

108

RACCOLTA TECNICA TECHNICAL BOOK



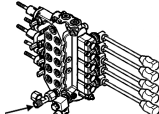
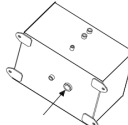
CARATTERISTICHE GENERALI
TECHNICAL DATA

Momento dinamico max (daNm) Max dynamic moment	9100
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	Versione	Q _{max}
Portata max (kg) Max load	1S	2230
	2S	2120
	3S	2020

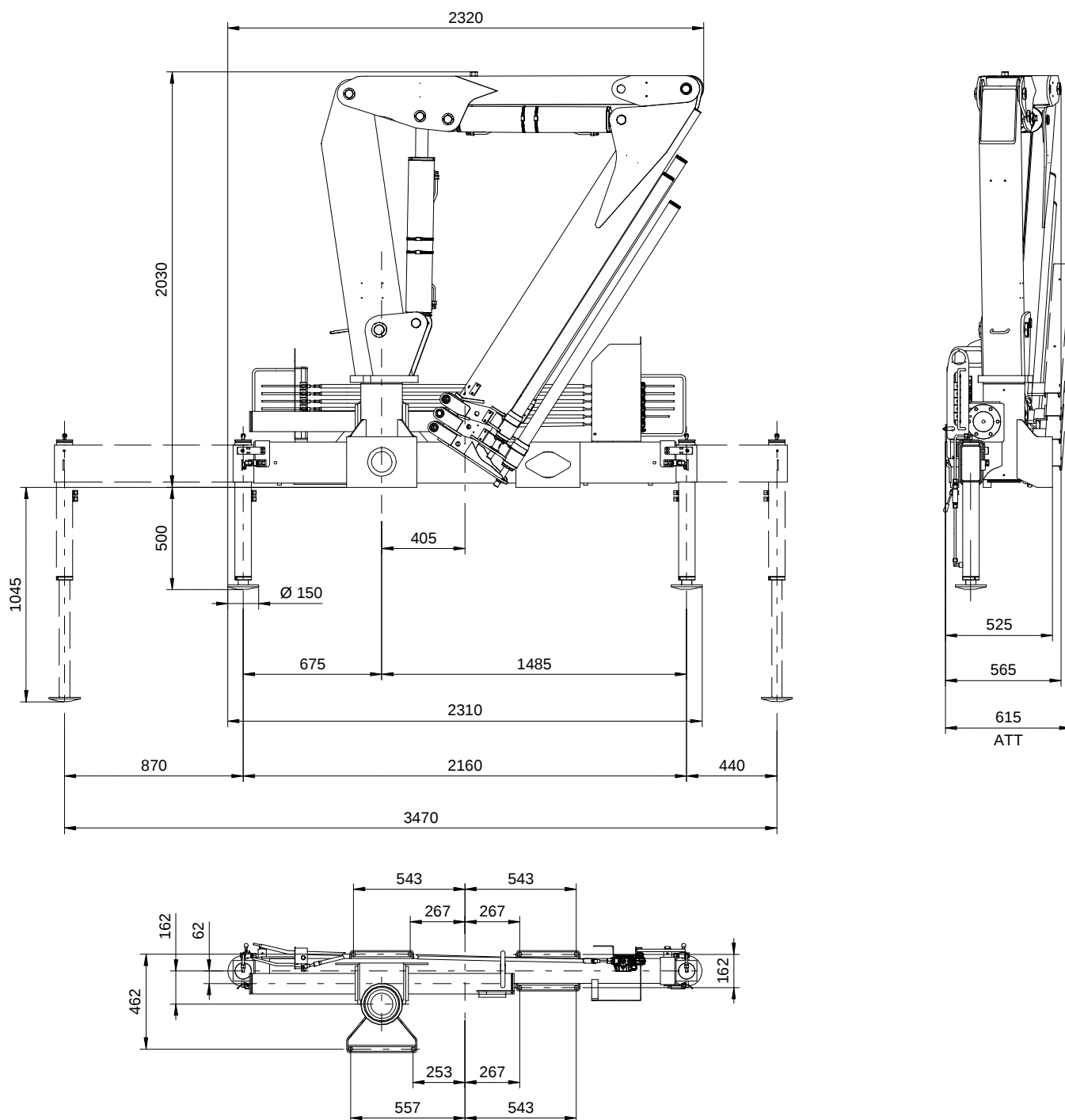
	Versione	108	108 EX
Massa in ordine di lavoro (kg) Crane weight	1S	845	910
	2S	905	970
	3S	965	1030

Reazione massima sullo stabilizzatore standard Max force on the standard stabilizer leg		5890 daN
Reazione massima sullo stabilizzatore extra Max force on the extra stabilizer leg		4500 daN
Carico massimo trasmesso al suolo da stabilizzatori standard Max standard stabilizer pressure on the ground	CE	29.5 daN/cm ²
	NO CE	33.5 daN/cm ²
Carico massimo trasmesso al suolo da stabilizzatori extra Max extra stabilizer pressure on the ground	CE	22.5 daN/cm ²
	NO CE	25.5 daN/cm ²
Pressione massima di esercizio Max working pressure		250 bar
Portata massima di olio Max oil flow		16 l/min
Capacità serbatoio olio Oil tank capacity		48 l
Coppia di rotazione Slewing moment		980 daNm
Angolo di rotazione Slewing angle		380°
Potenza assorbita Absorbed power		8.9 kW 11.9 HP
Normativa di calcolo Design standard		DIN 15018 EN 12999

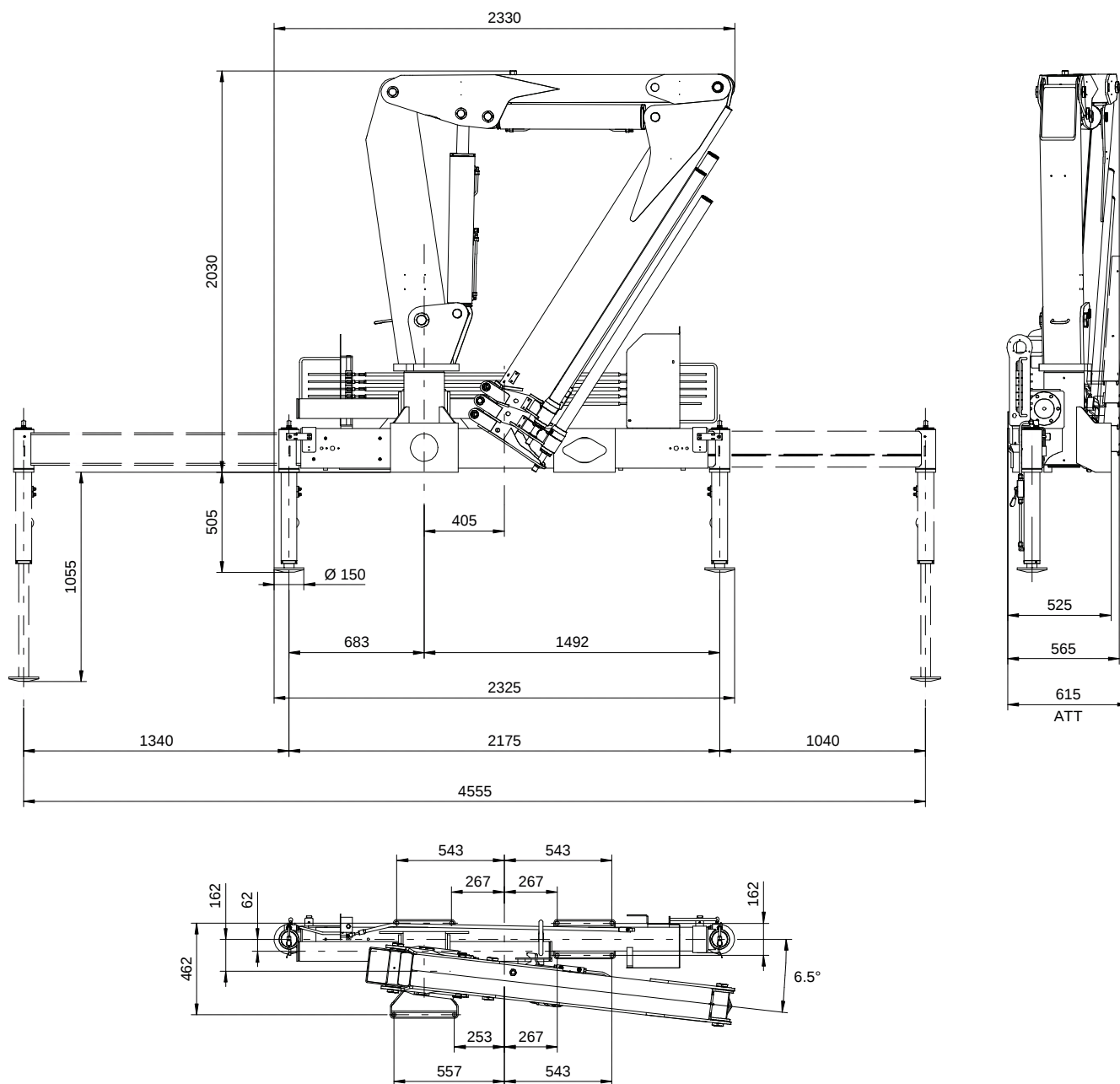
Raccordi di collegamento con pompa Fittings for connection with pump		NO RDC
Linea di pressione distributore Control valve pressure line		DIN 12 L M18x1.5-12-12
Linea di aspirazione serbatoio Tank suction line		F1" BPS

DIMENSIONI DI INGOMBRO CON STABILIZZATORI NO CE DIMENSIONS WITH NO CE STABILIZER

108

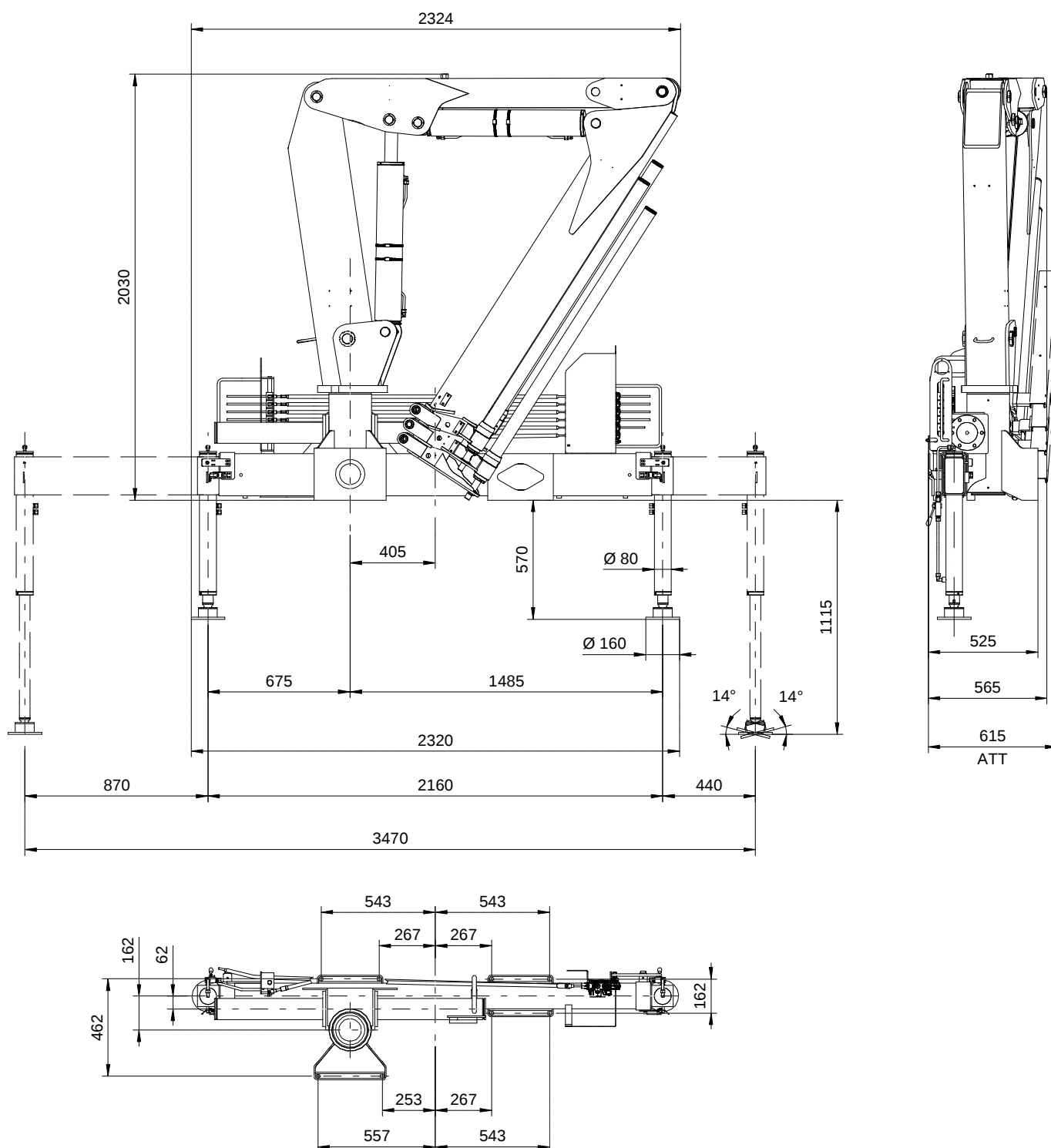


DIMENSIONI DI INGOMBRO CON STABILIZZATORI NO CE DIMENSIONS WITH NO CE STABILIZER 108 EX



DIMENSIONI DI INGOMBRO CON STABILIZZATORI CE DIMENSIONS WITH CE STABILIZER

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DIMENSIONI DI INGOMBRO CON STABILIZZATORI CE DIMENSIONS WITH CE STABILIZER 108 EX

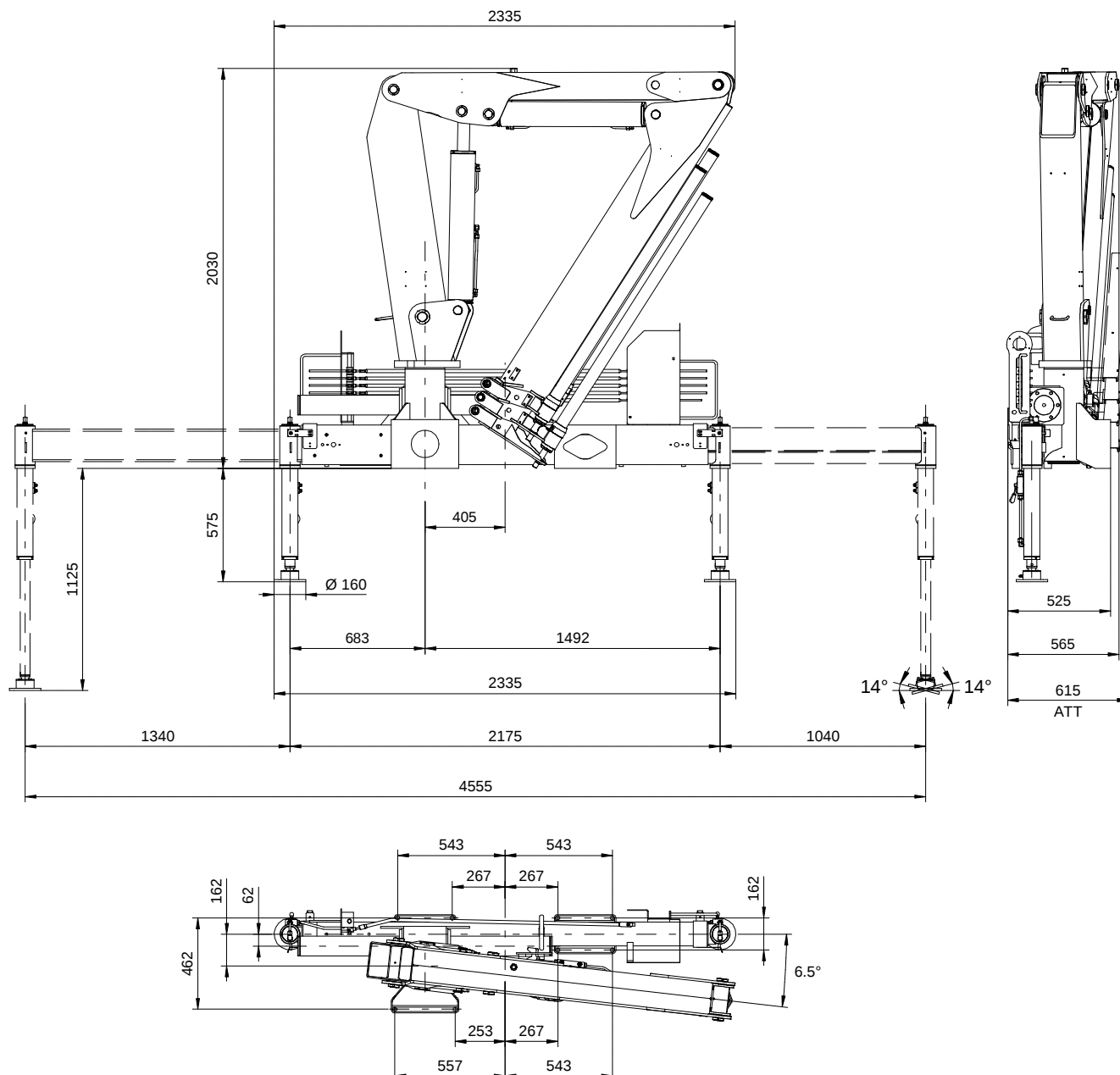


DIAGRAMMA PORTATE LOAD DIAGRAM 108 1S

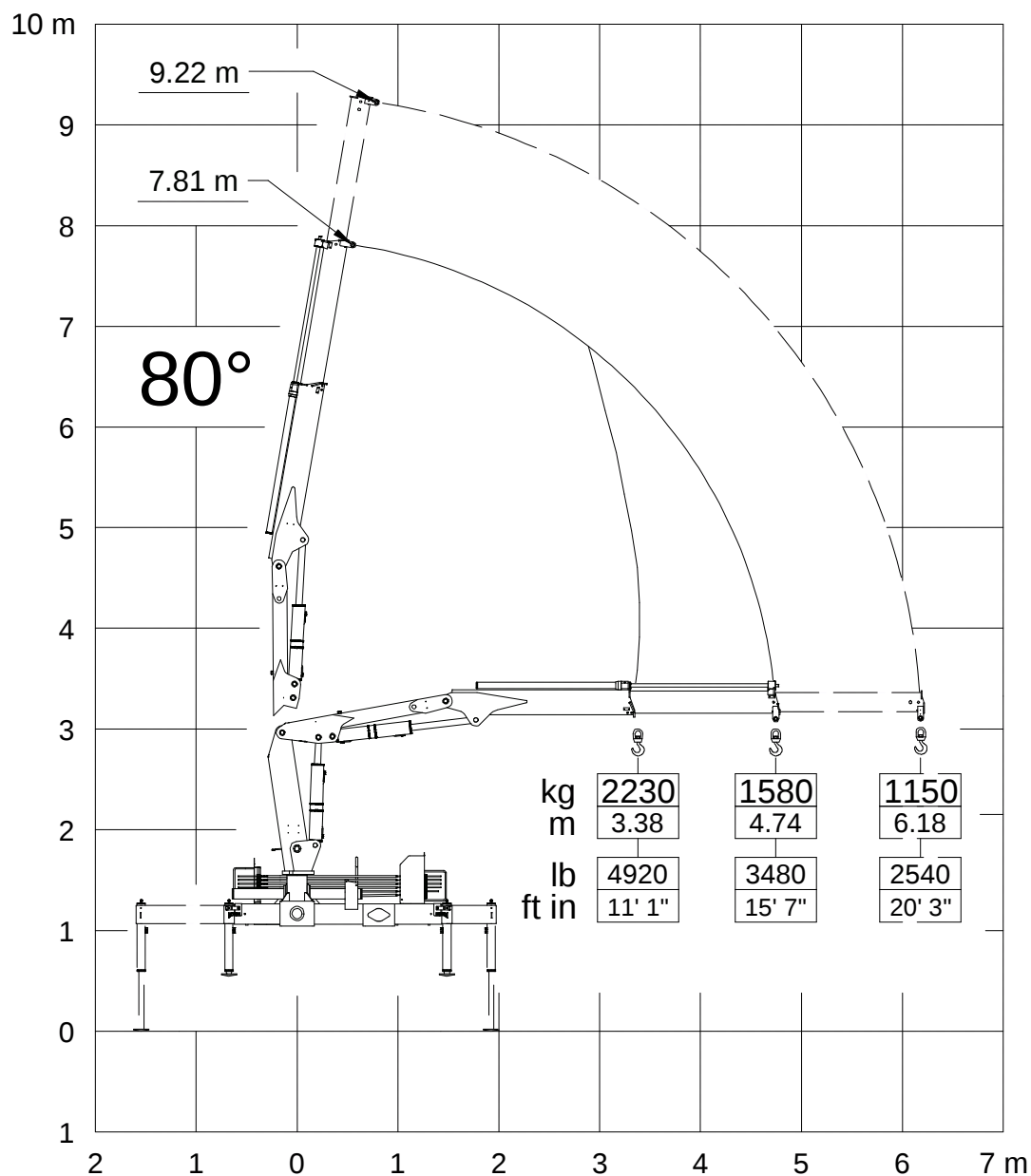


DIAGRAMMA PORTATE LOAD DIAGRAM 108 2S

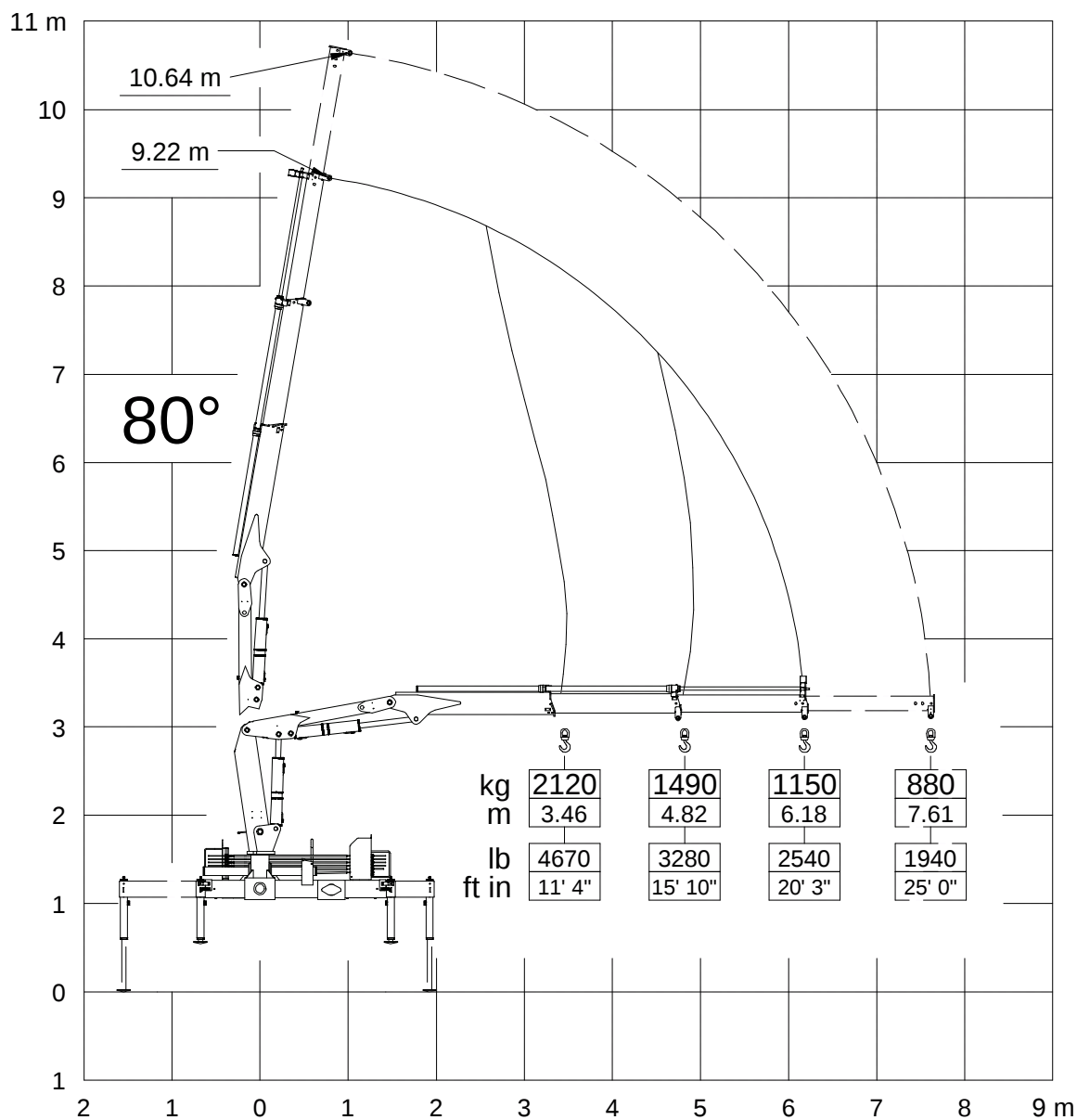
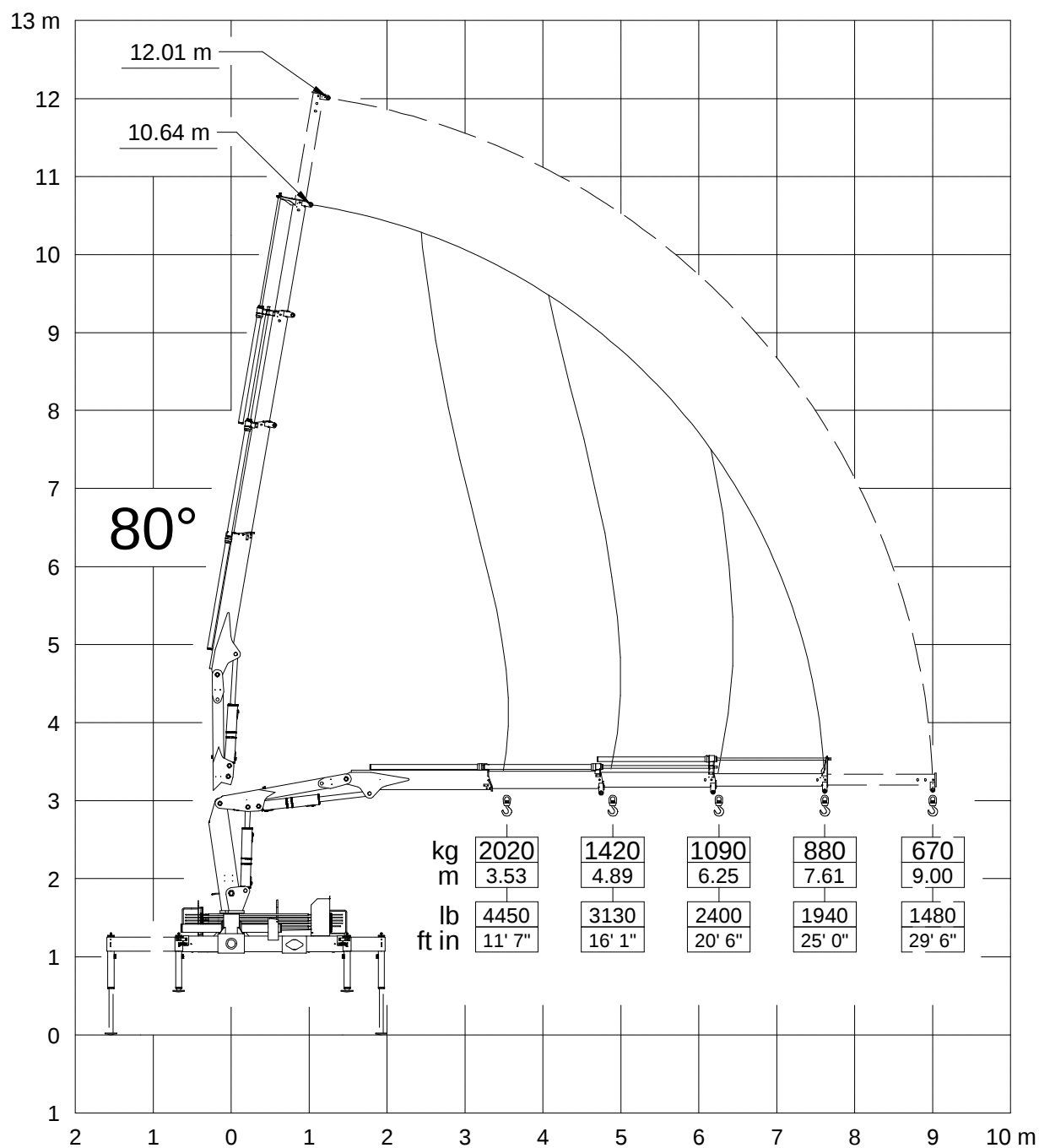
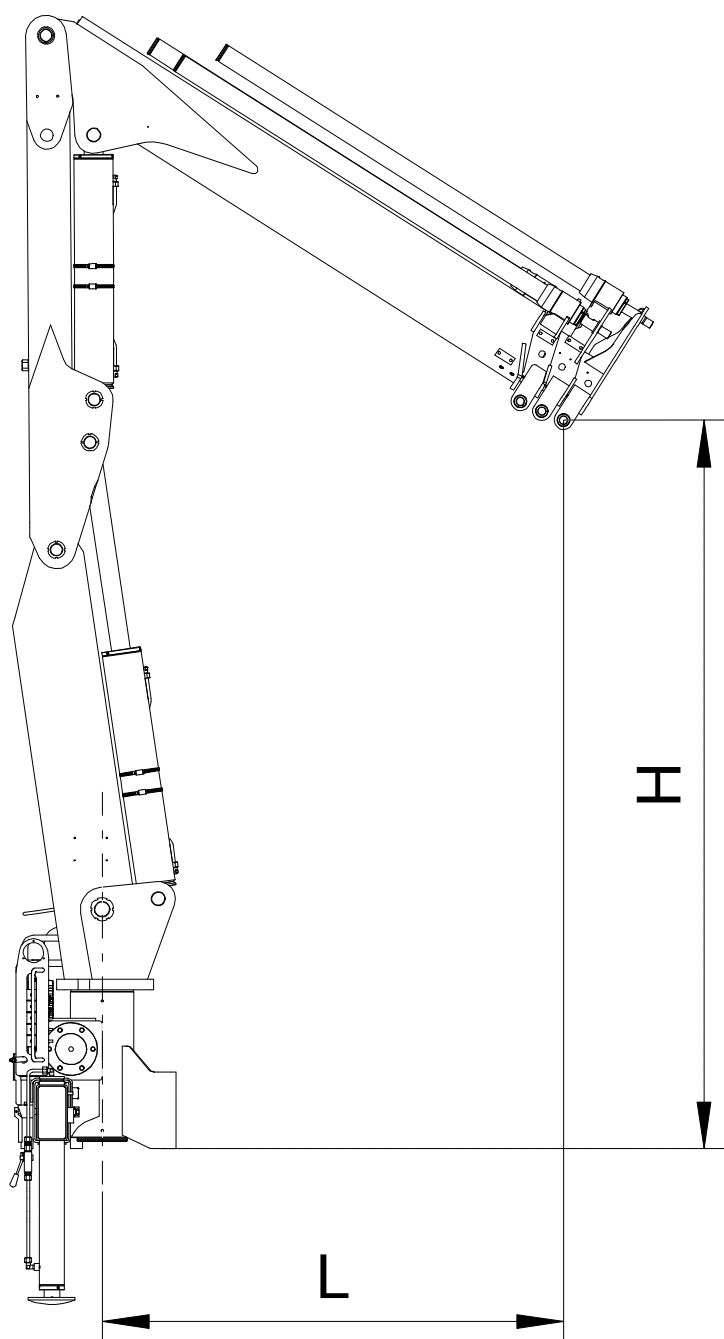


DIAGRAMMA PORTATE LOAD DIAGRAM 108 3S

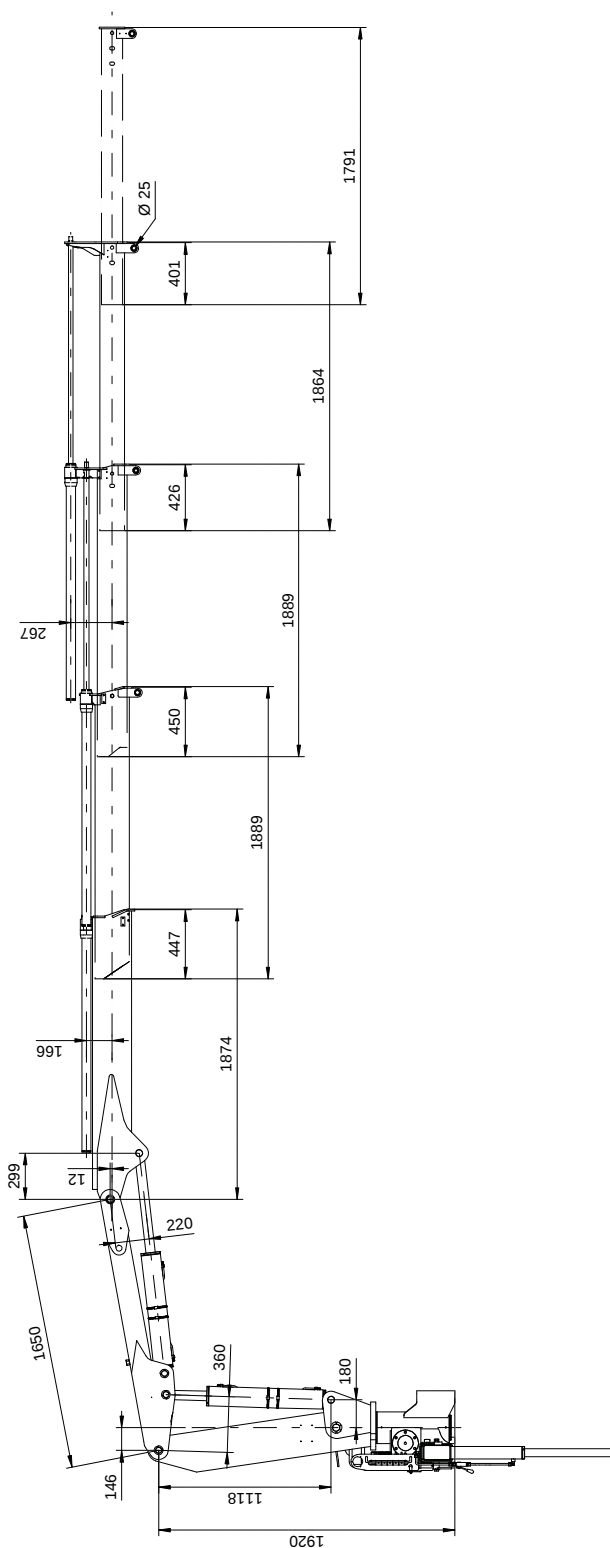


ALTEZZA ATTACCO GANCIO HOOK HEIGHT



	L [mm]	H [mm]
1S	1345	2400
2S	1410	2370
3S	1480	2340

DIMENSIONALE COLONNA E BRACCI COLUMN - BOOM - DIMENSIONS



DIMENSIONI MARTINETTI CYLINDERS DIMENSIONS

CILINDRO DI SOLLEVAMENTO LIFTING CYLINDER

Alesaggio - Cylinder bore	110
Diametro esterno - Cyl. ext. diameter	125
Diametro stelo - Rod diameter	60 - 0
Interasse aperto - Pitch (open)	1480
Interasse chiuso - Pitch (closed)	874
Corsa - Stroke	606
Raccordi - Fittings	1/4" G
Ø perni articolazione - Artic. pin Ø	45
Materiale perno/i - Pin steel	42CrMo4 BNF

CILINDRO DI ARTICOLAZIONE ARTICULATION CYLINDER

Alesaggio - Cylinder bore	110
Diametro esterno - Cyl. ext. diameter	125
Diametro stelo - Rod diameter	60 - 0
Interasse aperto - Pitch (open)	1432
Interasse chiuso - Pitch (closed)	848
Corsa - Stroke	584
Raccordi - Fittings	1/4" G
Ø perno fissaggio - Fixing pin Ø	45
Mat. perno/i - Pin steel	42CrMo4 BNF

CILINDRO 1° SFILO 1ST EXTENSION CYLINDER 1S

Alesaggio - Cylinder bore	50
Diametro esterno - Cyl. ext. diameter	60
Diametro stelo - Rod diameter	30 - 0
Interasse aperto - Pitch (open)	1510
Interasse chiuso - Pitch (closed)	150
Corsa - Stroke	1360
Raccordi - Fittings	1/4" G

CILINDRO 1° SFILO 1ST EXTENSION CYLINDER 2S-3S

Alesaggio - Cylinder bore	50
Diametro esterno - Cyl. ext. diameter	60
Diametro stelo - Rod diameter	35 - 25
Interasse aperto - Pitch (open)	1510
Interasse chiuso - Pitch (closed)	150
Corsa - Stroke	1360
Raccordi - Fittings	1/4" G

CILINDRO 2° SFILO 2ND EXTENSION CYLINDER 2S

Alesaggio - Cylinder bore	50
Diametro esterno - Cyl. ext. diameter	60
Diametro stelo - Rod diameter	30 - 0
Interasse aperto - Pitch (open)	1510
Interasse chiuso - Pitch (closed)	150
Corsa - Stroke	1360
Raccordi - Fittings	1/4" G

CILINDRO 2° SFILO 2ND EXTENSION CYLINDER 3S

Alesaggio - Cylinder bore	50
Diametro esterno - Cyl. ext. diameter	60
Diametro stelo - Rod diameter	35 - 25
Interasse aperto - Pitch (open)	1510
Interasse chiuso - Pitch (closed)	150
Corsa - Stroke	1360
Raccordi - Fittings	1/4" G

CILINDRO 3° SFILO 3RD EXTENSION CYLINDER

Alesaggio - Cylinder bore	50
Diametro esterno - Cyl. ext. diameter	60
Diametro stelo - Rod diameter	30 - 0
Interasse aperto - Pitch (open)	1510
Interasse chiuso - Pitch (closed)	150
Corsa - Stroke	1360
Raccordi - Fittings	1/4" G

CILINDRO DI ROTAZIONE ROTATION CYLINDER

Alesaggio - Cylinder bore	90
Diametro esterno - Cyl. ext. diameter	100
Diametro stelo - Rod diameter	-
Interasse aperto - Pitch (open)	-
Interasse chiuso - Pitch (closed)	-
Corsa - Stroke	511
Raccordi - Fittings	-

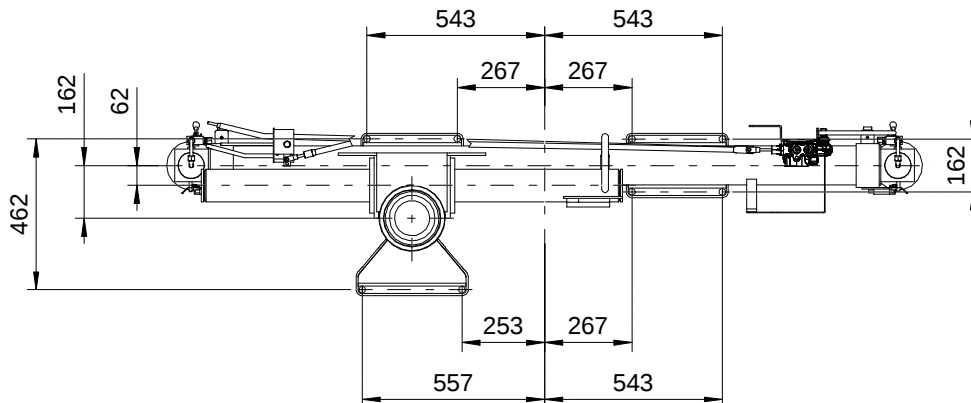
CILINDRO STABILIZZATORE STABILIZER CYLINDER

Alesaggio - Cylinder bore	70
Diametro esterno - Cyl. ext. diameter	80
Diametro stelo - Rod diameter	50 - 0
Interasse aperto - Pitch (open)	1267.5
Interasse chiuso - Pitch (closed)	720
Corsa - Stroke	547.5
Raccordi - Fittings	1/4" G

CILINDRO STABILIZZATORE STABILIZER CYLINDER EX

Alesaggio - Cylinder bore	70
Diametro esterno - Cyl. ext. diameter	80
Diametro stelo - Rod diameter	50 - 0
Interasse aperto - Pitch (open)	1062.5
Interasse chiuso - Pitch (closed)	512.5
Corsa - Stroke	550
Raccordi - Fittings	3/8" G

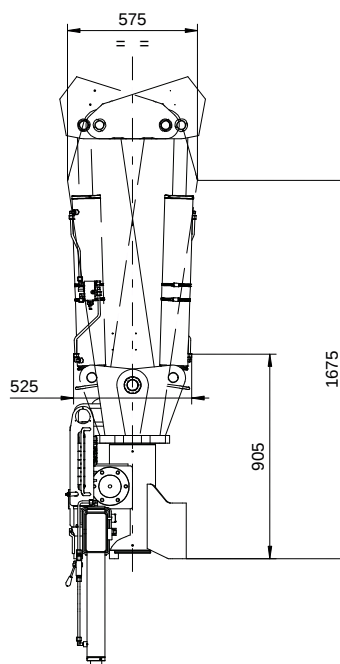
DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE BASE DIMENSIONS, TIE RODS & ROTATION SCREWS



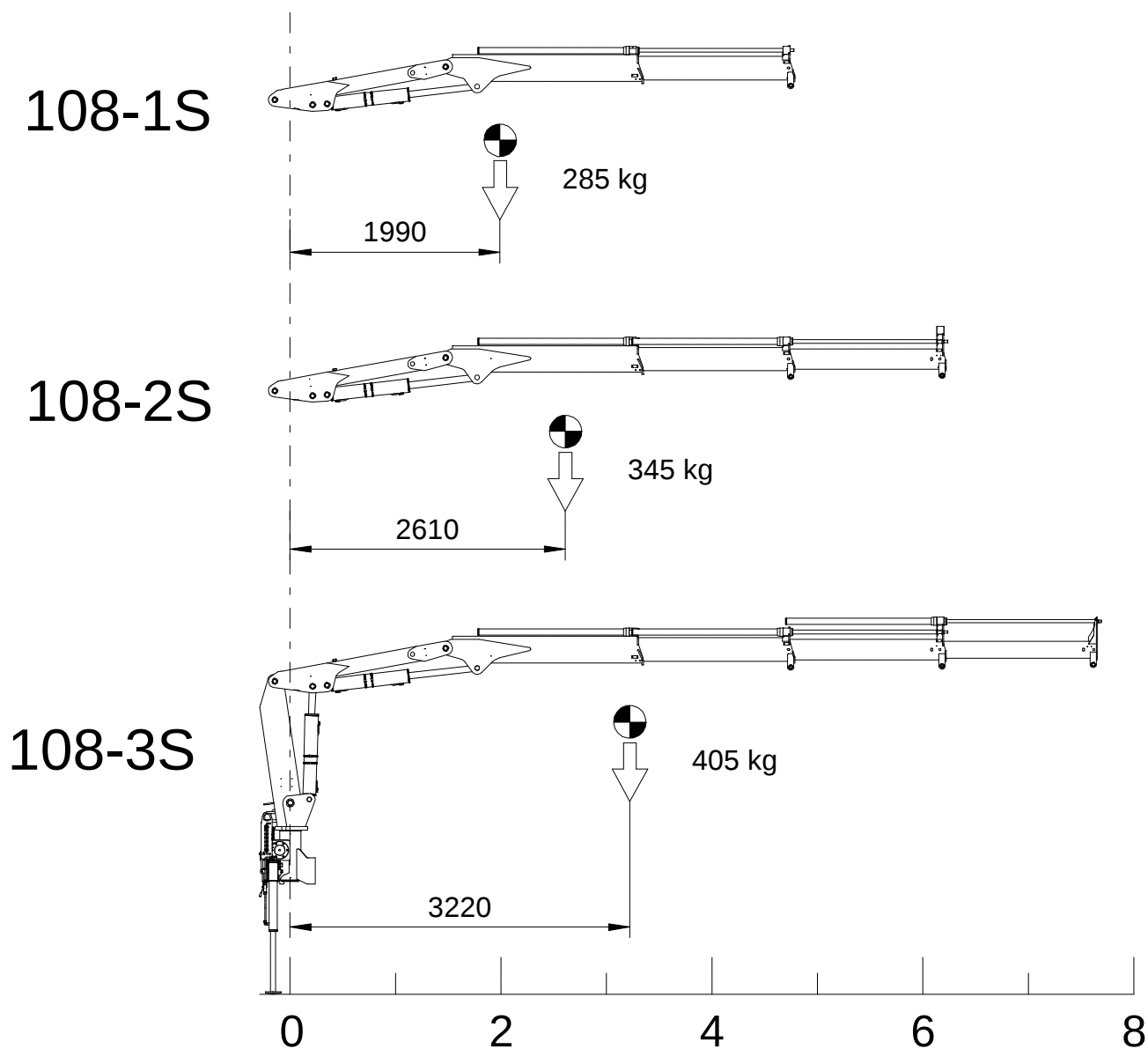
Tiranti di staffaggio Tie mounting rods	N°6 M20x1.5 42CrMo4 BNF
Viti fissaggio 1 canna di rotazione Fixing bolts for 1 rotation cylinder	N°6 M14x35 8.8 UNI 5931 Coppia di serraggio (<i>Tightening torque</i>) 80 Nm

INGOMBRO IN ROTAZIONE

ROTATION RADIUS

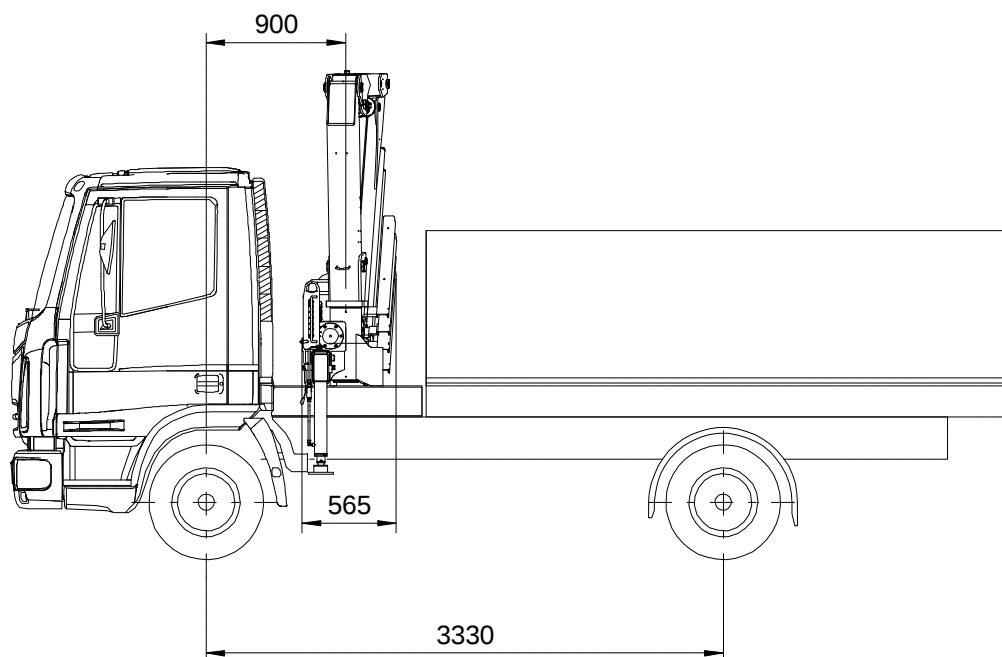


PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY



	108	108 EX
Massa parti fisse (kg) Fixed parts weights	560	625

AUTOCARRO MINIMO SENZA STABILIZZATORI SUPPLEMENTARI MIN TRUCK WITHOUT SUPPLEMENTARY STABILIZERS



PTT (GVW) = 100 q

DATI AUTOCARRO A VUOTO

Asse anteriore

Tara asse anteriore = 2430 kg

Tara ammissibile asse anteriore = 3600 kg

Asse posteriore

Tara asse posteriore = 935 kg

PESI ALLESTIMENTO

Peso cassone = 500 kg

Peso gru = 1030 kg (108 EX-3S)

Peso controtelaio = 40 kg

CHASSIS DATA

Front axle

Front axle tare weight = 2430 kg

Allowable front axle weight = 3600 kg

Rear axle

Rear axle tare weight = 935 kg

OUTFIT WEIGHTS

Body weight = 500 kg

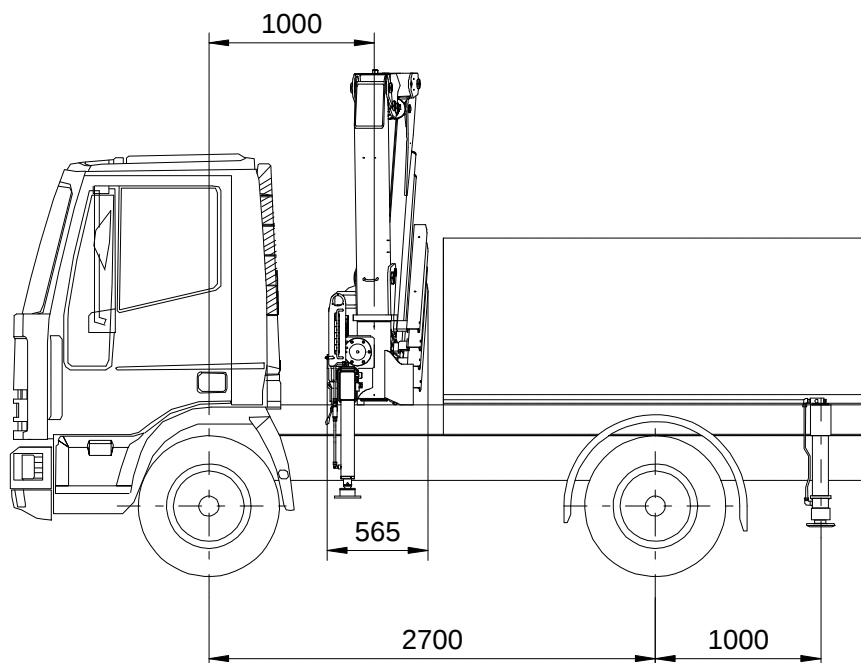
Crane weight = 1030 kg (108 EX-3S)

Counterframe weight = 40 kg

Coefficiente di stabilità = 1,41

Stability index = 1,41

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI **MIN TRUCK WITH SUPPLEMENTARY STABILIZERS**



PTT (GVW) = 65 q

DATI AUTOCARRO A VUOTO

Asse anteriore

Tara asse anteriore = 2210 kg

Carico ammissibile asse anteriore = 2900 kg

Asse posteriore

Tara asse posteriore = 820 kg

CHASSIS DATA

Front axle

Front axle tare weight = 2210 kg

Allowable front axle weight = 2900 kg

Rear axle

Rear axle tare weight = 820 kg

PESI ALLESTIMENTO

Massa cassone = 460 kg

Peso gru = 1030 kg (108 EX-3S)

Massa controtelaio = 130 kg

OUTFIT WEIGHTS

Body weight = 460 kg

Crane weight = 1030 kg (108 EX-3S)

Counterframe weight = 130 kg

Stabilizzatori supplementari

Apertura minima = 3000 mm

Peso stabilizzatori supplementari = 120 kg

Rear beam stabilizers

Min. width = 3000 mm

Rear stabilizer weight = 120 kg

Coefficiente di stabilità = 1,71

Stability index = 1,71

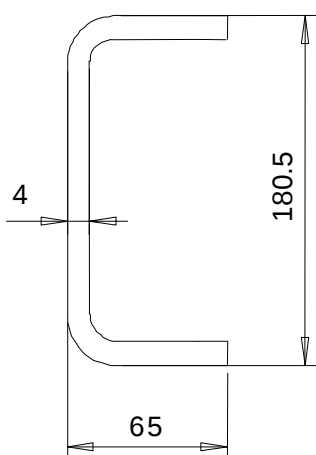
CONTROTELAIO MINIMO
MIN COUNTERFRAME**Momento dinamico max (daNm)**

Max dynamic moment

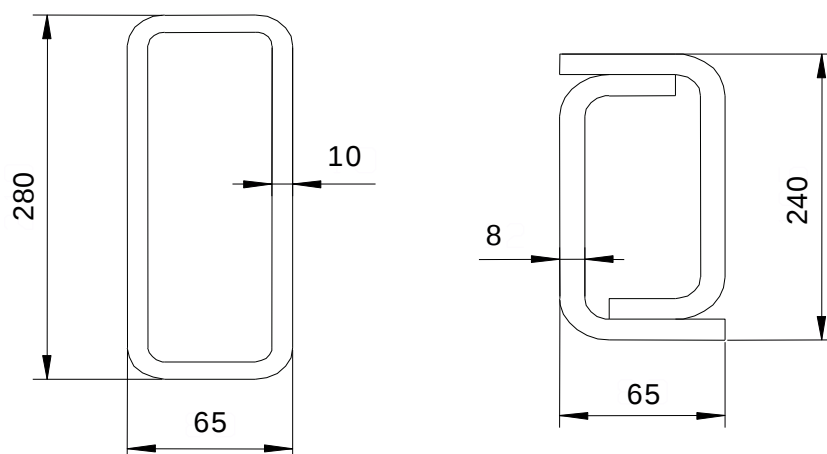
9100

Sezione telaio minima (autocarro PTT=65 q)

Min frame section (truck GVW 6.5 ton)

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

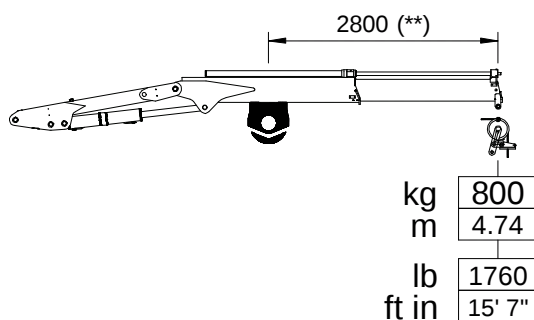
Min counterframe section (steel S355)



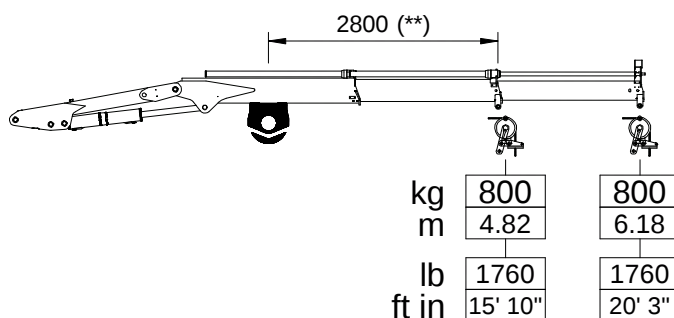
CARATTERISTICHE VERRICELLO IDRAULICO
HYDRAULIC WINCH DATAMax tiro diretto (kg)
Max winch direct pull (kg)

800 kg

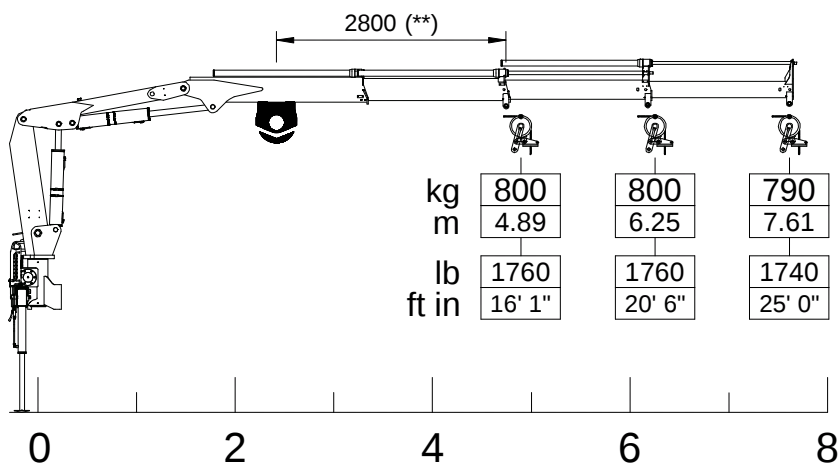
108-1S



108-2S



108-3S



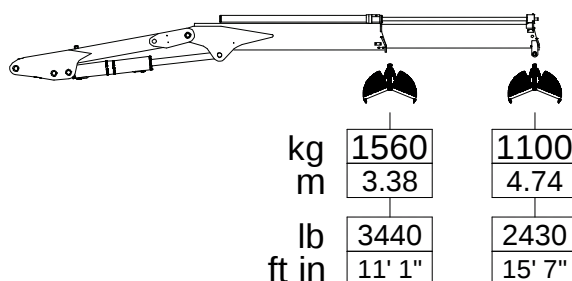
(**) = Distanza minima di utilizzo argano

(**) = Min distance for using the winch

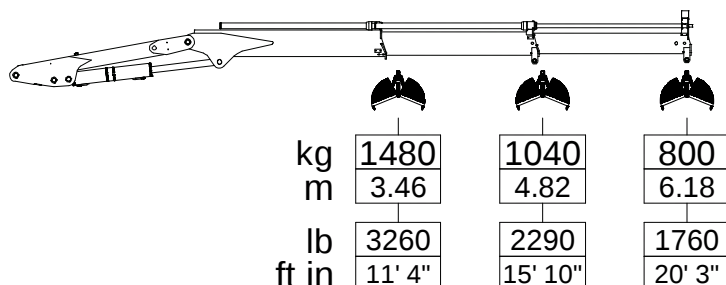
CARATTERISTICHE ACCESSORI BENNA-POLIPO
GRAB - BUCKET DATA

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

108-1S



108-2S



108-3S

