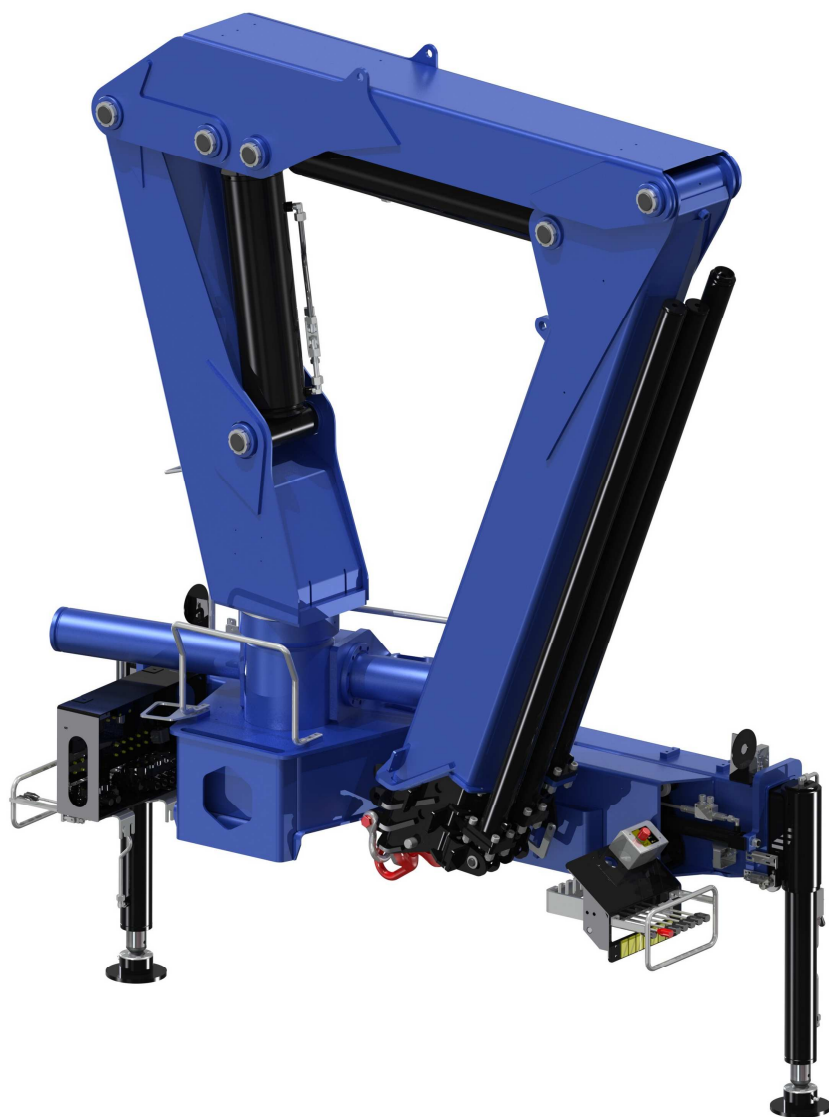


123

RACCOLTA TECNICA TECHNICAL BOOK



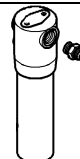
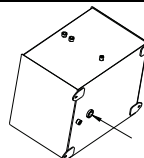
CARATTERISTICHE GENERALI
TECHNICAL DATA

Momento dinamico max (daNm) Max dynamic moment	24700
--	-------

	Versione	Q _{max}
Portata max (kg) Max load	1S	8680
	2S	8650
	3S	8500

	Versione	123 STD	123 HYD
Massa in ordine di lavoro (kg) Crane weight	1S	2035	2090
	2S	2170	2225
	3S	2295	2350

Reazione massima sullo stabilizzatore Max force on the stabilizer leg	11740 daN
Carico massimo trasmesso al suolo da stabilizzatori standard Max standard stabilizer pressure on the ground	46.2 daN/cm ²
Pressione massima di esercizio Max working pressure	315 bar
Portata massima di olio Max oil flow	40 l/min
Capacità serbatoio olio Oil tank capacity	150 l
Coppia di rotazione Slewing moment	2150 daNm
Angolo di rotazione Slewing angle	380°
Potenza assorbita Absorbed power	25.6 kW 34.4 HP
Normativa di calcolo Design standard	DIN 15018 EN 12999

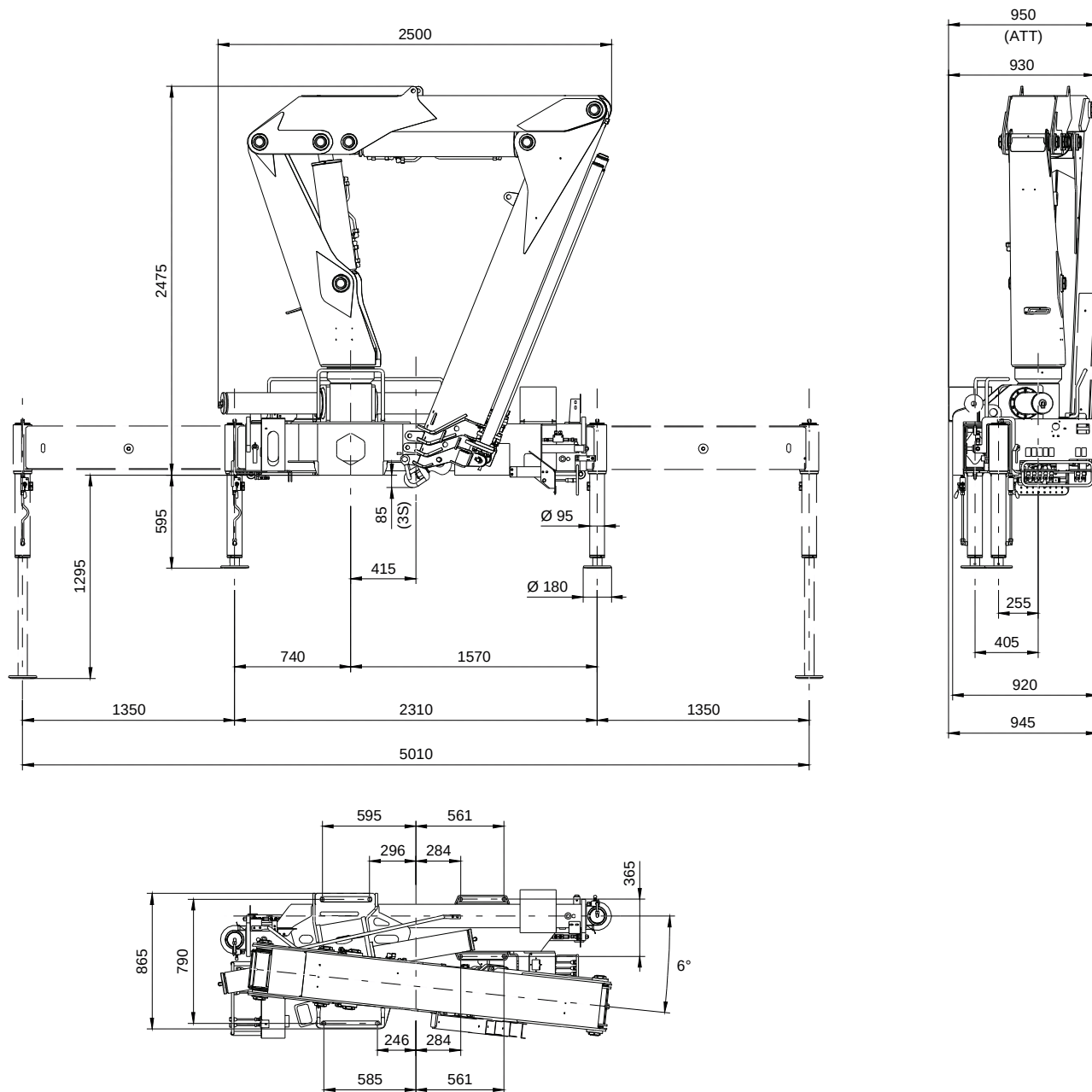
Raccordi di collegamento con pompa Fittings for connection with pump		NO RDC
Linea di pressione distributore Control valve pressure line		7/8 J
Linea di aspirazione serbatoio Tank suction line		F1" BPS

123

Crane - Kran
Grue - Grua - Gru

AMCO **VEBA**
GROUP

DIMENSIONI DI INGOMBRO DIMENSIONS 123 NO CE



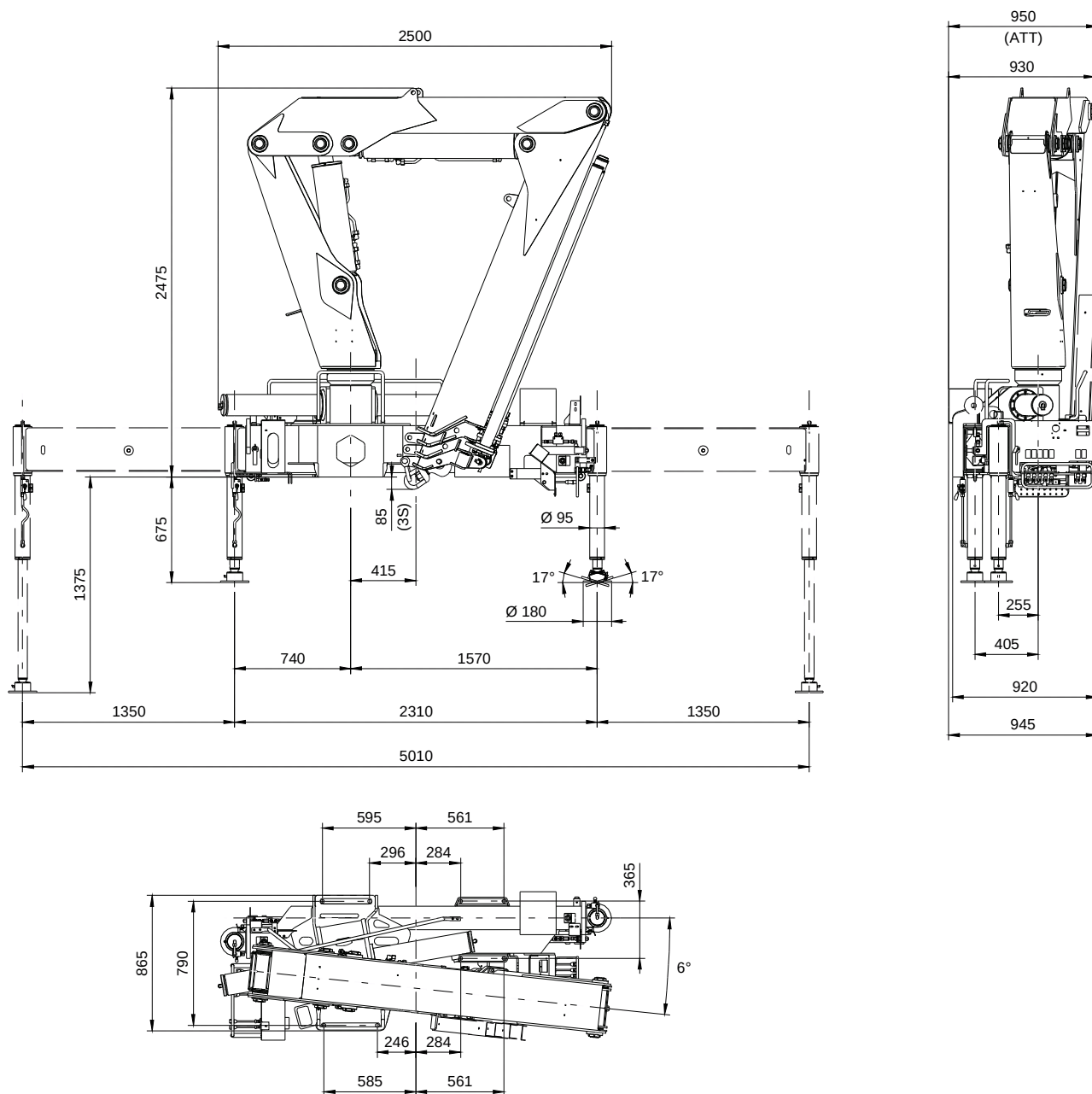
DIMENSIONI DI INGOMBRO
DIMENSIONS
123 CE

DIAGRAMMA PORTATE LOAD DIAGRAM 123 1S

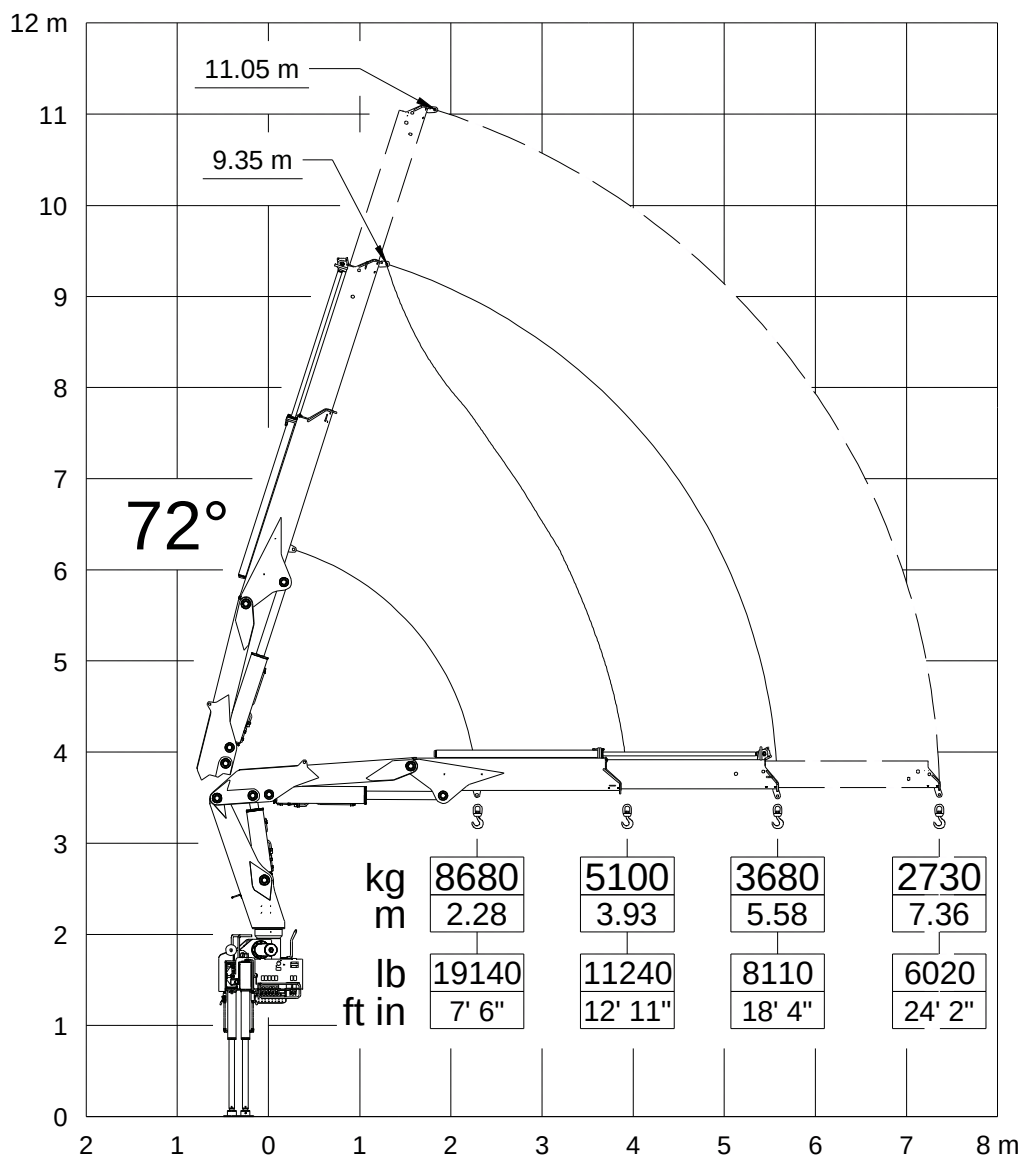
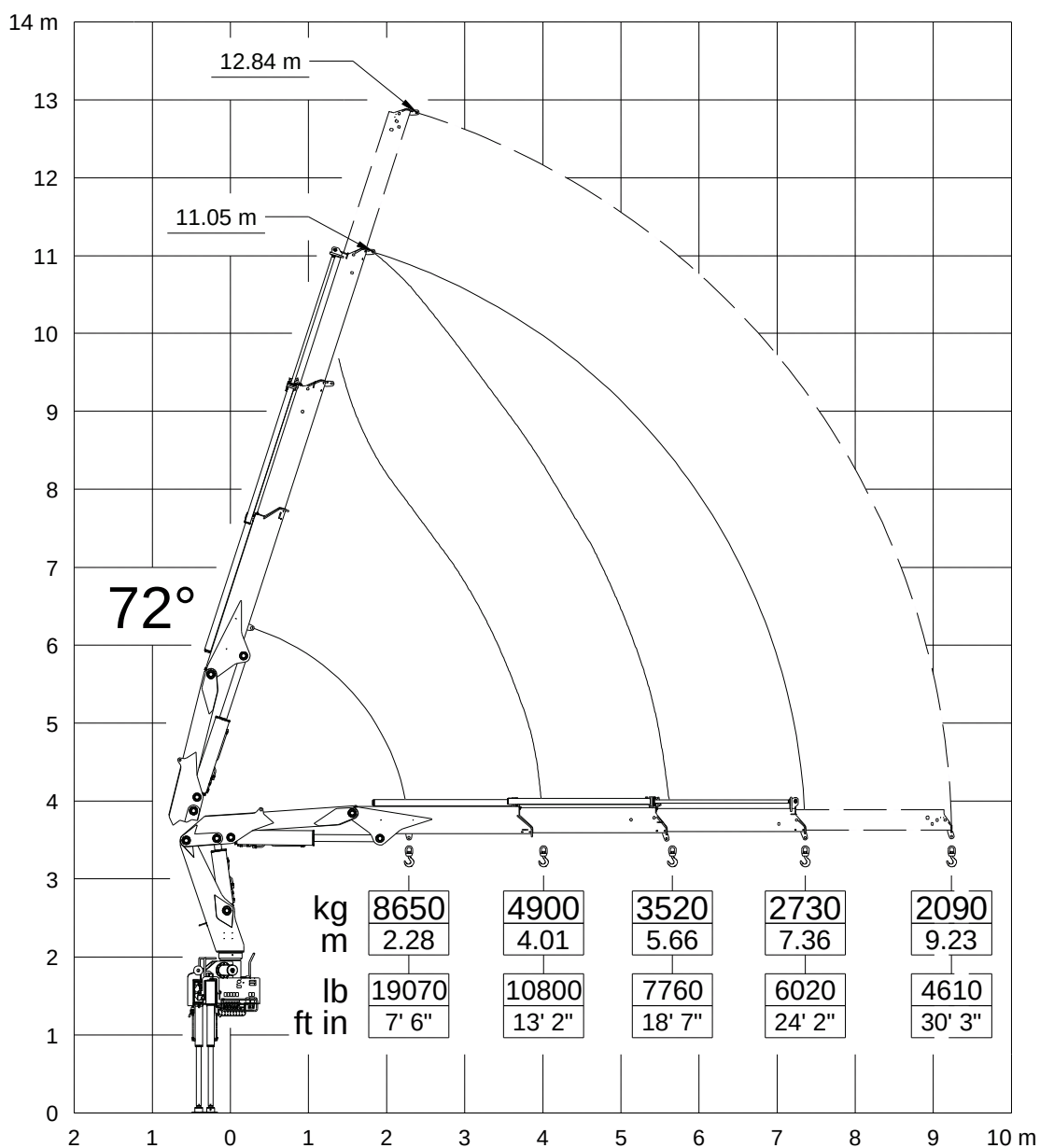


DIAGRAMMA PORTATE LOAD DIAGRAM 123 2S

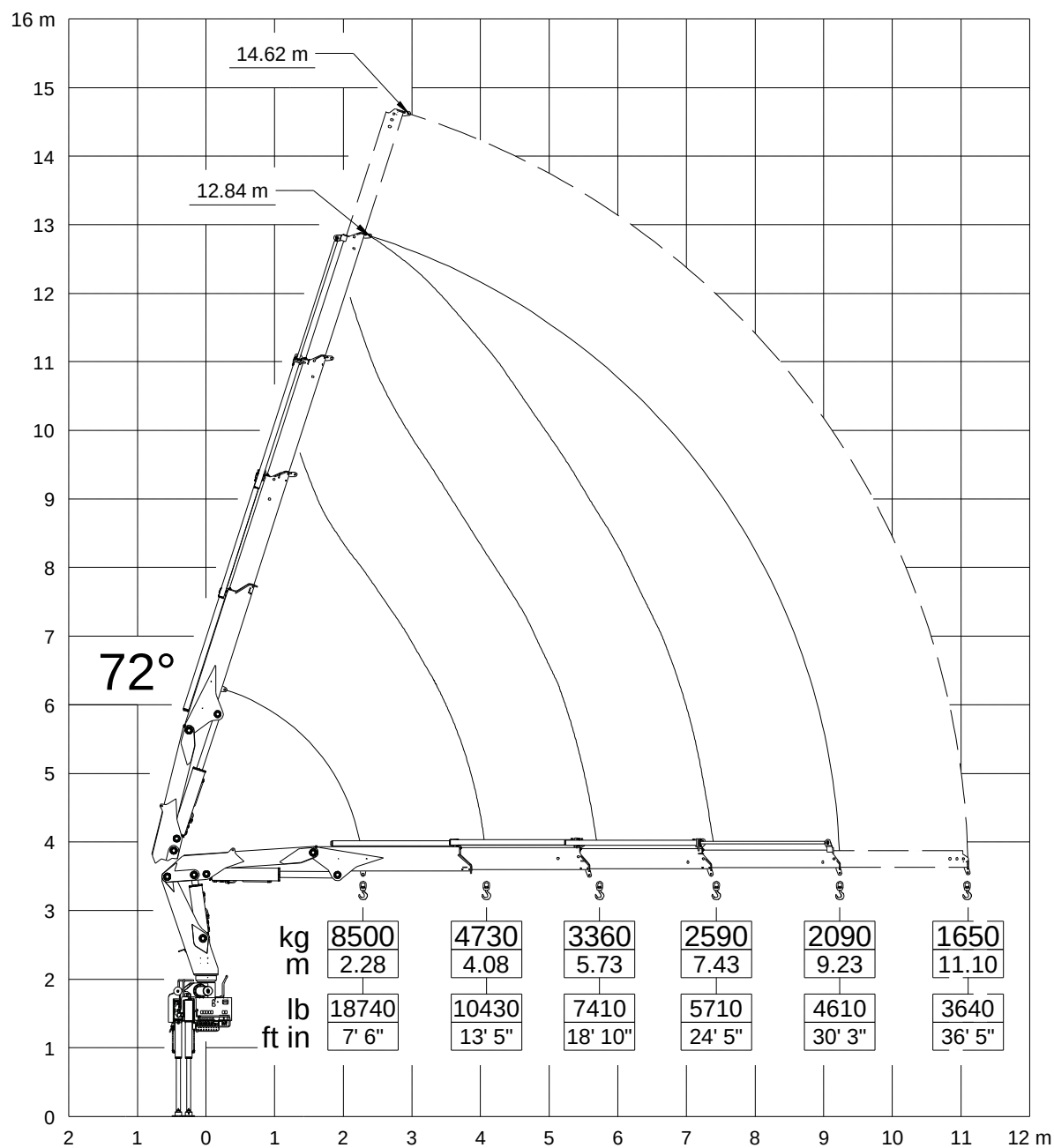


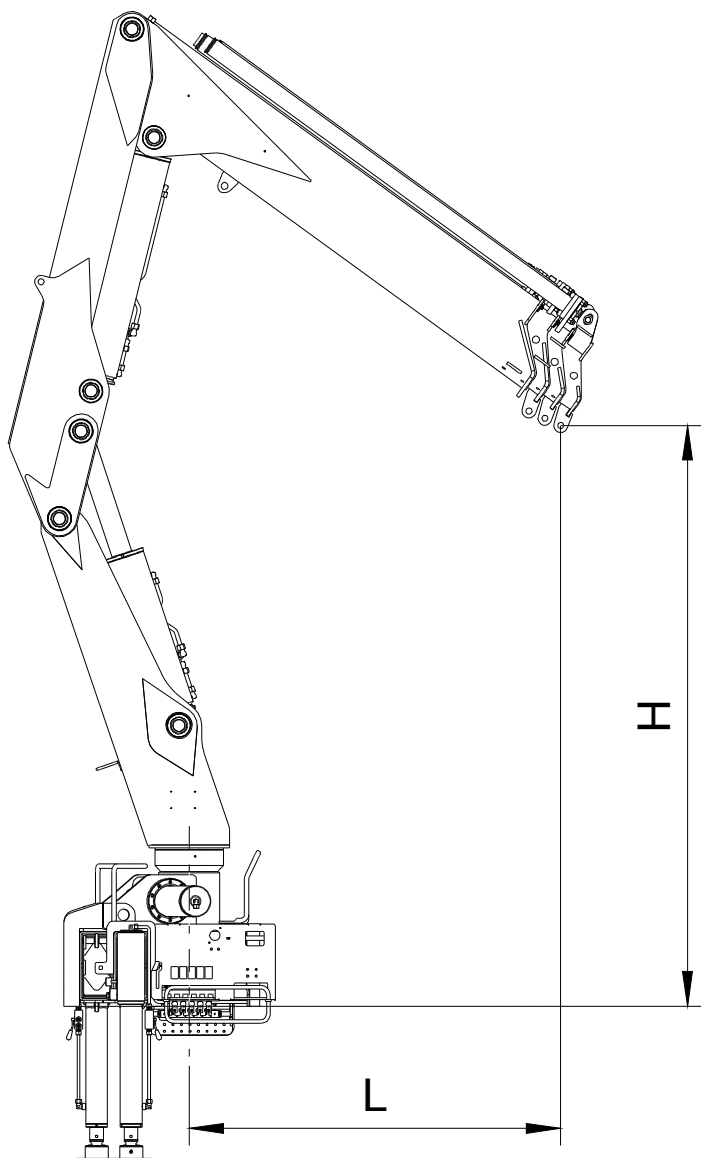
123

Crane - Kran
Grue - Grua - Gru

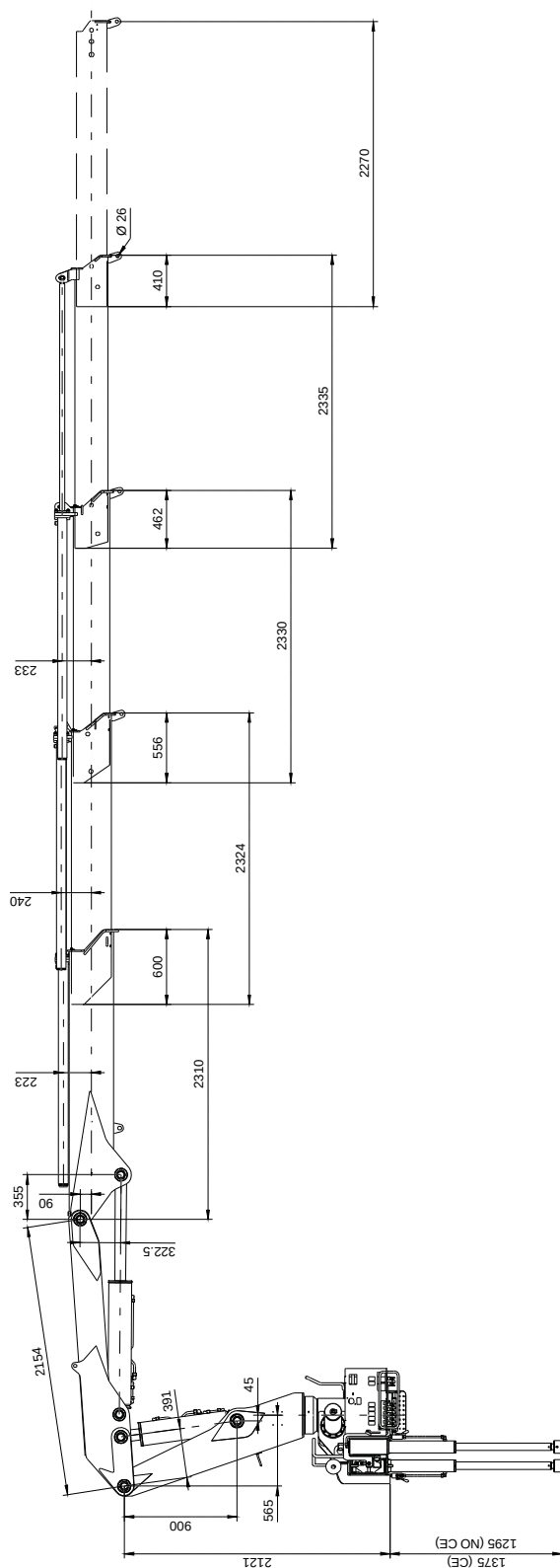


DIAGRAMMA PORTATE LOAD DIAGRAM 123 3S



ALTEZZA ATTACCO GANCIO
HOOK HEIGHT

	L [mm]	H [mm]
1S	1480	2585
2S	1550	2555
3S	1620	2525

DIMENSIONALE COLONNA E BRACCI
COLUMN - BOOM - DIMENSIONS

DIMENSIONI MARTINETTI CYLINDERS DIMENSIONS

CILINDRO DI SOLLEVAMENTO LIFTING CYLINDER

Alesaggio - Cylinder bore	160
Diametro esterno - Cyl. ext. diameter	185
Diametro stelo - Rod diameter	90 - 0
Interasse aperto - Pitch (open)	1349.5
Interasse chiuso - Pitch (closed)	857.5
Corsa - Stroke	492
Raccordi - Fittings	1/2" G
Ø perni articolazione - Artic. pin Ø	60
Materiale perno/i - Pin steel	C40

CILINDRO DI ARTICOLAZIONE ARTICULATION CYLINDER

Alesaggio - Cylinder bore	160
Diametro esterno - Cyl. ext. diameter	185
Diametro stelo - Rod diameter	90 - 0
Interasse aperto - Pitch (open)	1909.5
Interasse chiuso - Pitch (closed)	1137.5
Corsa - Stroke	772
Raccordi - Fittings	1/2" G
Ø perno fissaggio - Fixing pin Ø	60
Mat. perno/i - Pin steel	C40

CILINDRO 1°SFILO 1ST EXTENSION CYL.

Alesaggio - Cylinder bore	70
Diametro esterno - Cyl. ext. diameter	80
Diametro stelo - Rod diameter	45 - 30
Interasse aperto - Pitch (open)	1809
Interasse chiuso - Pitch (closed)	159
Corsa - Stroke	1650
Raccordi - Fittings	1/2" G
Ø perni articolazione - Artic. pin Ø	25
Materiale perno/i - Pin steel	C40

CILINDRO 2°SFILO 2ND EXTENSION CYL.

Alesaggio - Cylinder bore	65
Diametro esterno - Cyl. ext. diameter	75
Diametro stelo - Rod diameter	40 - 25
Interasse aperto - Pitch (open)	1842.5
Interasse chiuso - Pitch (closed)	142.5
Corsa - Stroke	1700
Raccordi - Fittings	1/2" G
Ø perno fissaggio - Fixing pin Ø	25
Mat. perno/i - Pin steel	C40

CILINDRO 3°SFILO 3RD EXTENSION CYL.

Alesaggio - Cylinder bore	65
Diametro esterno - Cyl. ext. diameter	75
Diametro stelo - Rod diameter	40 - 25
Interasse aperto - Pitch (open)	1890.5
Interasse chiuso - Pitch (closed)	90.5
Corsa - Stroke	1800
Raccordi - Fittings	1/2" G
Ø perni articolazione - Artic. pin Ø	25
Materiale perno/i - Pin steel	C40

CILINDRO DI ROTAZIONE ROTATION CYLINDER

Alesaggio - Cylinder bore	120
Diametro esterno - Cyl. ext. diameter	135
Diametro stelo - Rod diameter	-
Interasse aperto - Pitch (open)	-
Interasse chiuso - Pitch (closed)	-
Corsa - Stroke	629
Raccordi - Fittings	-
Ø perno fissaggio - Fixing pin Ø	-
Mat. perno/i - Pin steel	-

CILINDRO STABILIZZATORE STABILIZER CYLINDER

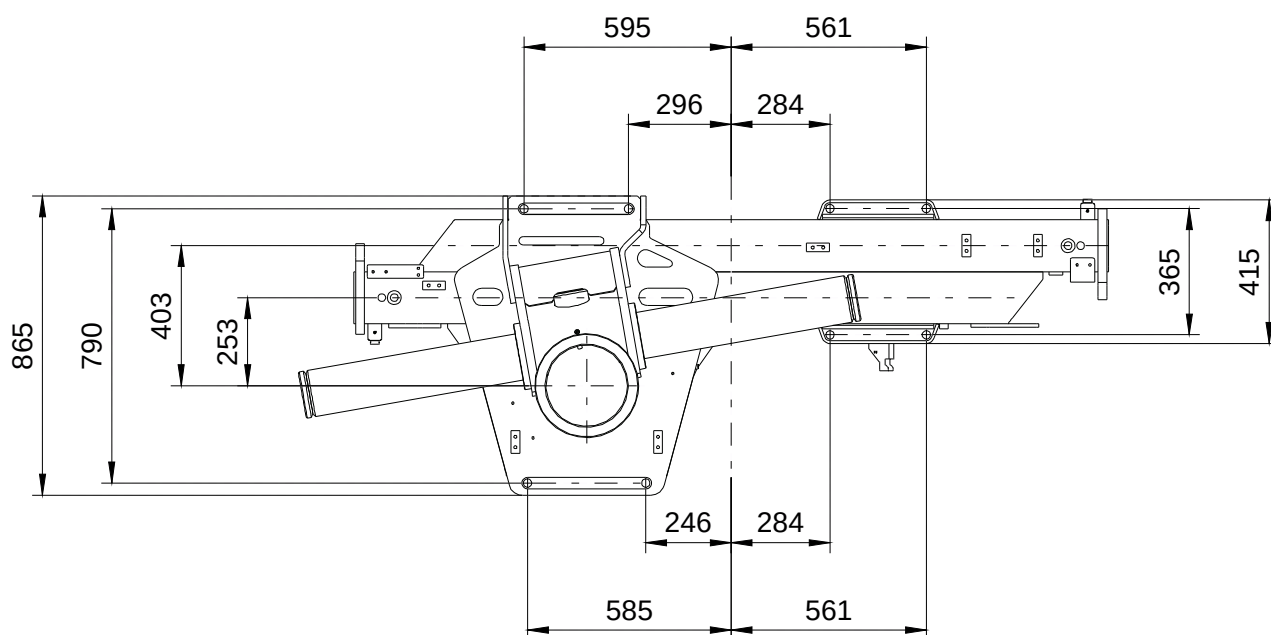
Alesaggio - Cylinder bore	80
Diametro esterno - Cyl. ext. diameter	95
Diametro stelo - Rod diameter	60 - 0
Interasse aperto - Pitch (open)	1303
Interasse chiuso - Pitch (closed)	603
Corsa - Stroke	700
Raccordi - Fittings	3/8" G
Ø perni articolazione - Artic. pin Ø	-
Materiale perno/i - Pin steel	-

CILINDRO ALLARG. ASTE STABILIZER EXTENSION CYL.

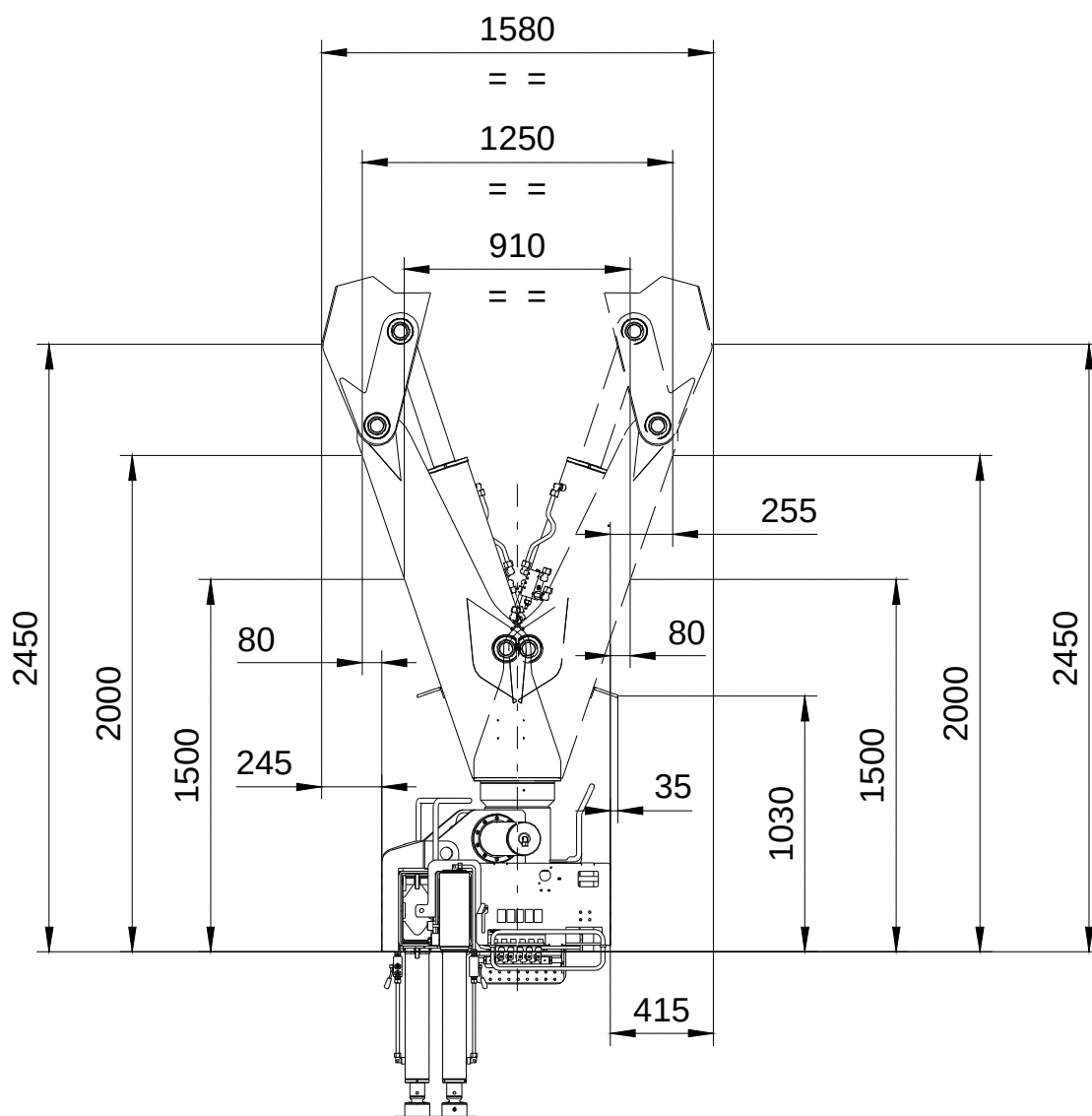
Alesaggio - Cylinder bore	40
Diametro esterno - Cyl. ext. diameter	50
Diametro stelo - Rod diameter	25 - 0
Interasse aperto - Pitch (open)	2884
Interasse chiuso - Pitch (closed)	1534
Corsa - Stroke	1350
Raccordi - Fittings	1/4" G
Ø perno fissaggio - Fixing pin Ø	20
Mat. perno/i - Pin steel	E355

DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE

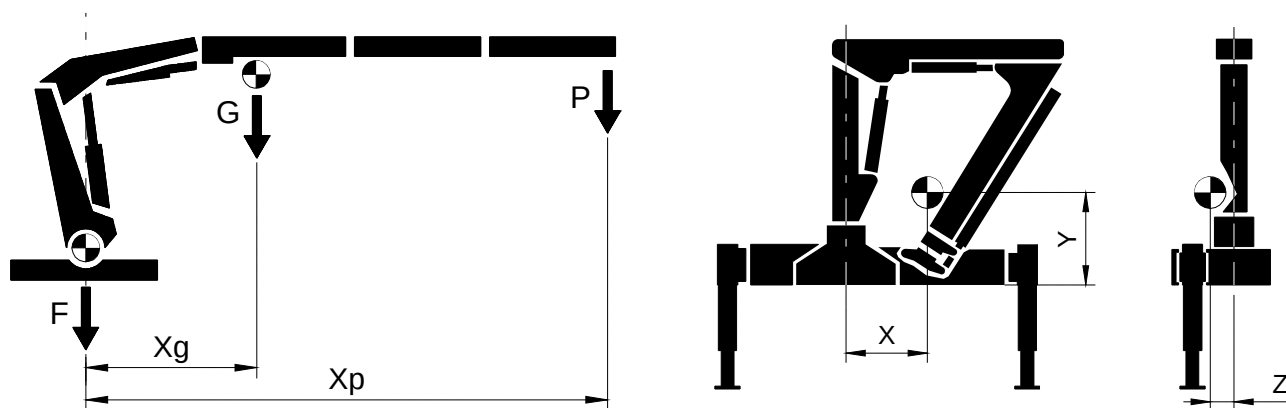
BASE DIMENSIONS, TIE RODS & ROTATION SCREWS



Tiranti di staffaggio Tie mounting rods	N°8 M24x2 42CrMo4 BNF
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

INGOMBRO IN ROTAZIONE
ROTATION RADIUS

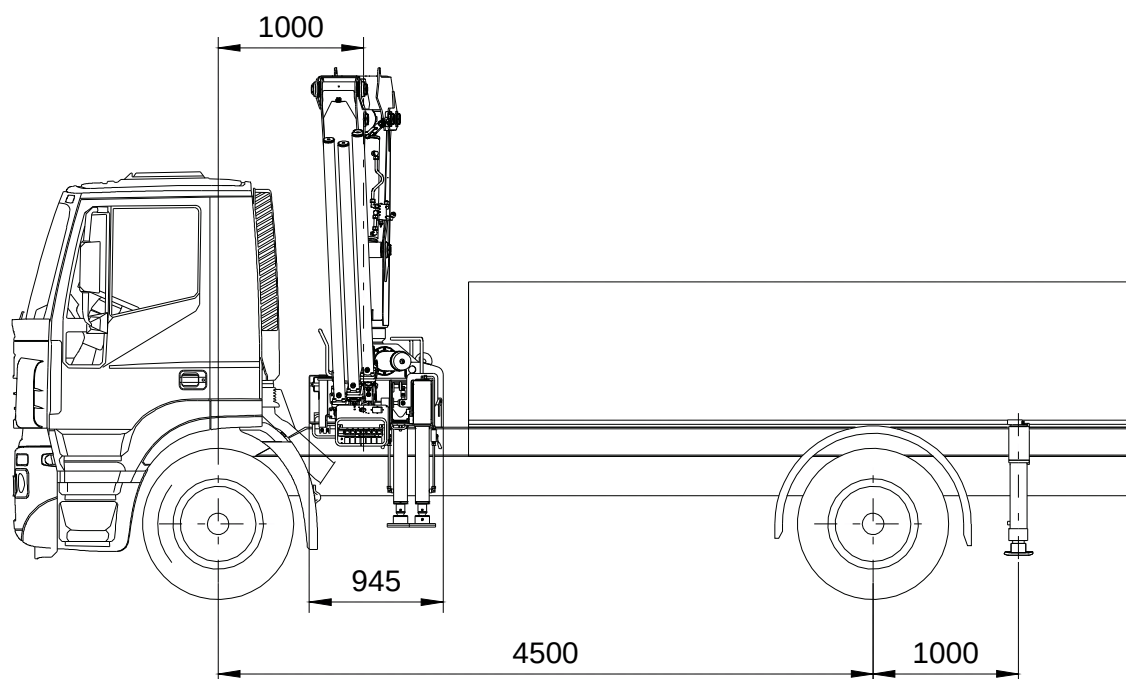
PESI – BARICENTRI WEIGHTS – CENTER OF GRAVITY



123	F [kg]	G [kg]	Xg [m]	P [kg]	Xp [m]	TL [kg]	X [mm]	Y [mm]	Z [mm]
1S 	STD: 1350 HYD: 1405	685	1.85	3680	5.58	4600	380	875	90
2S 		820	2.48	2730	7.36	3413	420	880	80
3S 		945	3.23	2090	9.23	2613	455	885	65

F = peso parti fisse
G = peso bracci a sbalzo
Xg = distanza di G da asse colonna
P = carico nominale
Xp = distanza di P da asse colonna
TL = carico per prova di stabilità
X, Y, Z = coordinate baricentro (gru chiusa)

F = weight of fixed parts
G = weight of extension booms
Xg = distance of G from column axis
P = nominal load
Xp = distance of P from column axis
TL = stability test load
X, Y, Z = center of gravity coordinates (closed crane)

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

Tara asse anteriore = 4220 kg

Carico ammissibile asse anteriore = 7500 kg

Asse posteriore

Tara asse posteriore = 1925 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 4220 kg

Allowable front axle weight = 7500 kg

Rear axle

Rear axle tare weight = 1925 kg

PESI ALLESTIMENTO

Massa cassone = 600 kg

Peso gru = 2350 kg (123-3S HYD)

Massa controtelaio = 780 kg

OUTFIT WEIGHTS

Body weight = 600 kg

Crane weight = 2350 kg (123-3S HYD)

Counterframe weight = 780 kg

Stabilizzatori supplementari

Apertura minima = 3300 mm

Peso stabilizzatori supplementari = 210 kg

Rear beam stabilizers

Min. width = 3300 mm

Rear stabilizer weight = 210 kg

Coefficiente di stabilità = 1,34**Stability index = 1,34**

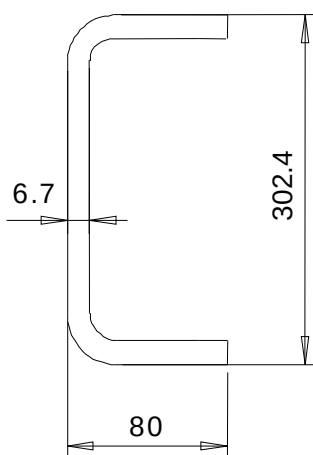
CONTROTELAIO MINIMO
MIN COUNTERFRAME**Momento dinamico max (daNm)**

24700

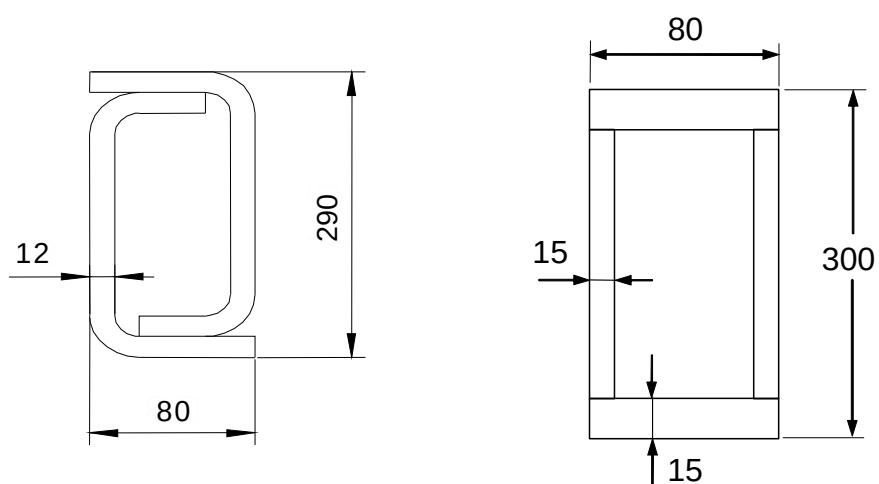
Max dynamic moment

Sezione telaio minima (autocarro PTT=190 q)

Min frame section (truck GVW 19 ton)

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

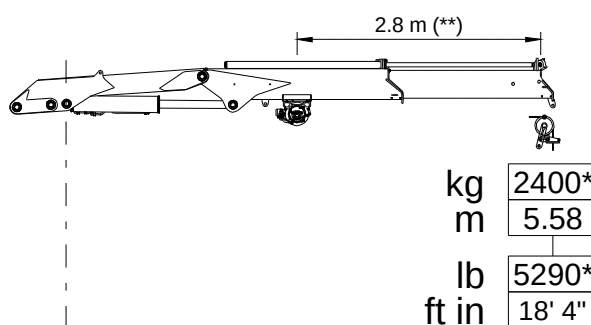
Min counterframe section (steel S355)



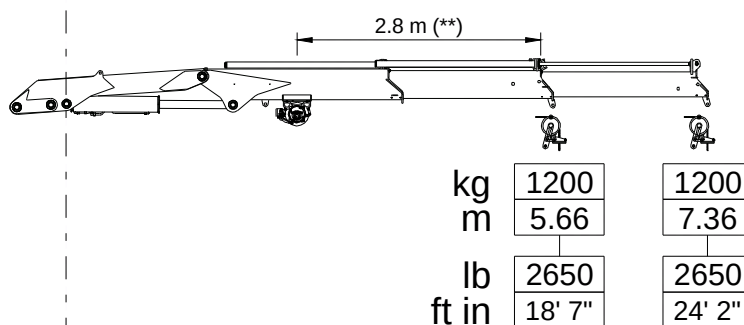
CARATTERISTICHE VERRICELLO IDRAULICO
HYDRAULIC WINCH DATAMax tiro diretto (kg)
Max winch direct pull (kg)

1200 kg

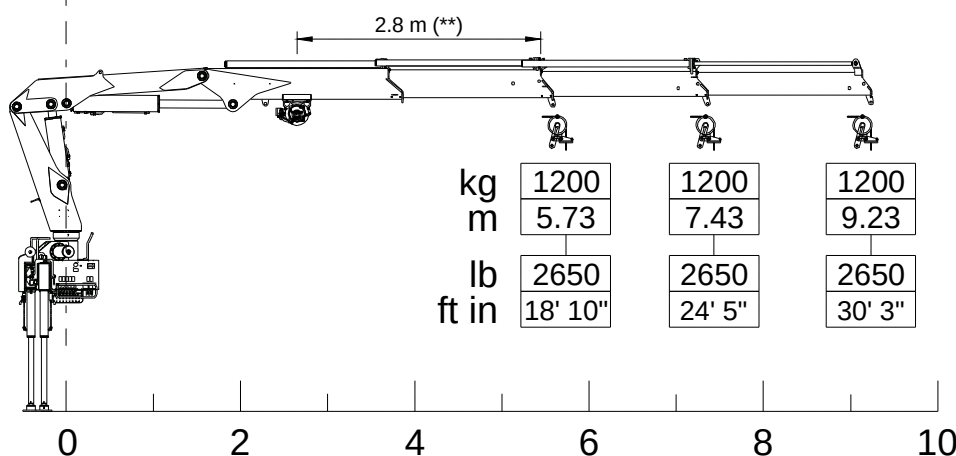
123-1S



123-2S



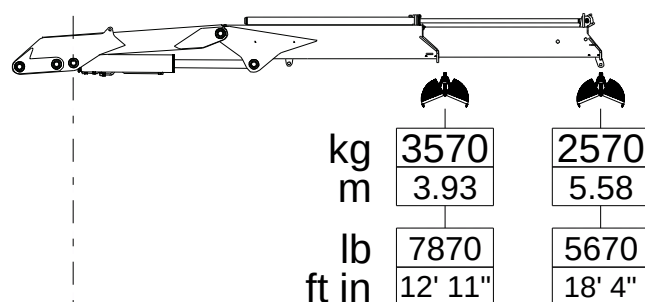
123-3S

(*) = Puleggia argano con tiro doppio
(*) = Winch pulley with double line pull(**) = Distanza minima di utilizzo argano
(**) = Min distance for using the winch

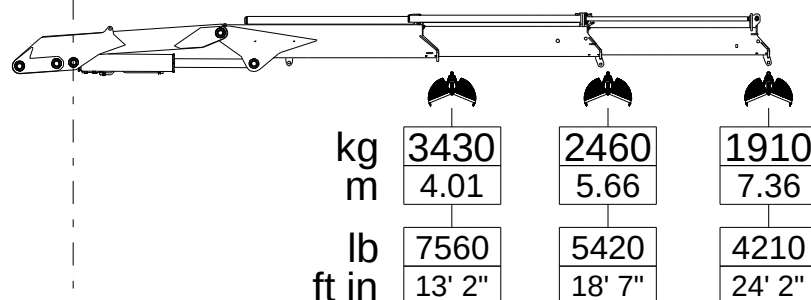
CARATTERISTICHE ACCESSORI BENNA-POLIPO
GRAB - BUCKET DATA

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

123-1S



123-2S



123-3S

