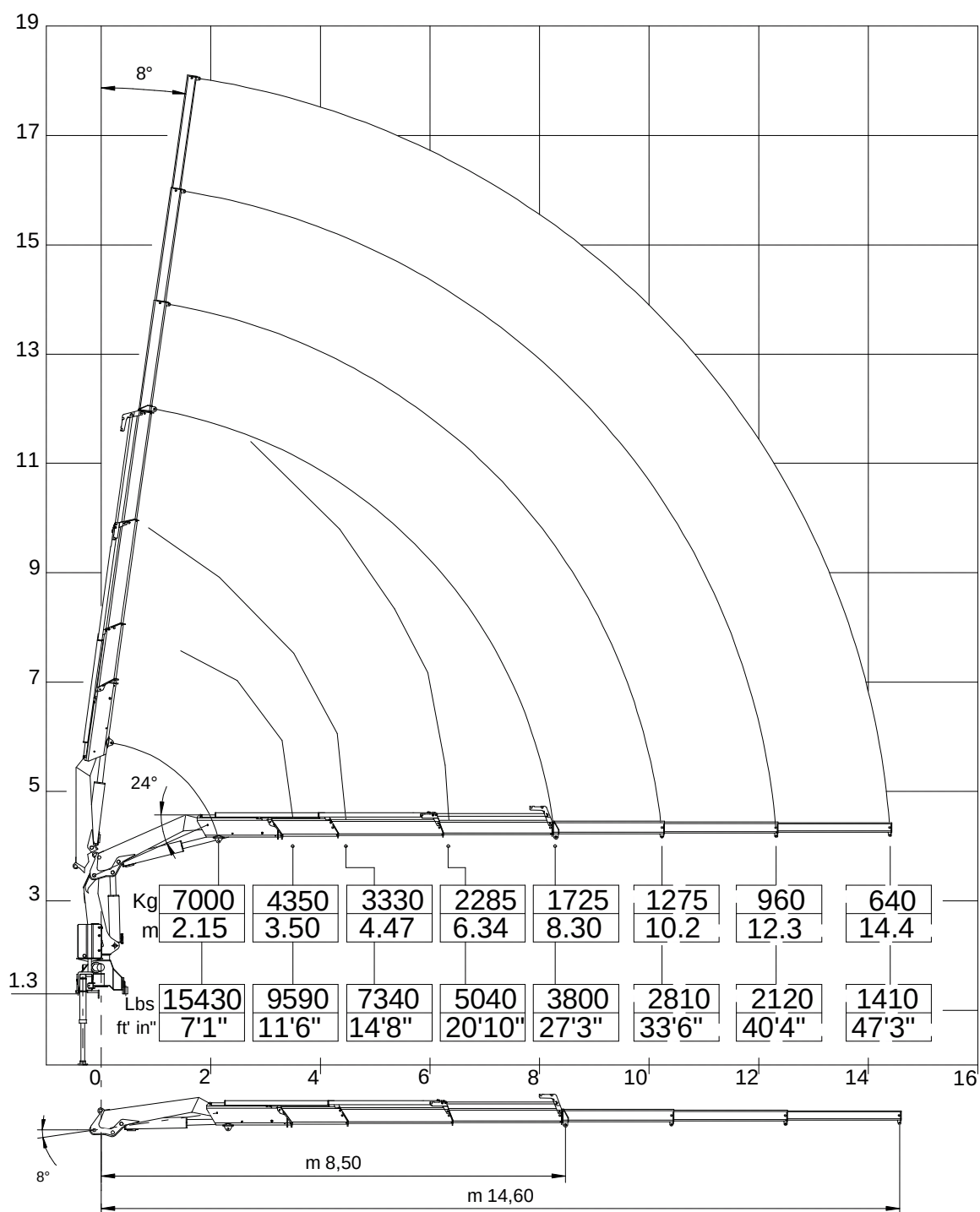


DIAGRAMMA PORTATE LOAD DIAGRAM 817C 4S

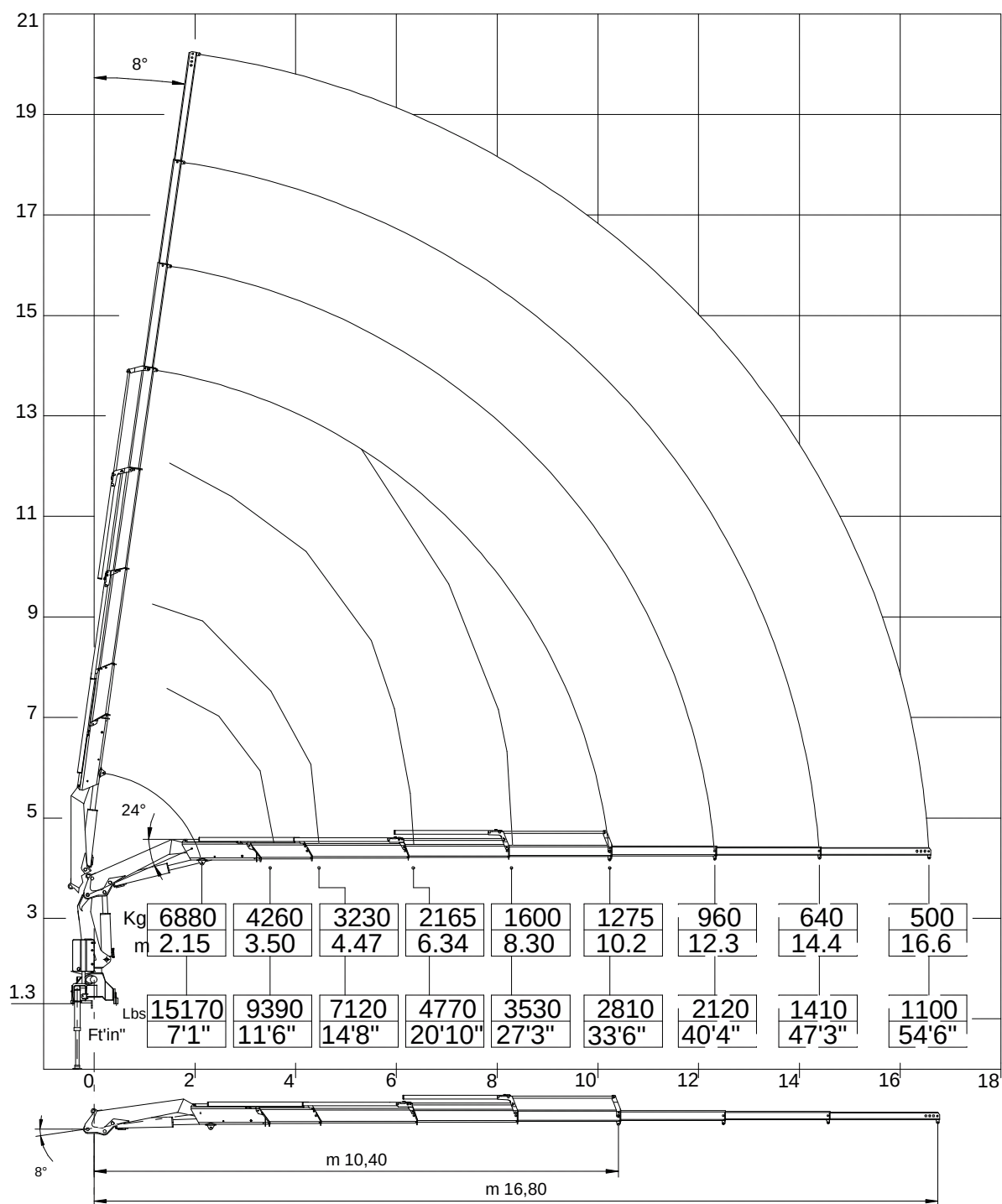


DIAGRAMMA PORTATE LOAD DIAGRAM 817C 5S

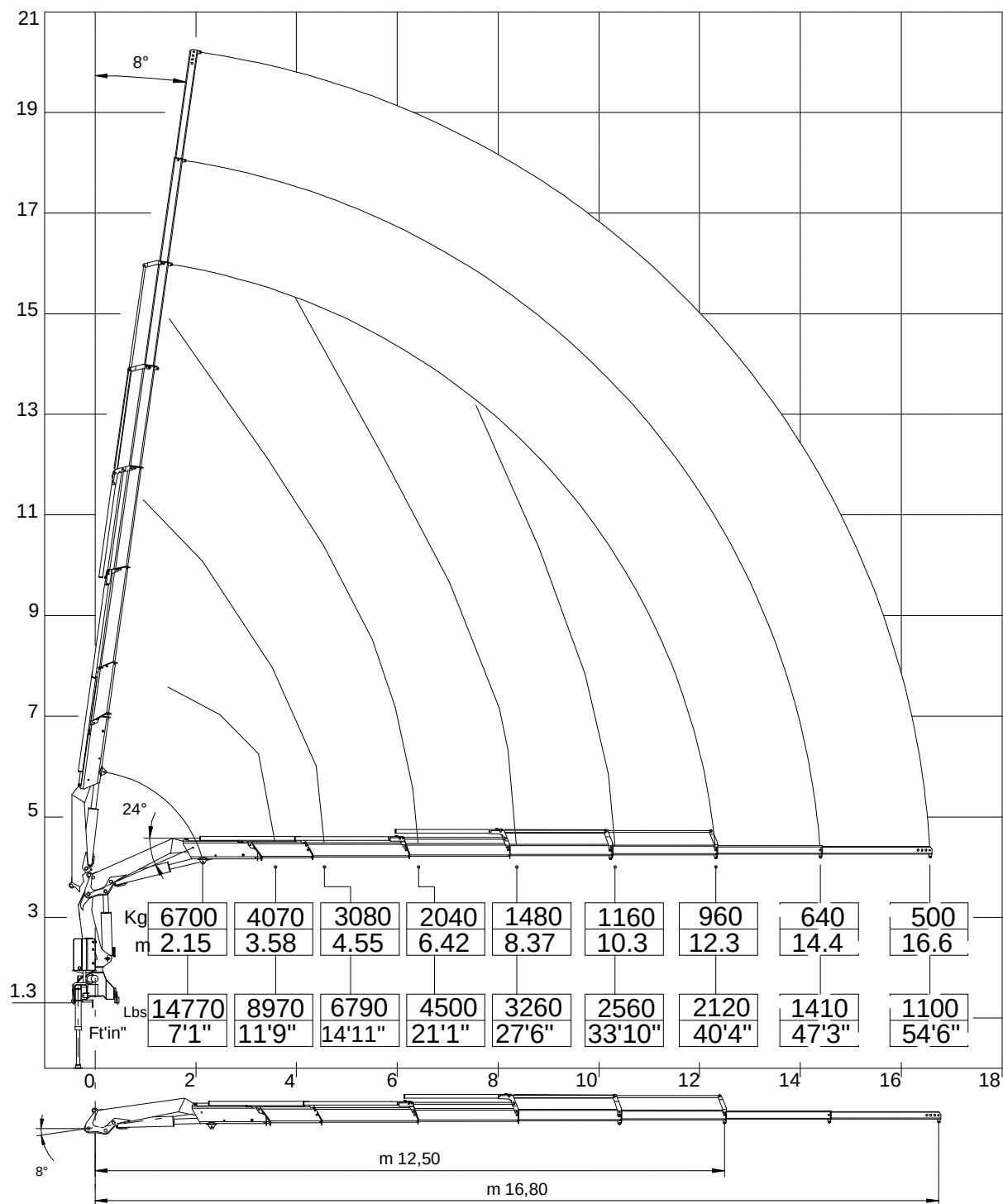
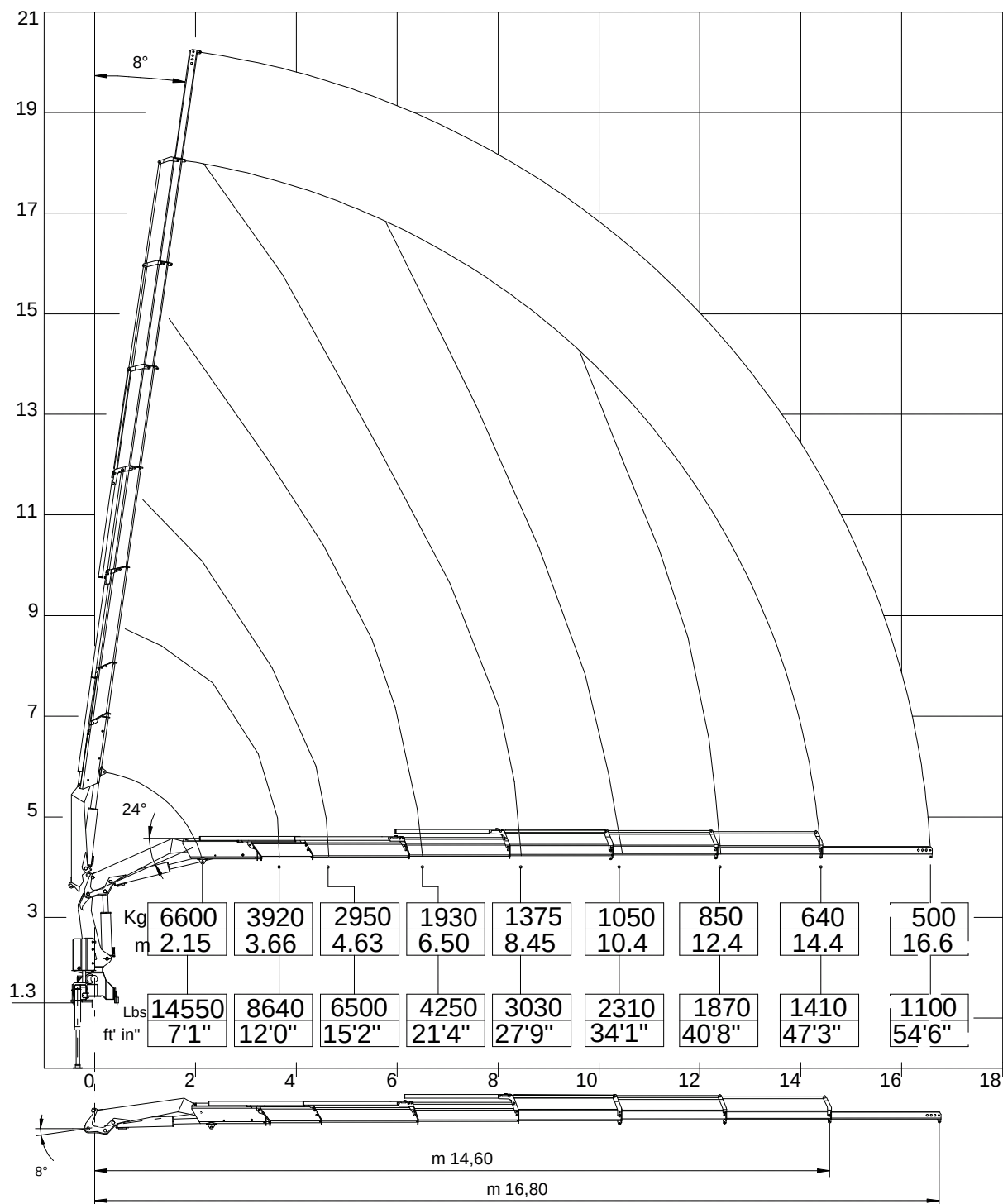
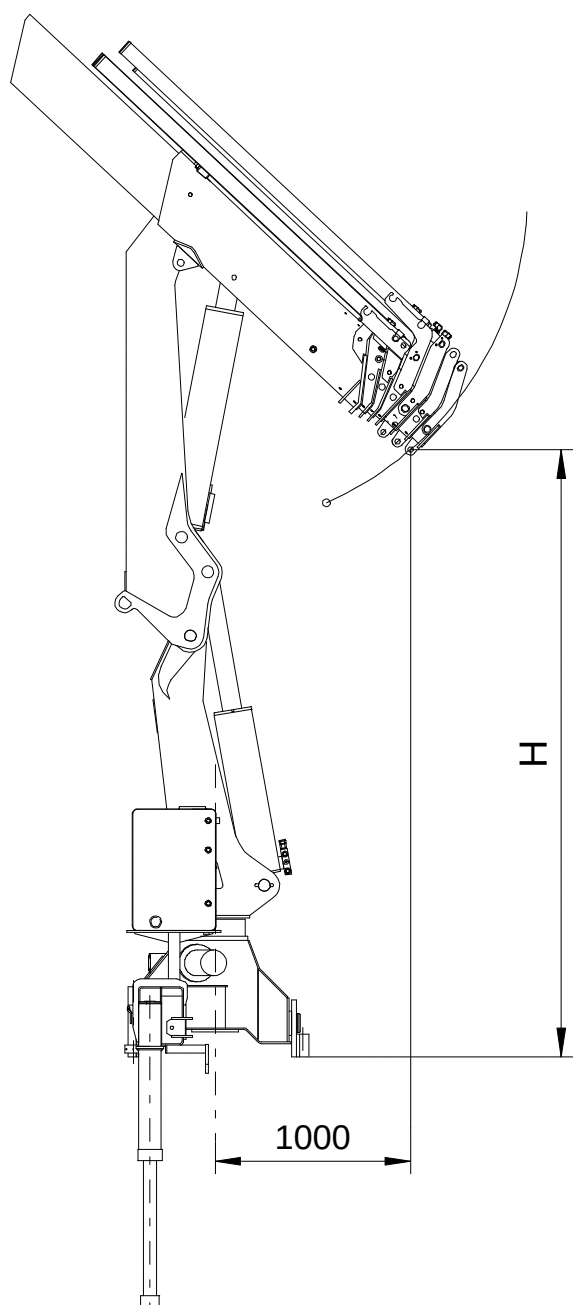


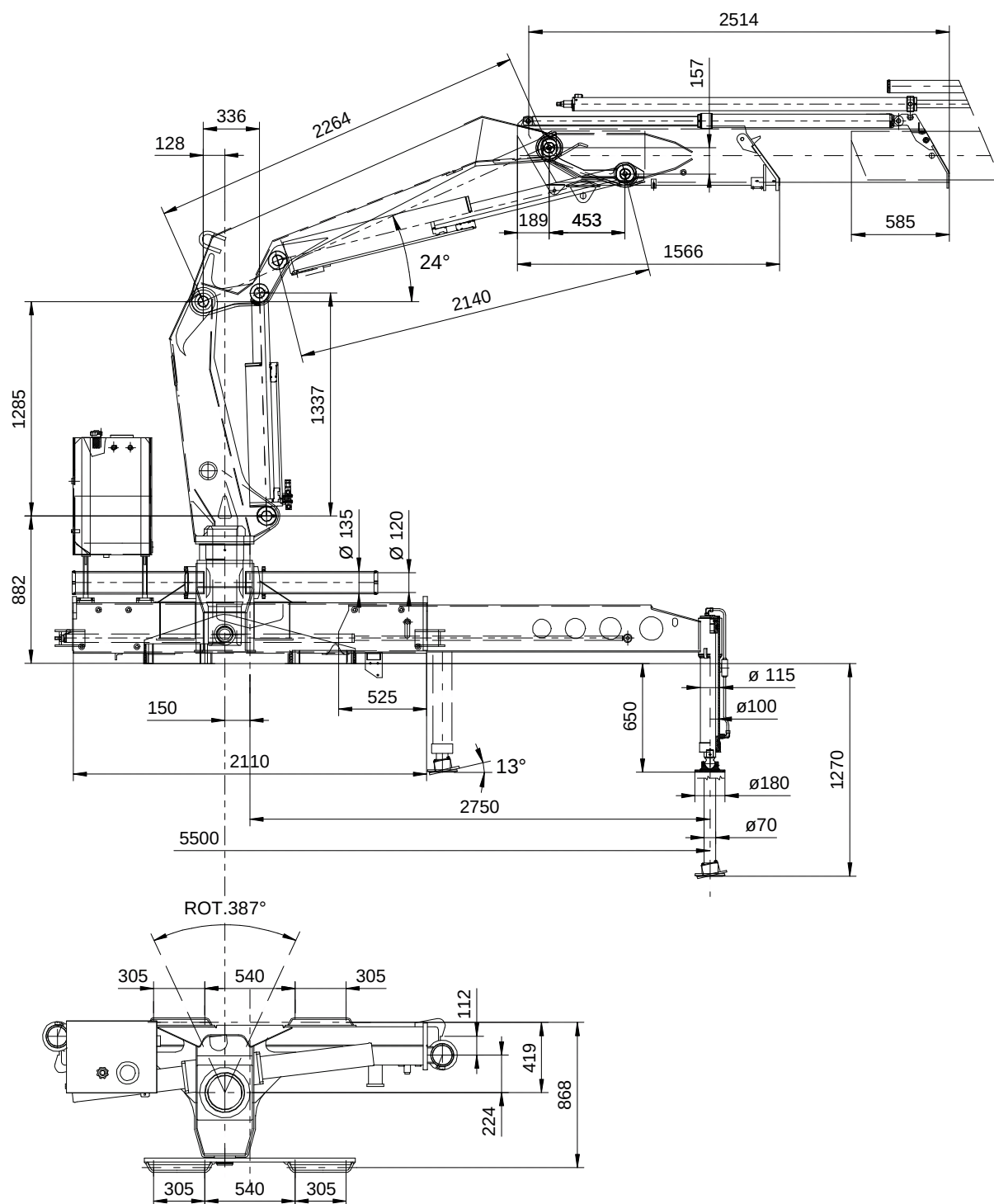
DIAGRAMMA PORTATE LOAD DIAGRAM 817C 6S



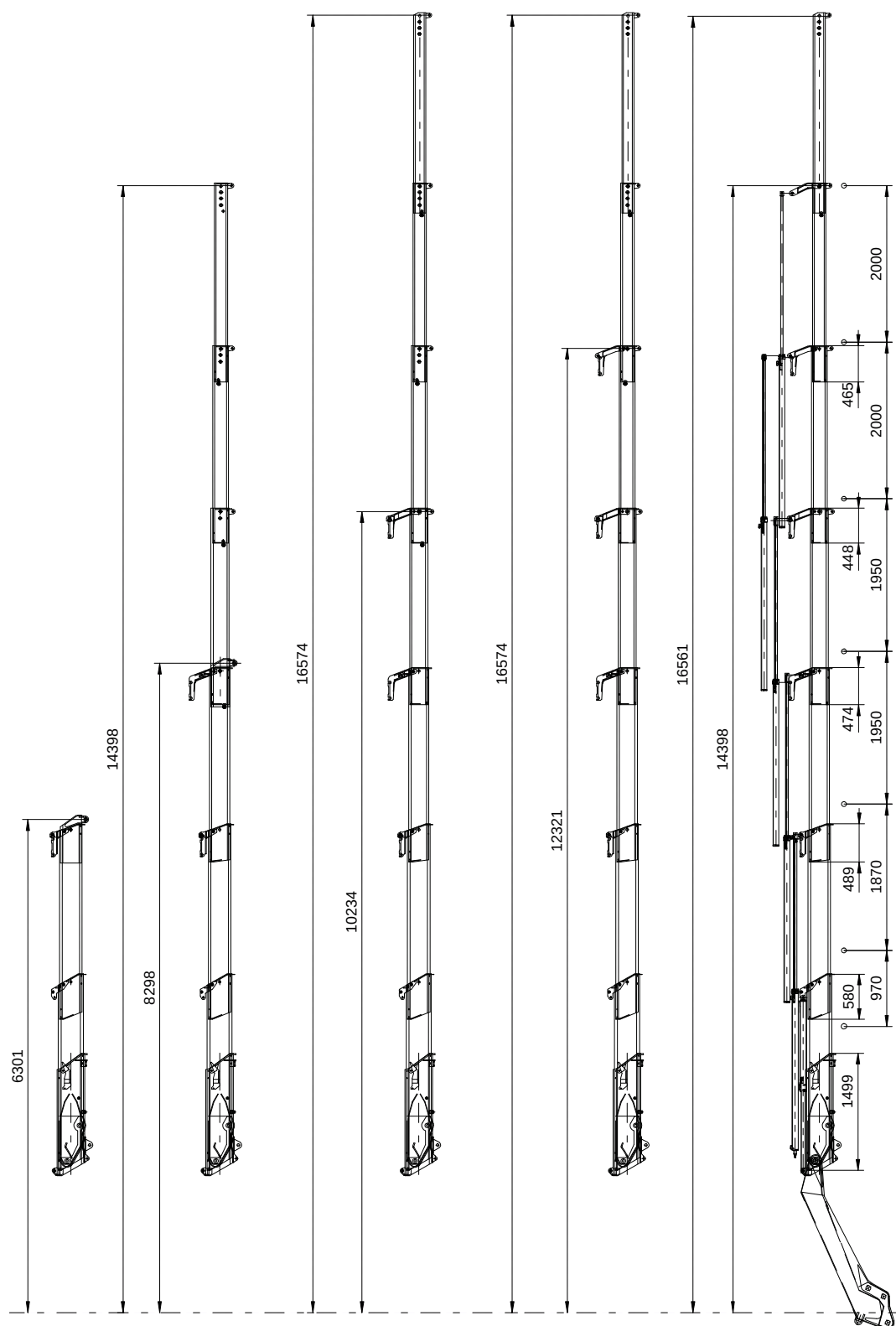
**ALTEZZA ATTACCO GANCIO
HOOK HEIGHT**

	H (mm)
2S	3215
3S	3215
4S	3215
5S	3165
6S	3125

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



DIMENSIONALE BRACCI BOOM DIMENSION



DIMENSIONI CILINDRI E PERNI

CYLINDERS AND PINS DIMENSIONS

CILINDRO DI SOLLEVAMENTO LIFTING CYLINDER

Alesaggio - Cylinder bore	150
Diametro esterno - Cyl. ext. diameter	175
Diametro stelo - Rod diameter	80 - 0
Interasse aperto - Pitch (open)	1639
Interasse chiuso - Pitch (closed)	1001
Corsa - Stroke	638
Raccordi - Fittings	7/8" - 14
Ø perni articolazione - Artic. pin Ø	60
Materiale perno/i - Pin steel	39NiCrMo3 BNF

CILINDRO DI ARTICOLAZIONE ARTICULATION CYLINDER

Alesaggio - Cylinder bore	150
Diametro esterno - Cyl. ext. diameter	175
Diametro stelo - Rod diameter	80 - 0
Interasse aperto - Pitch (open)	2198
Interasse chiuso - Pitch (closed)	1280
Corsa - Stroke	918
Raccordi - Fittings	7/8" - 14
Ø perno fissaggio - Fixing pin Ø	60
Mat. perno/i - Pin steel	39NiCrMo3 BNF

CILINDRO 1° SFILO 1ST EXTENSION CYL.

Alesaggio - Cylinder bore	70
Diametro esterno - Cyl. ext. diameter	80
Diametro stelo - Rod diameter	50 - 0
Interasse aperto - Pitch (open)	2214
Interasse chiuso - Pitch (closed)	2144
Corsa - Stroke	970
Raccordi - Fittings	7/8" - 14
Ø perni articolazione - Artic. pin Ø	25
Materiale perno/i - Pin steel	39NiCrMo3 BNF

CILINDRO 2° SFILO 2ND EXTENSION CYL.

Alesaggio - Cylinder bore	70
Diametro esterno - Cyl. ext. diameter	80
Diametro stelo - Rod diameter	45 - 30
Interasse aperto - Pitch (open)	2009
Interasse chiuso - Pitch (closed)	139
Corsa - Stroke	1870
Raccordi - Fittings	7/8" - 14
Ø perno fissaggio - Fixing pin Ø	25
Mat. perno/i - Pin steel	39NiCrMo3 BNF

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

Alesaggio - Cylinder bore	65
Diametro esterno - Cyl. ext. diameter	75
Diametro stelo - Rod diameter	40 - 25
Interasse aperto - Pitch (open)	2094.5
Interasse chiuso - Pitch (closed)	144.5
Corsa - Stroke	1950
Raccordi - Fittings	7/8" - 14
Ø perni articolazione - Artic. pin Ø	25
Materiale perno/i - Pin steel	39NiCrMo3 BNF

CILINDRO 5° SFILO 5TH EXTENSION CYL.

Alesaggio - Cylinder bore	60
Diametro esterno - Cyl. ext. diameter	70
Diametro stelo - Rod diameter	35 - 25
Interasse aperto - Pitch (open)	2104
Interasse chiuso - Pitch (closed)	104
Corsa - Stroke	2000
Raccordi - Fittings	7/8" - 14
Ø perno fissaggio - Fixing pin Ø	25
Mat. perno/i - Pin steel	39NiCrMo3 BNF

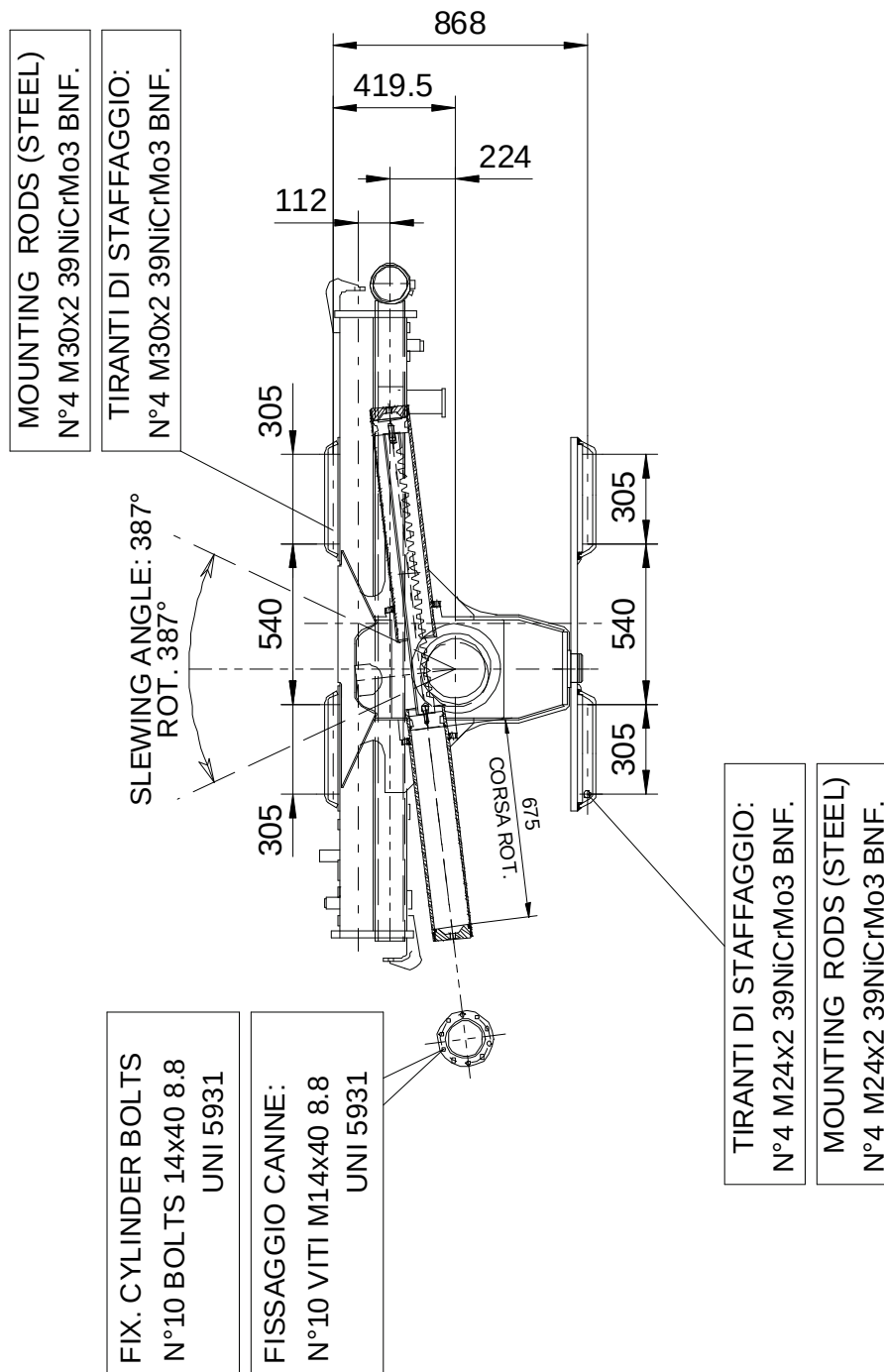
CILINDRO 6° SFILO 6TH EXTENSION CYL.

Alesaggio - Cylinder bore	60
Diametro esterno - Cyl. ext. diameter	70
Diametro stelo - Rod diameter	30 - 0
Interasse aperto - Pitch (open)	2100
Interasse chiuso - Pitch (closed)	100
Corsa - Stroke	2000
Raccordi - Fittings	7/8" - 14
Ø perni articolazione - Artic. pin Ø	25
Materiale perno/i - Pin steel	39NiCrMo3 BNF

CILINDRO DI ROTAZIONE ROTATION CYLINDER

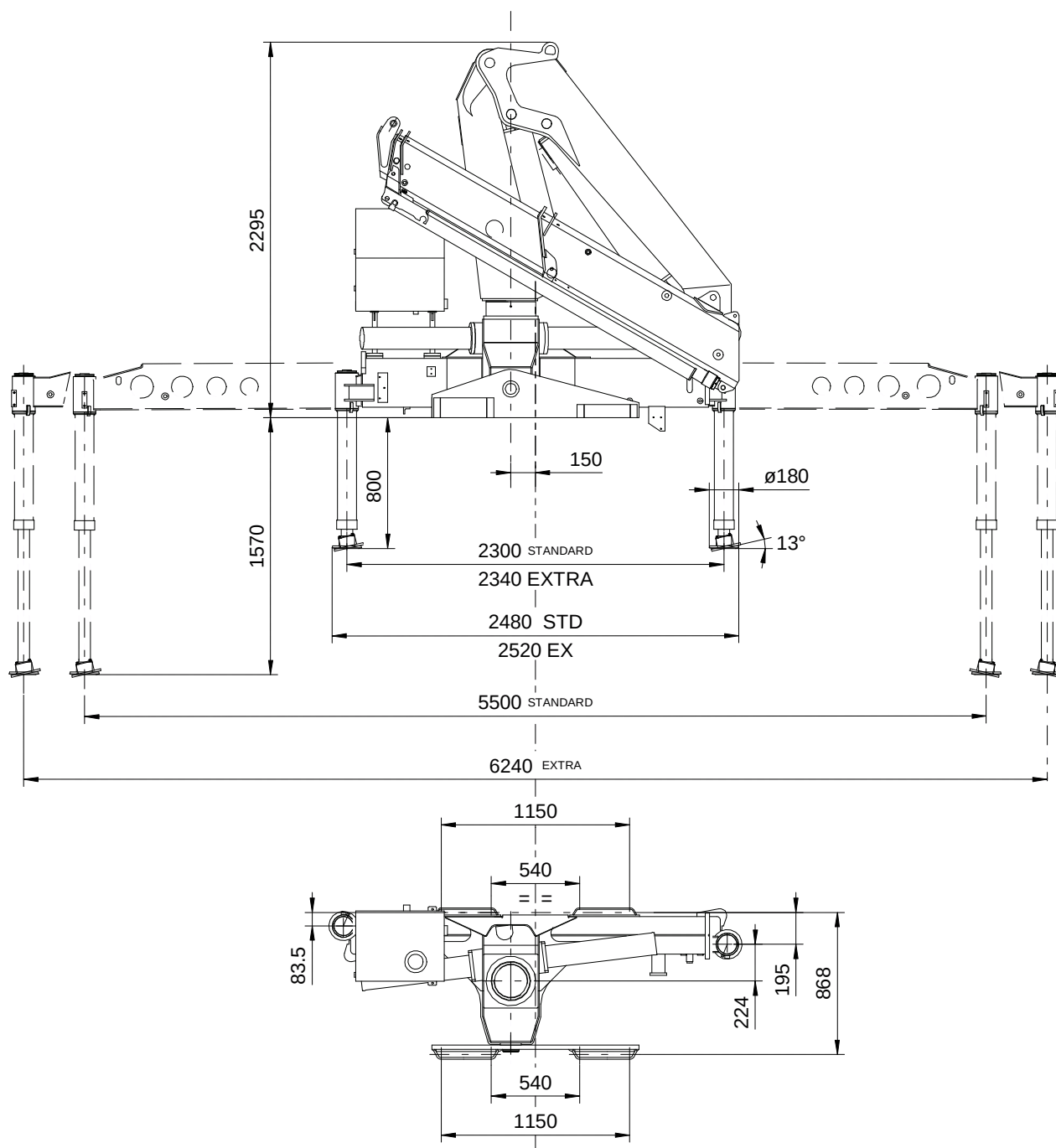
Alesaggio - Cylinder bore	120
Diametro esterno - Cyl. ext. diameter	133
Diametro stelo - Rod diameter	-
Interasse aperto - Pitch (open)	-
Interasse chiuso - Pitch (closed)	-
Corsa - Stroke	675
Raccordi - Fittings	-
Ø perni articolazione - Artic. pin Ø	-
Materiale perno/i - Pin steel	-

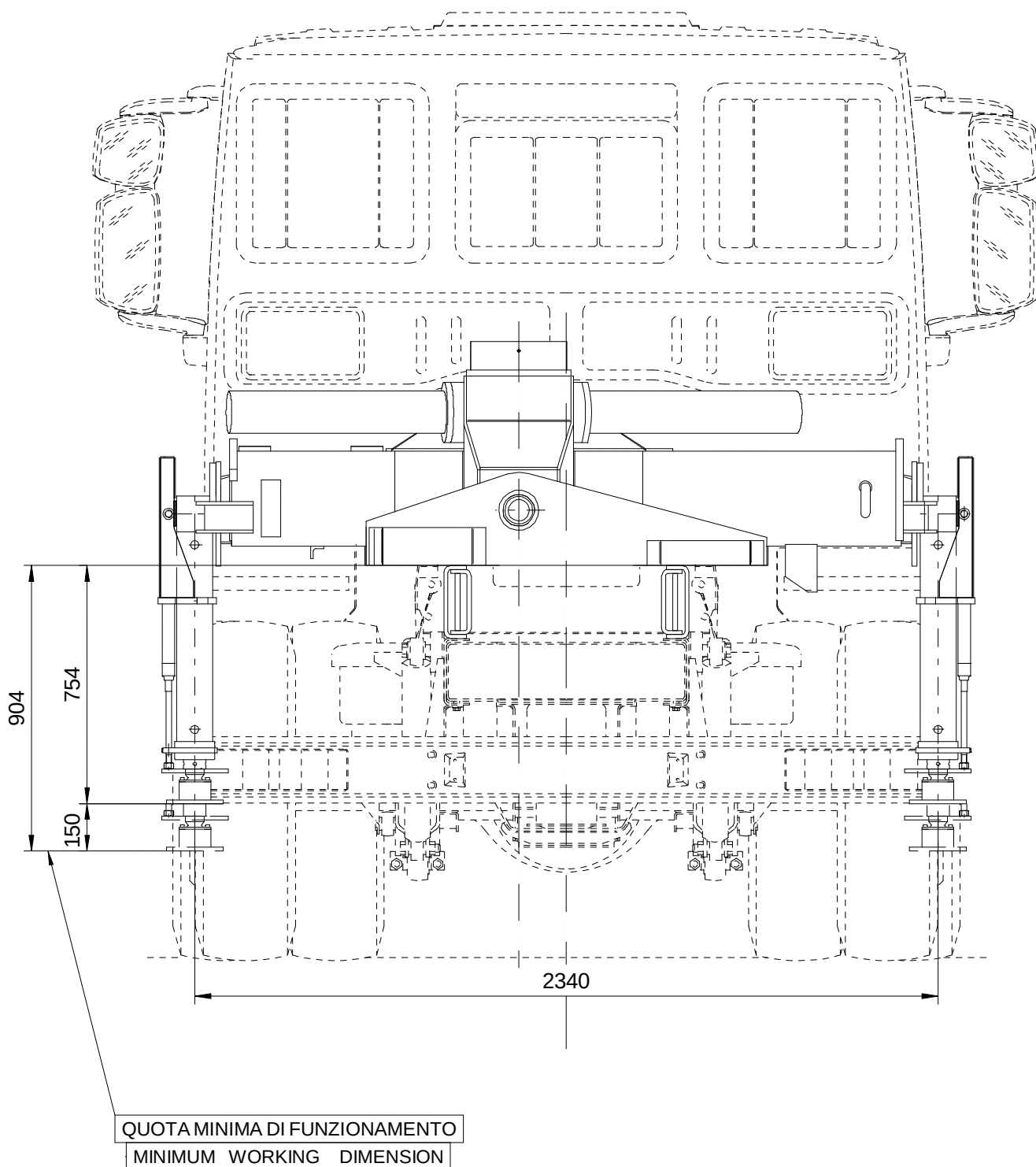
DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE BASE DIMENSIONS, TIE RODS & ROTATION SCREWS



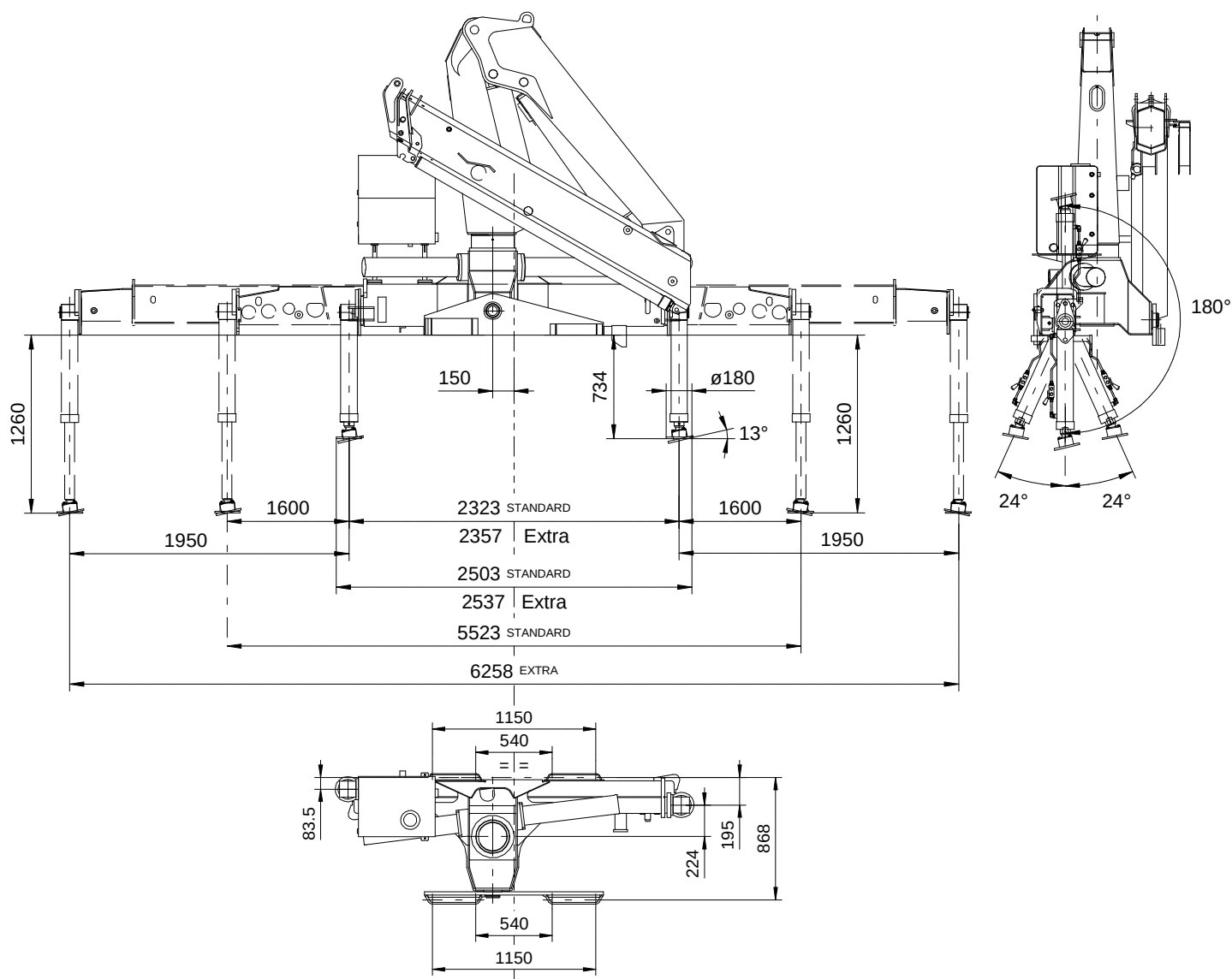
Viti fissaggio 1 canna di rotazione
Fixing bolts for 1 rotation cylinder

N°10 M14x40 8.8 UNI 5931
Coppia di serraggio (Tightening torque) 80 Nm

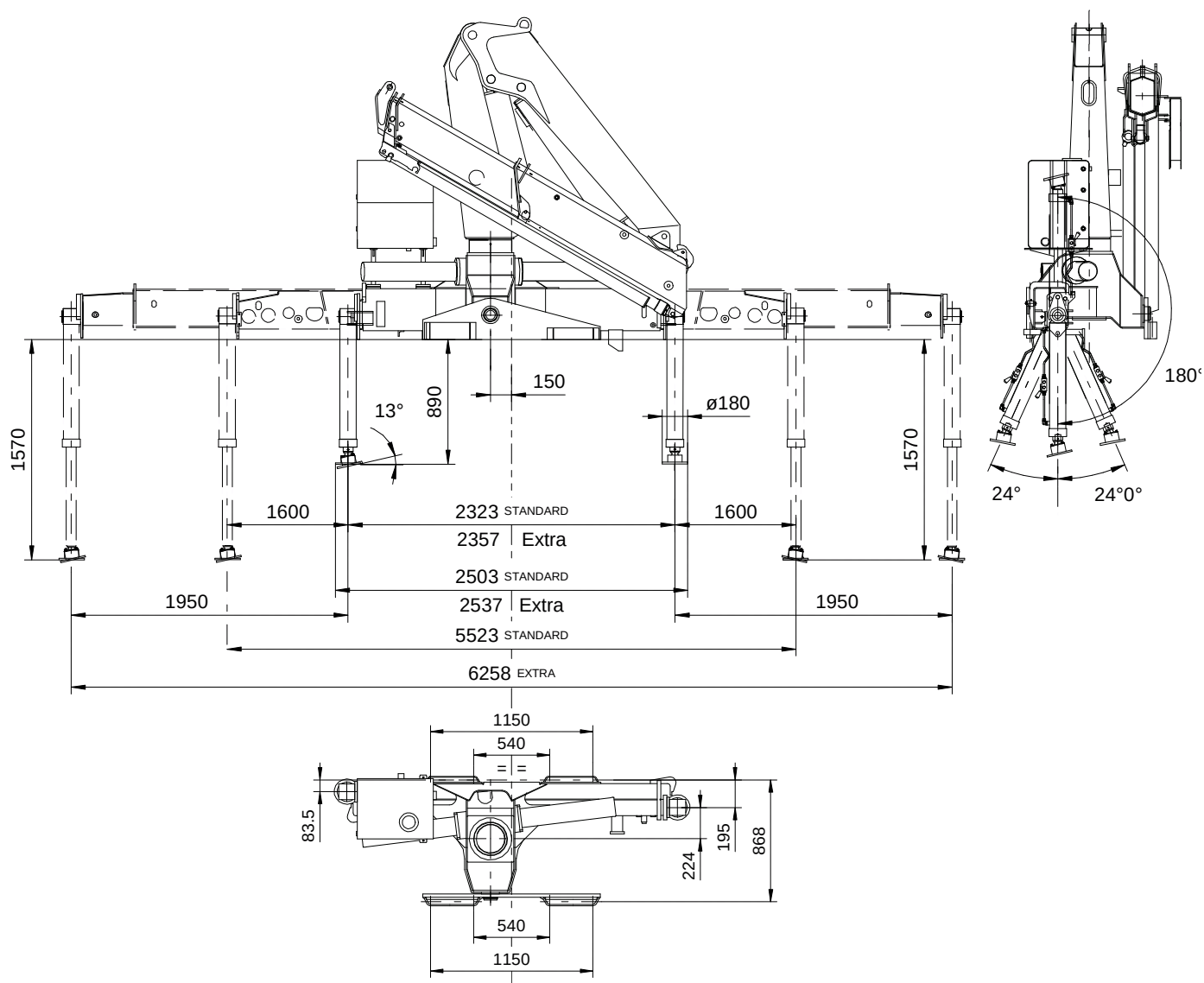
**DIMENSIONI BASAMENTO CON STABILIZZATORI SCORREVOLI LUNGI
BASE DIMENSIONS WITH LONG STABILIZERS**

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

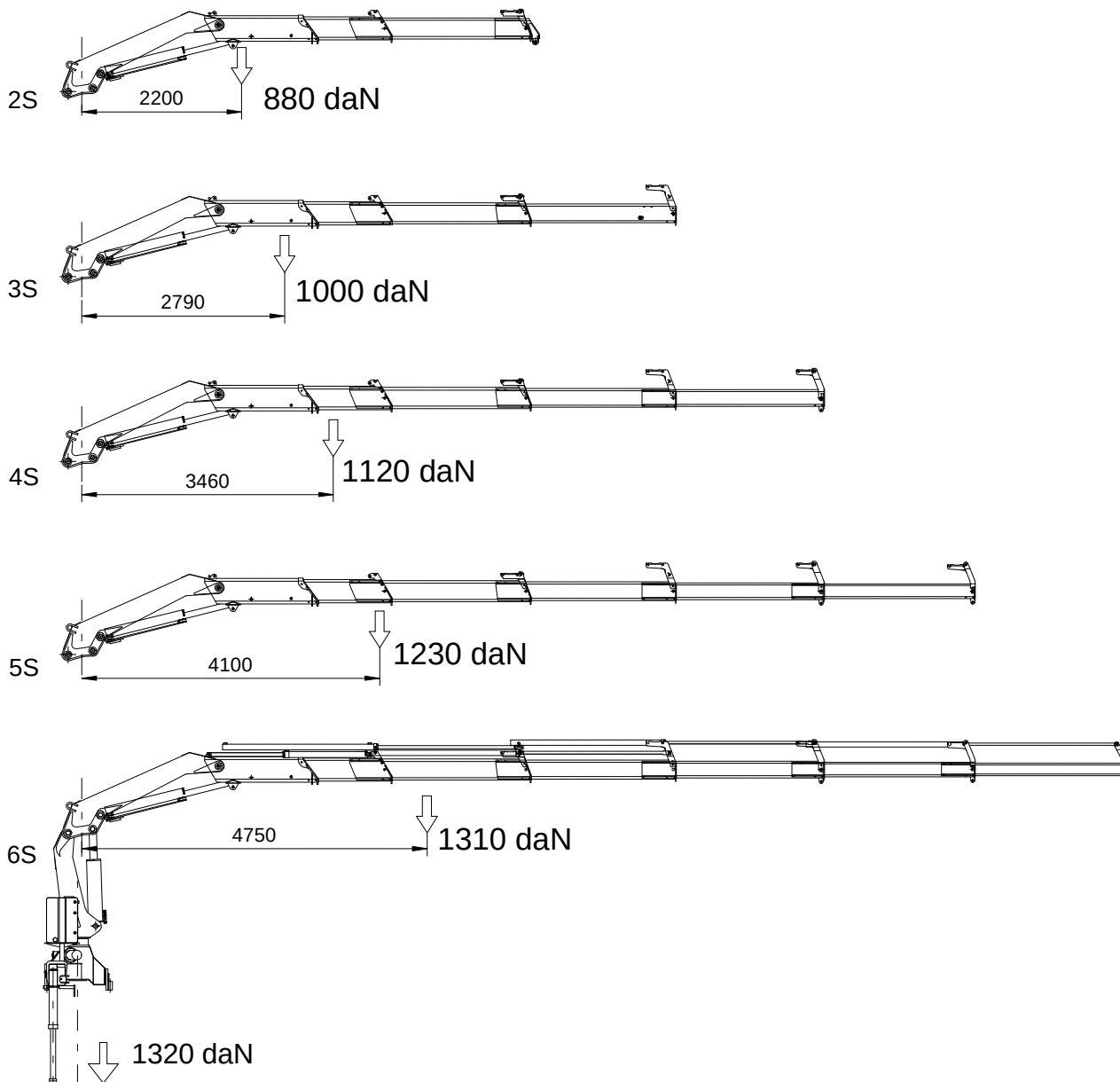
DIMENSIONI BASAMENTO CON STABILIZZATORI GIREVOLI STANDARD BASE DIMENSIONS WITH TILTING STANDARD STABILIZERS



DIMENSIONI BASAMENTO CON STABILIZZATORI GIREVOLI LUNGI BASE DIMENSIONS WITH TILTING LONG STABILIZERS



PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY 817C



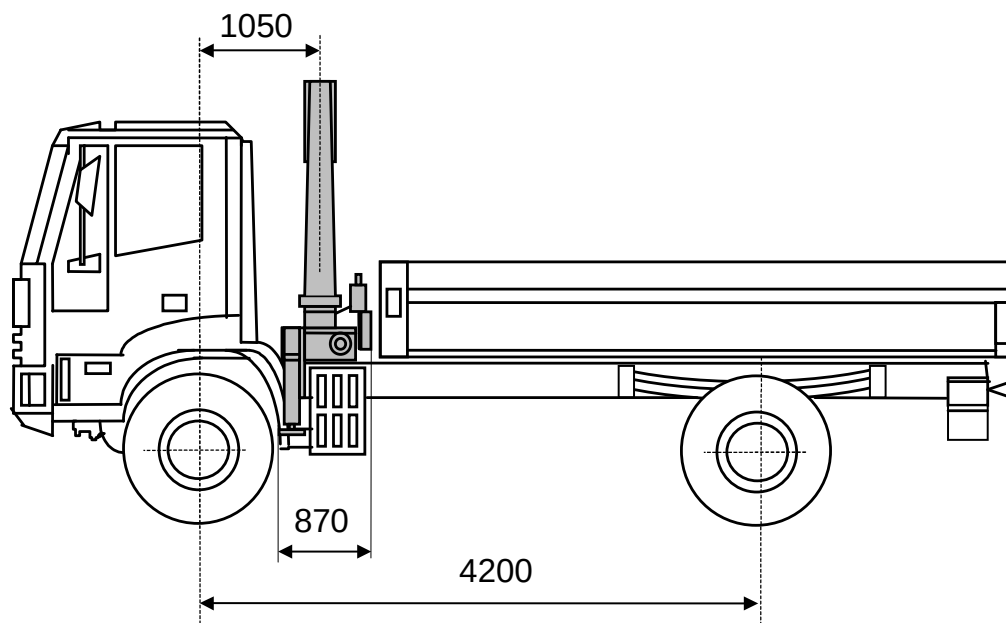
Massa parti fisse (kg)
Fixed parts weights

STD

1320

EX

1390

AUTOCARRO MINIMO SENZA STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITHOUT SUPPLEMENTARY STABILIZERS**PTT (GVW) = 190 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 4610 kg

Tara ammissibile asse anteriore = 7500 kg

Asse posteriore

Tara asse posteriore = 2020 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 4610 kg

Allowable front axle weight = 7500 kg

Rear axle

Rear axle tare weight = 2020 kg

PESI ALLESTIMENTO

Peso cassone = 600 kg

Peso gru = 2550 kg (817C 5S)

Peso controtelaio = 150 kg

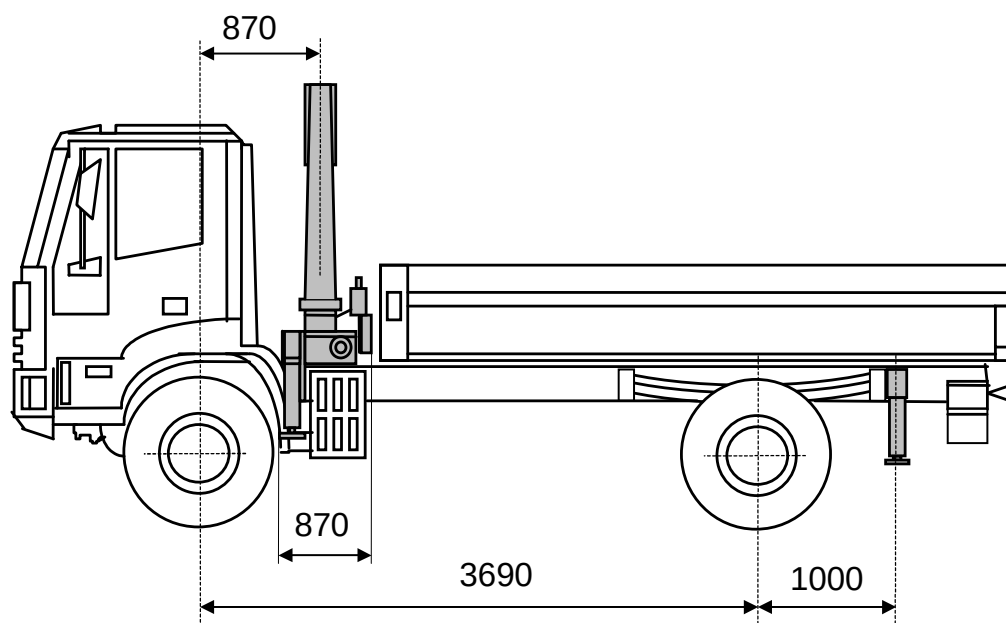
OUTFIT WEIGHTS

Body weight = 600 kg

Crane weight = 2550 kg (817C 5S)

Counterframe weight = 150 kg

Coefficiente di stabilità = 1,43**Stability index = 1,43**

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITH SUPPLEMENTARY STABILIZERS**PTT (GVW) = 170 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 3500 kg

Tara ammissibile asse anteriore = 7500 kg

Asse posteriore

Tara asse posteriore = 1920 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 3500 kg

Allowable front axle weight = 7500 kg

Rear axle

Rear axle tare weight = 1920 kg

PESI ALLESTIMENTO

Massa cassone = 600 kg

Peso gru = 2550 kg (817C 5S)

Massa controtelaio = 200 kg

OUTFIT WEIGHTS

Body weight = 600 kg

Crane weight = 2550 kg (817C 5S)

Counterframe weight = 200 kg

Stabilizzatori supplementari

Apertura minima = 3000 mm

Peso stabilizzatori supplementari = 280 kg

Rear beam stabilizers

Min. width = 3000 mm

Rear stabilizer weight = 280 kg

Coefficiente di stabilità = 1,71**Stability index = 1,71**

CONTROTELAIO MINIMO MIN COUNTERFRAME

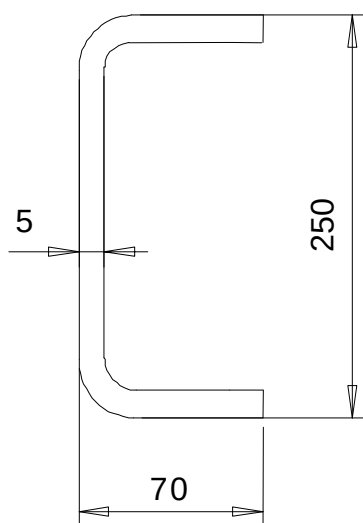
Momento dinamico max (daNm)

Max dynamic moment

20500

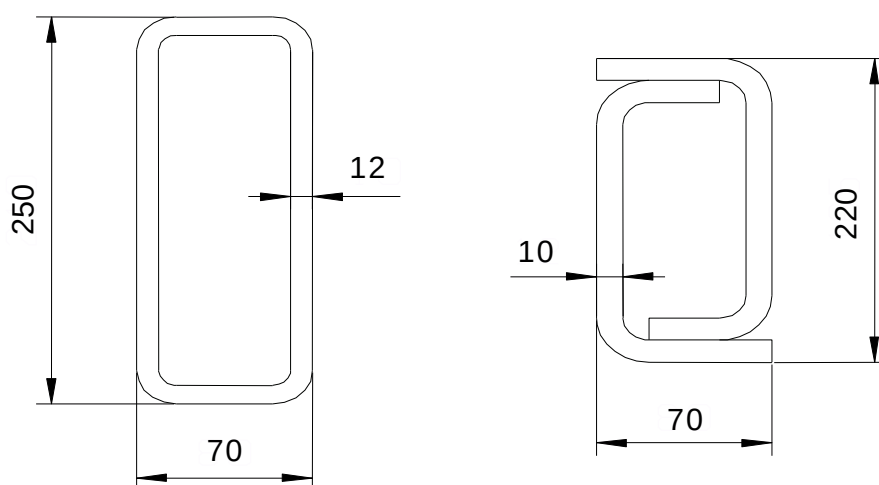
Sezione telaio minima (autocarro PTT=170 q)

Min frame section (truck GVW 17.0 ton)



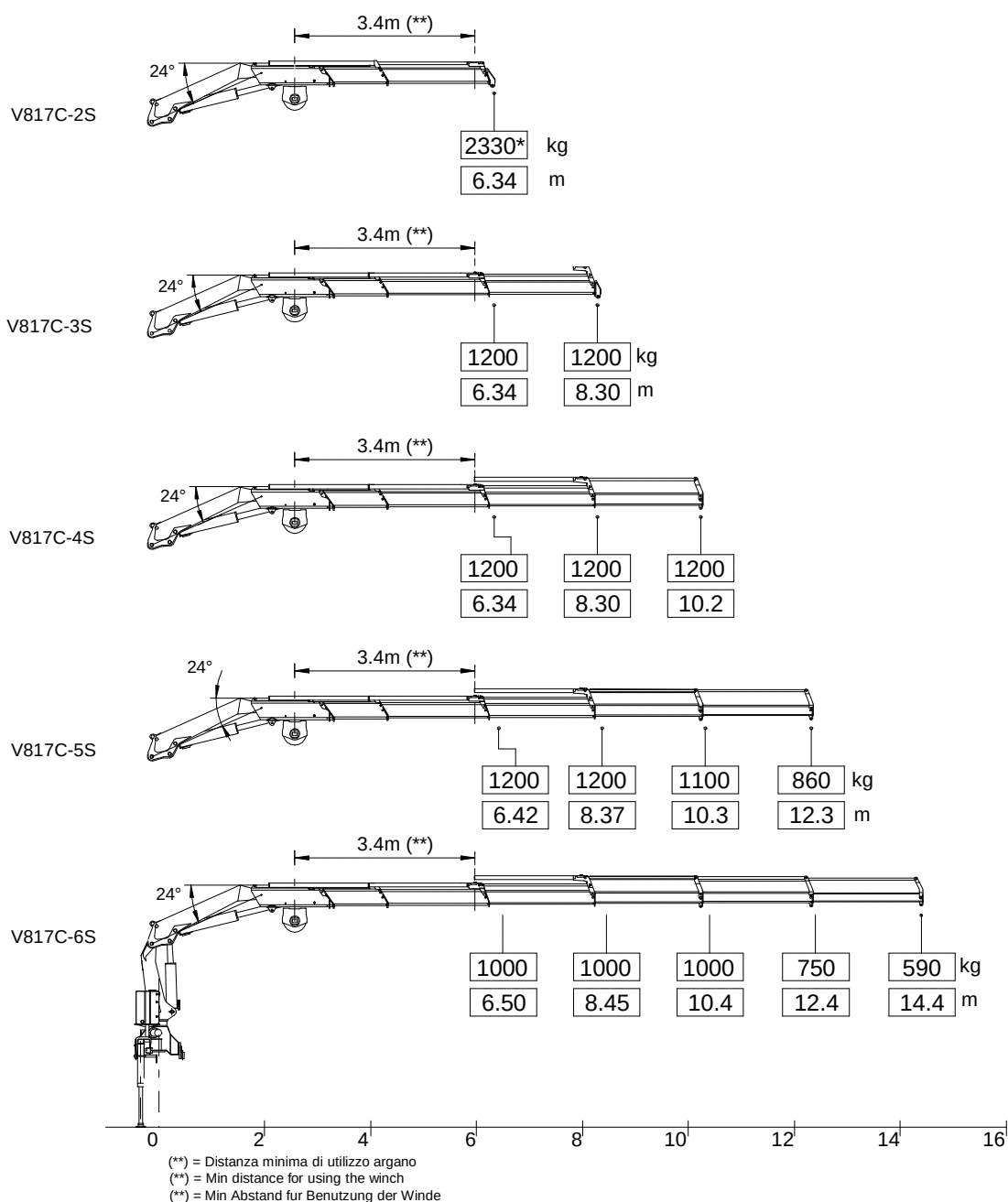
Sezione minima controtelaio (materiale Fe510 - S355)

Min counterframe section (steel S355)



CARATTERISTICHE VERRICELLO IDRAULICO HYDRAULIC WINCH DATA

Max tiro diretto per 817C 2S 3S 4S 5S (kg) Max winch direct pull (kg)	1200
Max tiro diretto per 817C 6S (kg) Max winch direct pull (kg)	1000



CARATTERISTICHE ACCESSORI BENNA-POLIPO GRAB - BUCKET DATA

Peso massimo ammissibile per 817C 2S 3S Max allowable weight for 817C 2S 3S	420 kg
Peso massimo ammissibile per 817C 4S 5S 6S Max allowable weight for 817C 4S 5S 6S	265 kg
Pressione max. di esercizio Max working pressure	200 bar
Le reali portate della gru si ottengono sottraendo dai carichi indicati nei diagrammi il peso dell'attrezzo The net crane capacities are the one of the load diagrams less the real tool “dead weight”	

