

806N - 906N

RACCOLTA TECNICA **TECHNICAL SHEET**



CARATTERISTICHE GENERALI

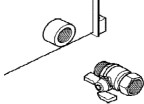
TECHNICAL DATA

Momento dinamico max (daNm) Max dynamic moment	8180
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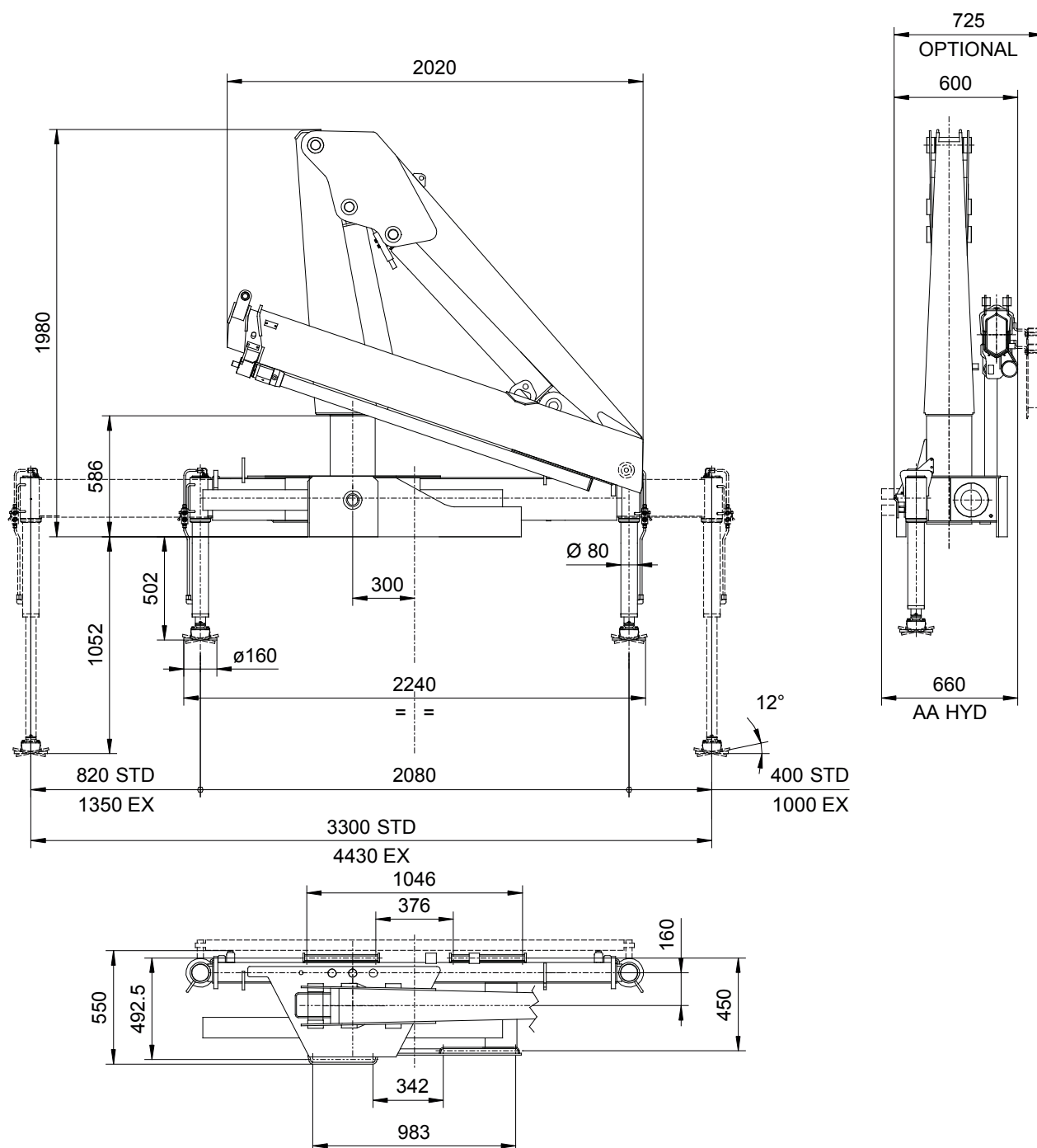
	Versione	806N - 906N
Portata max (kg) Max capacity	1S	2630
	2S	2565
	3S	2465
	4S	2390
	3SJ1	590

	Versione	STD	EX	EX HYD
Massa in ordine di lavoro (kg) Crane weight	1S	900	945	980
	2S	970	1015	1050
	3S	1030	1075	1110
	4S	1080	1125	1160
	3SJ1	1210	1255	1290

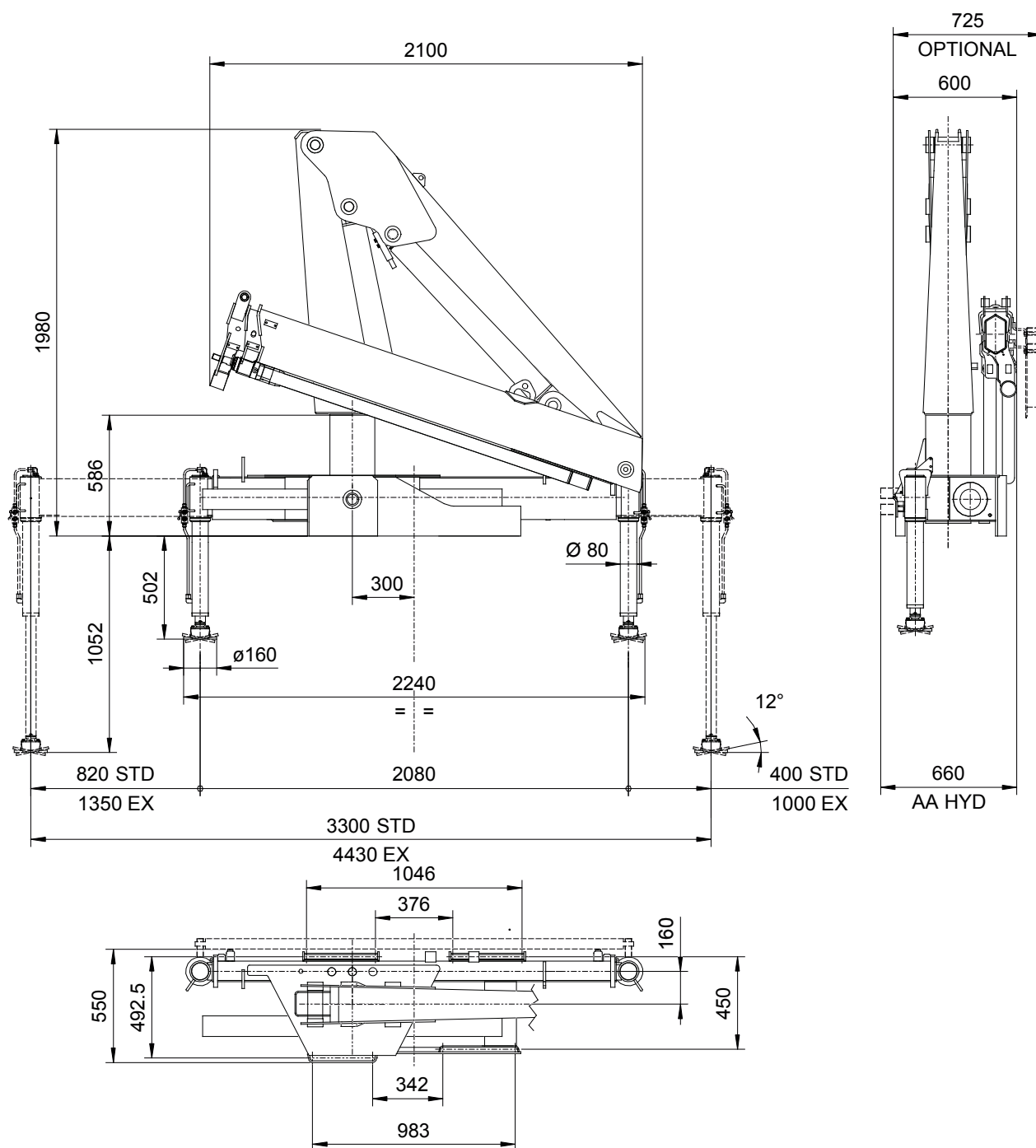
Reazione massima sullo stabilizzatore standard Max force on the standard stabilizer leg	5435 daN
Reazione massima sullo stabilizzatore extra Max force on the extra stabilizer leg	3835 daN
Carico massimo trasmesso al suolo da stabilizzatori standard Max standard stabilizer pressure on the ground	36 daN/cm ²
Carico massimo trasmesso al suolo da stabilizzatori extra Max extra stabilizer pressure on the ground	25 daN/cm ²
Pressione massima di esercizio Max working pressure	245 bar
Portata massima di olio Max oil flow	20 l/min
Capacità serbatoio olio Oil tank capacity	35 l
Coppia di rotazione Slewing moment	1336 daNm
Angolo di rotazione Slewing angle	387°
Potenza assorbita Absorbed power	10.8 kW 14.5 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	M 3/4" - 16 JIC	M 3/4" - 16 JIC
Linea di aspirazione serbatoio Tank suction line	 F 1" BSP	F 1" BSP

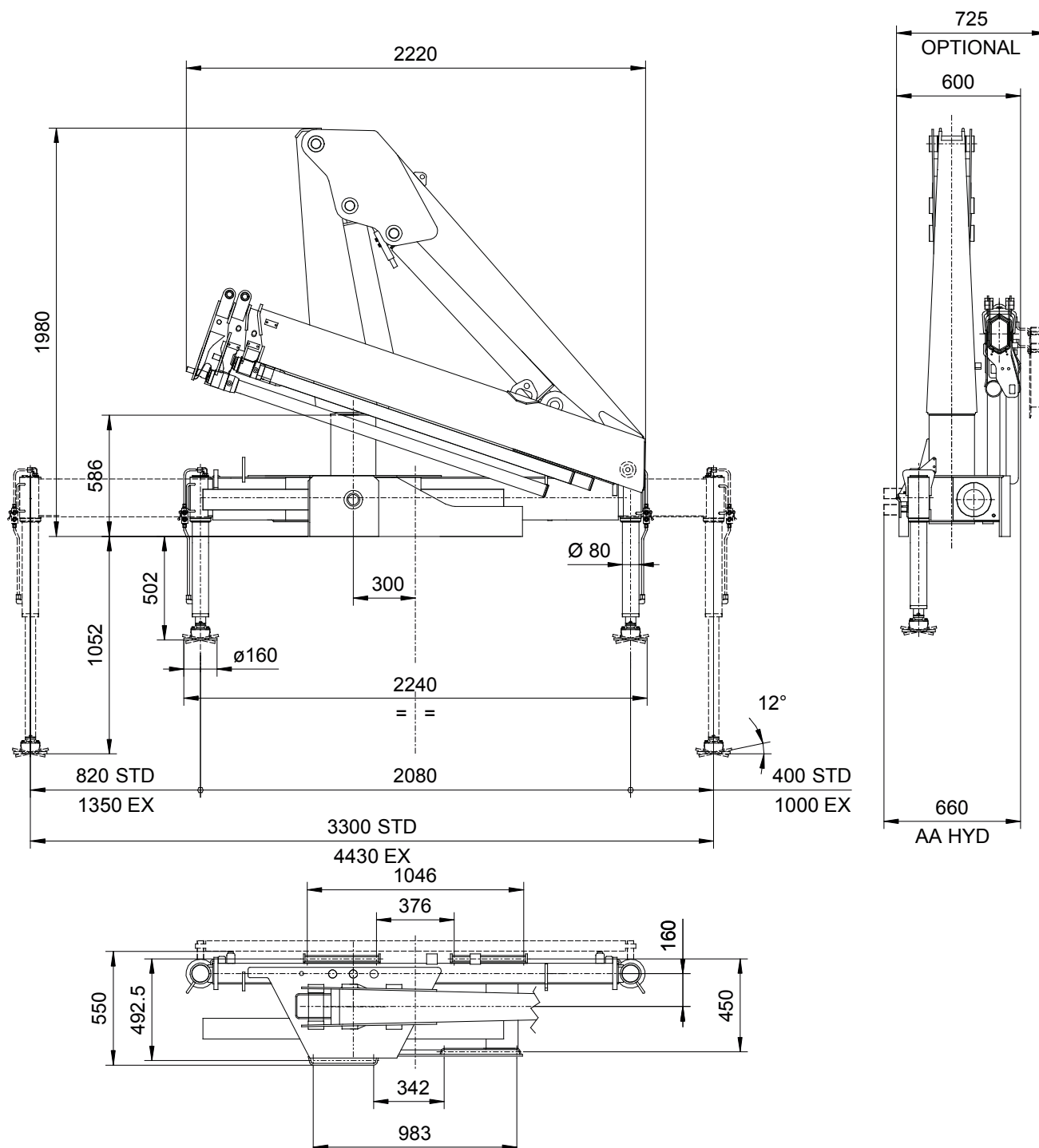
DIMENSIONI DI INGOMBRO
DIMENSIONS
1S



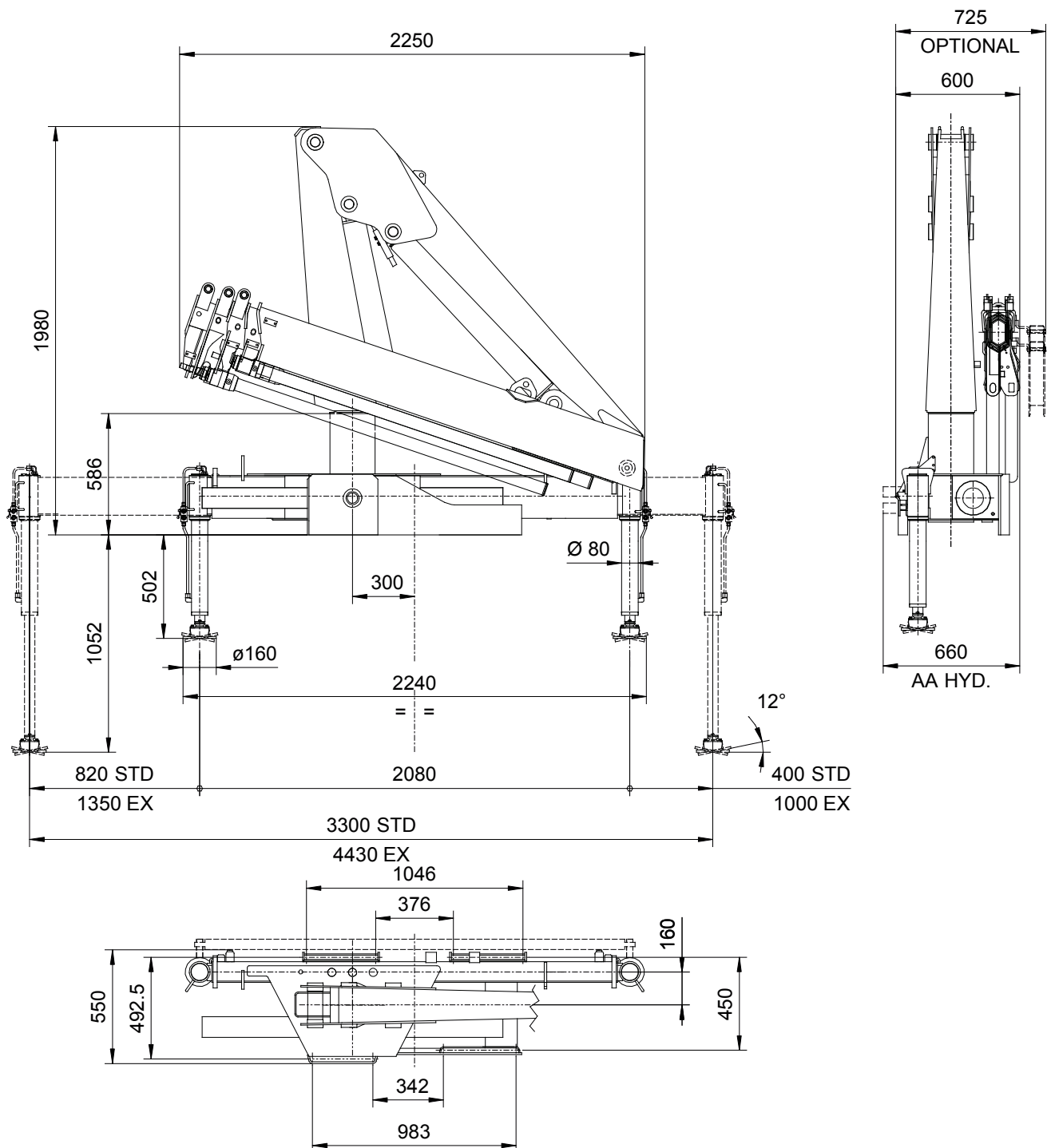
DIMENSIONI DI INGOMBRO
DIMENSIONS
2S



DIMENSIONI DI INGOMBRO
DIMENSIONS
3S



DIMENSIONI DI INGOMBRO
DIMENSIONS
4S



DIMENSIONI DI INGOMBRO
DIMENSIONS
3SJ1

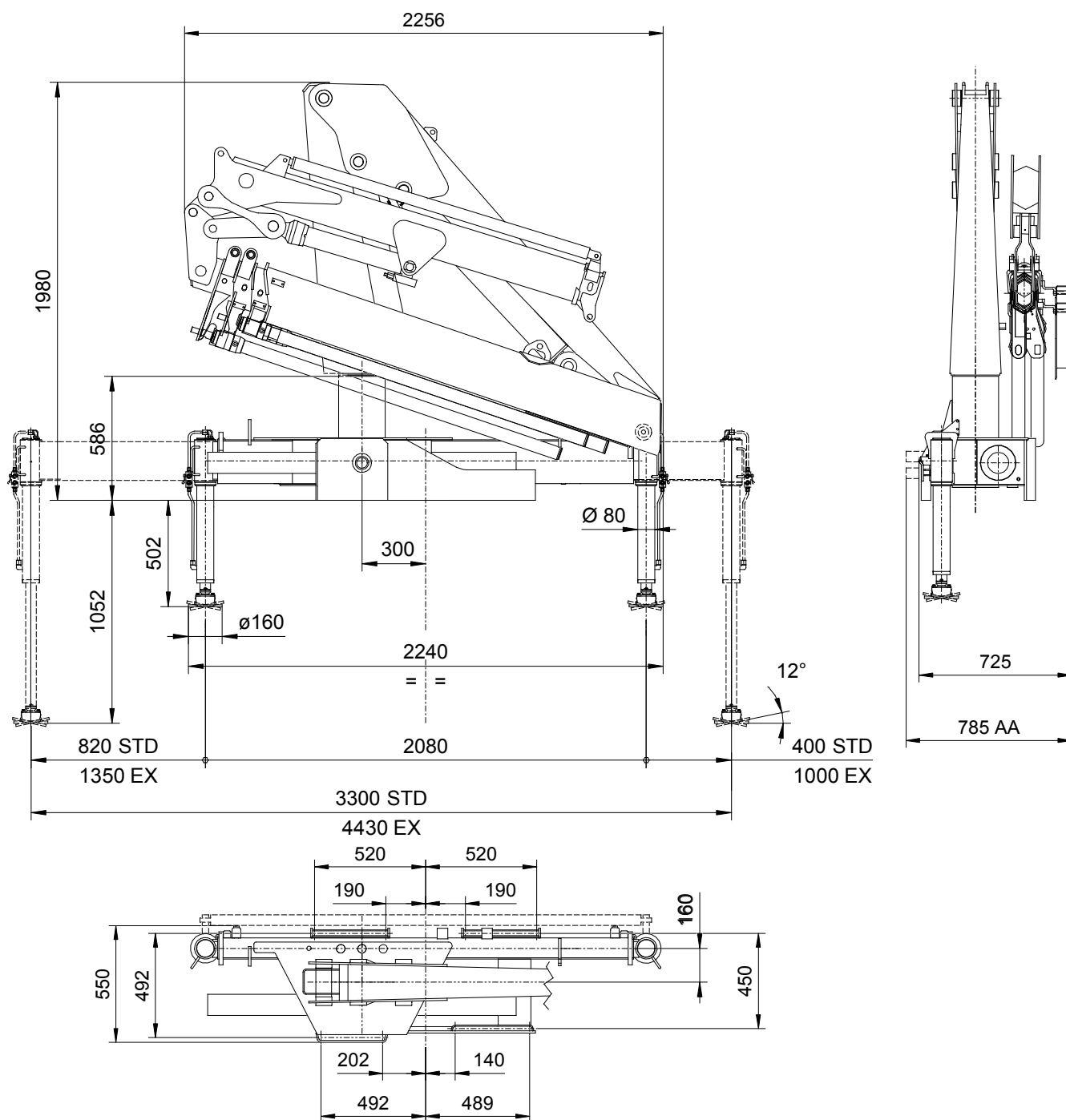


DIAGRAMMA PORTATE
LOAD DIAGRAM
1S

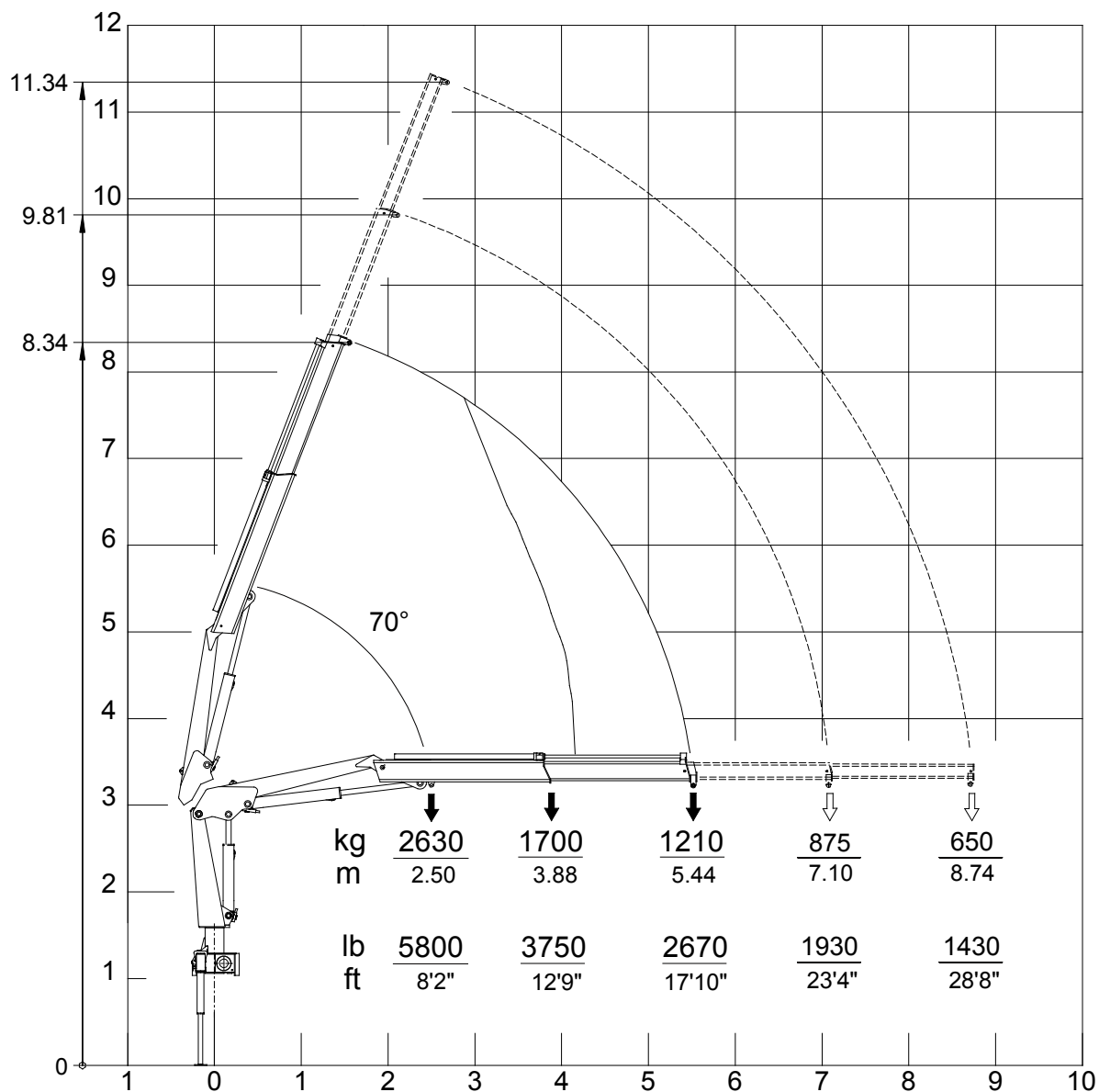


DIAGRAMMA PORTATE
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2S

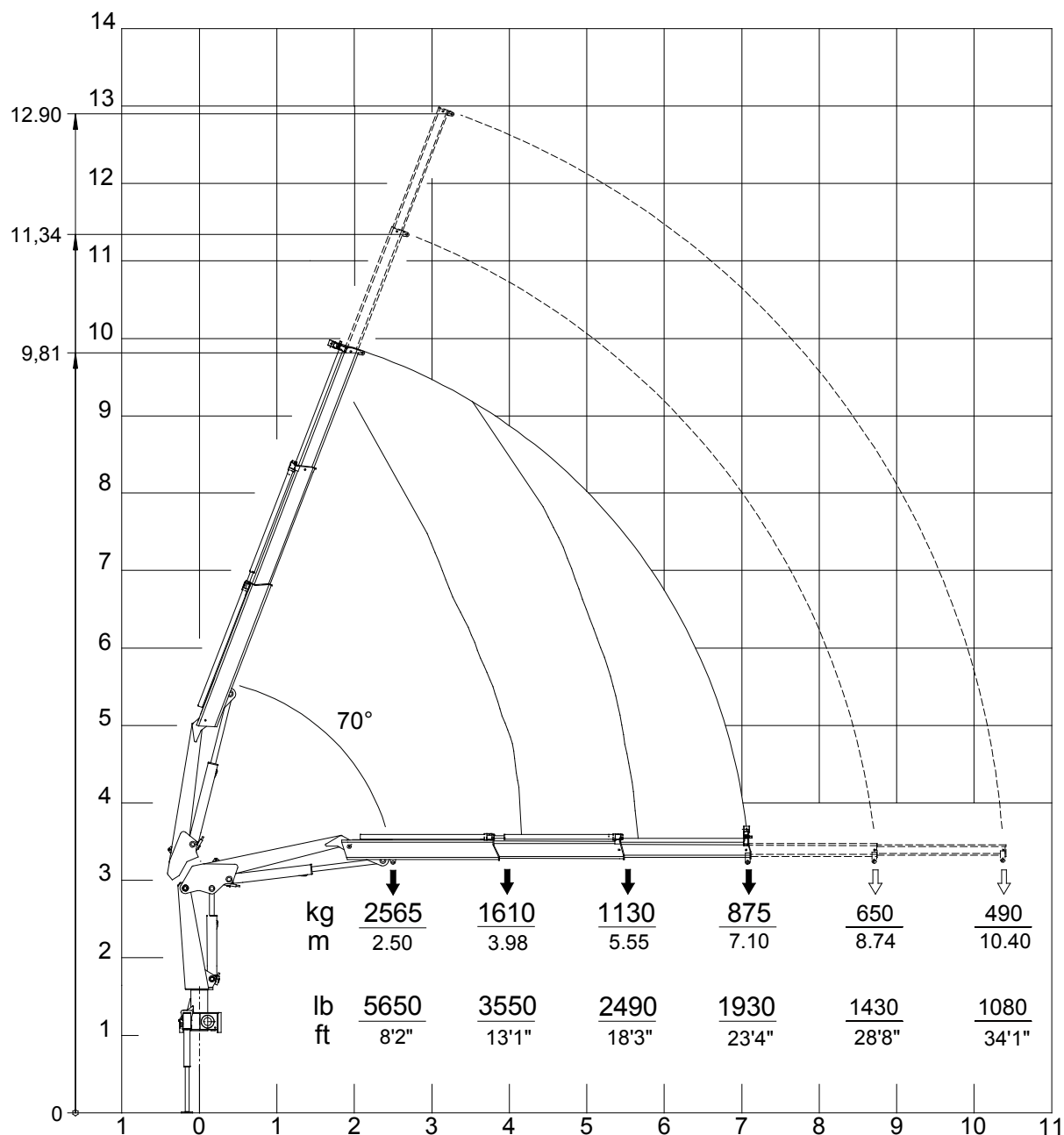


DIAGRAMMA PORTATE
LOAD DIAGRAM
3S

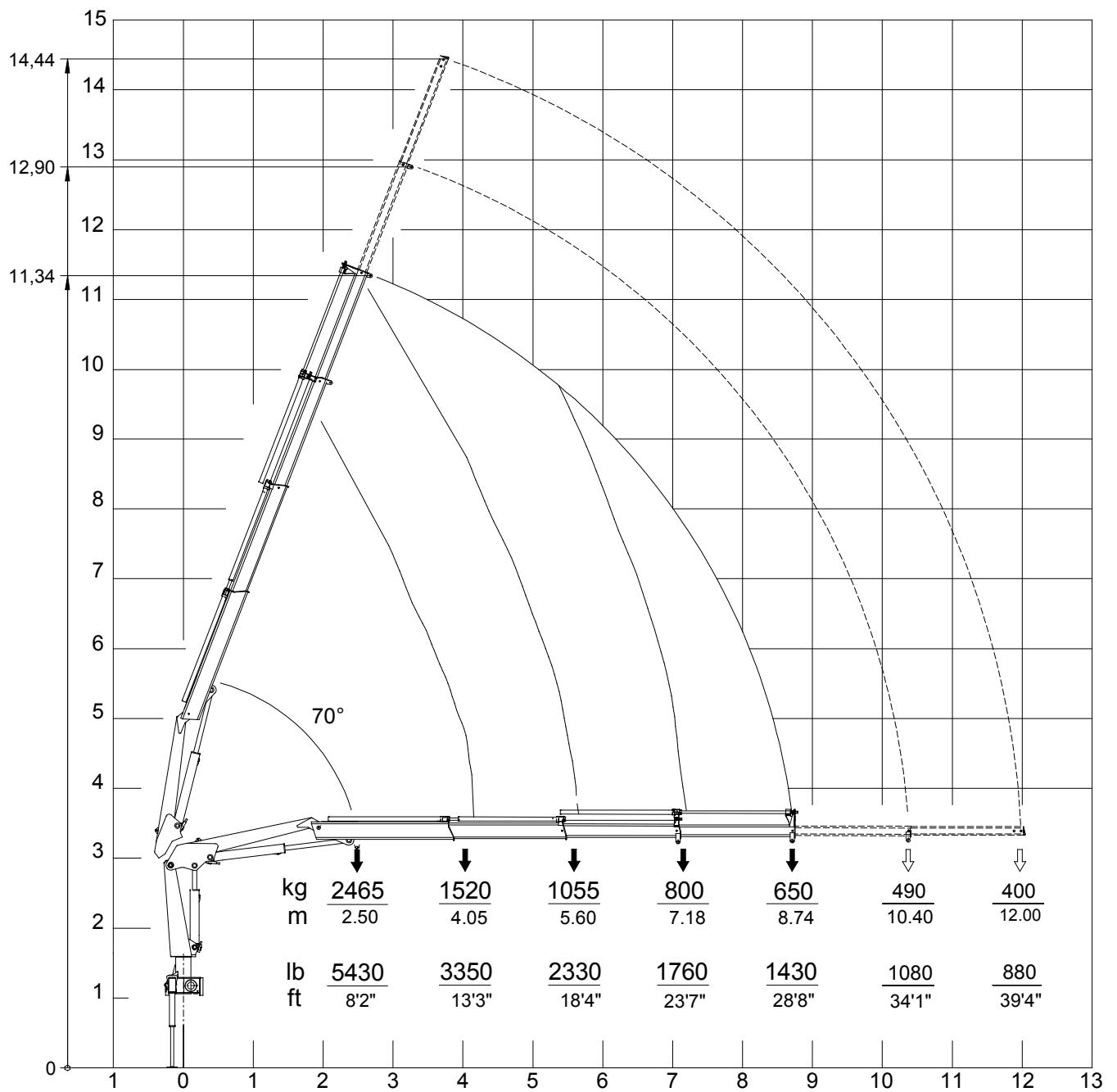


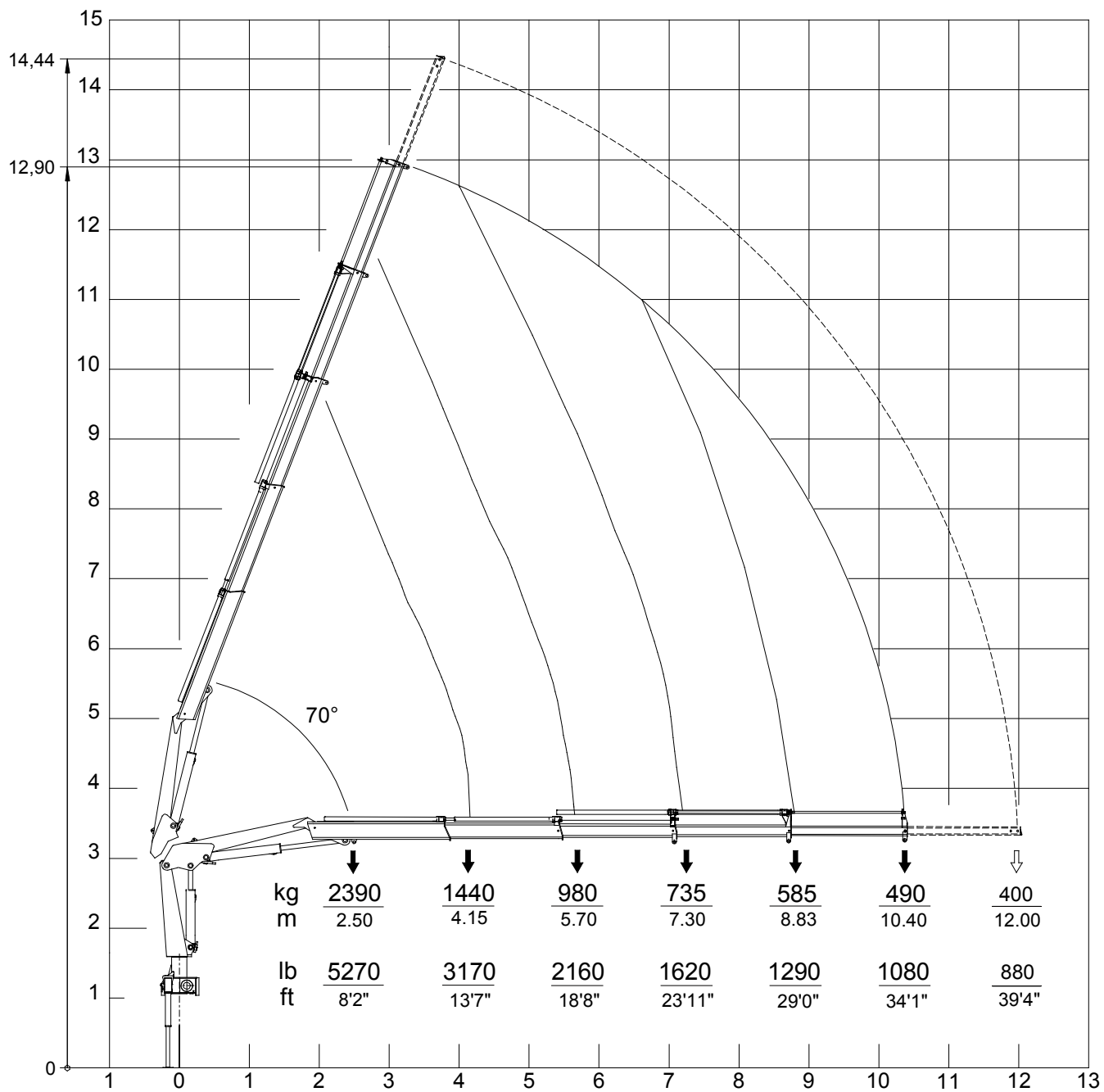
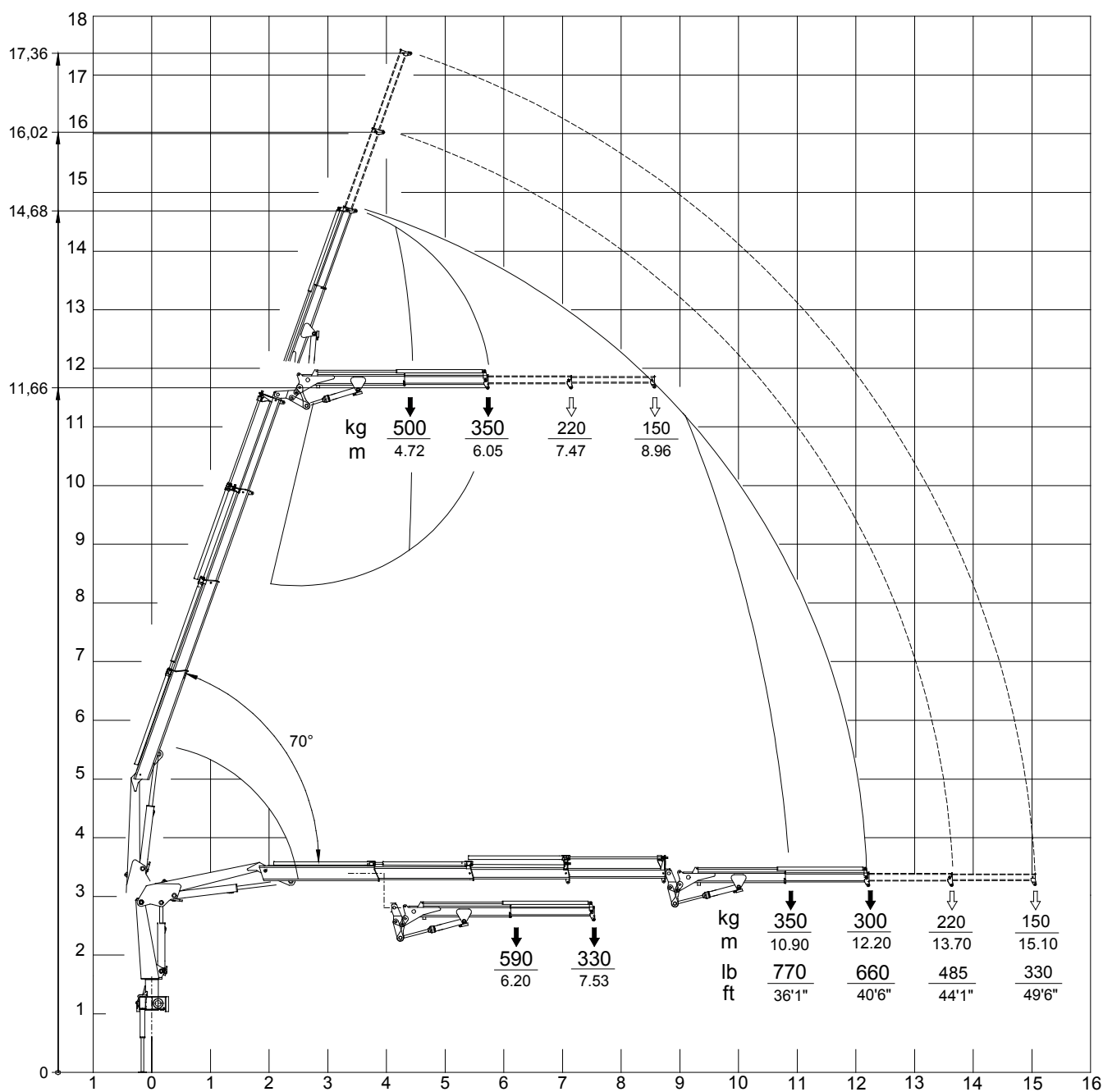
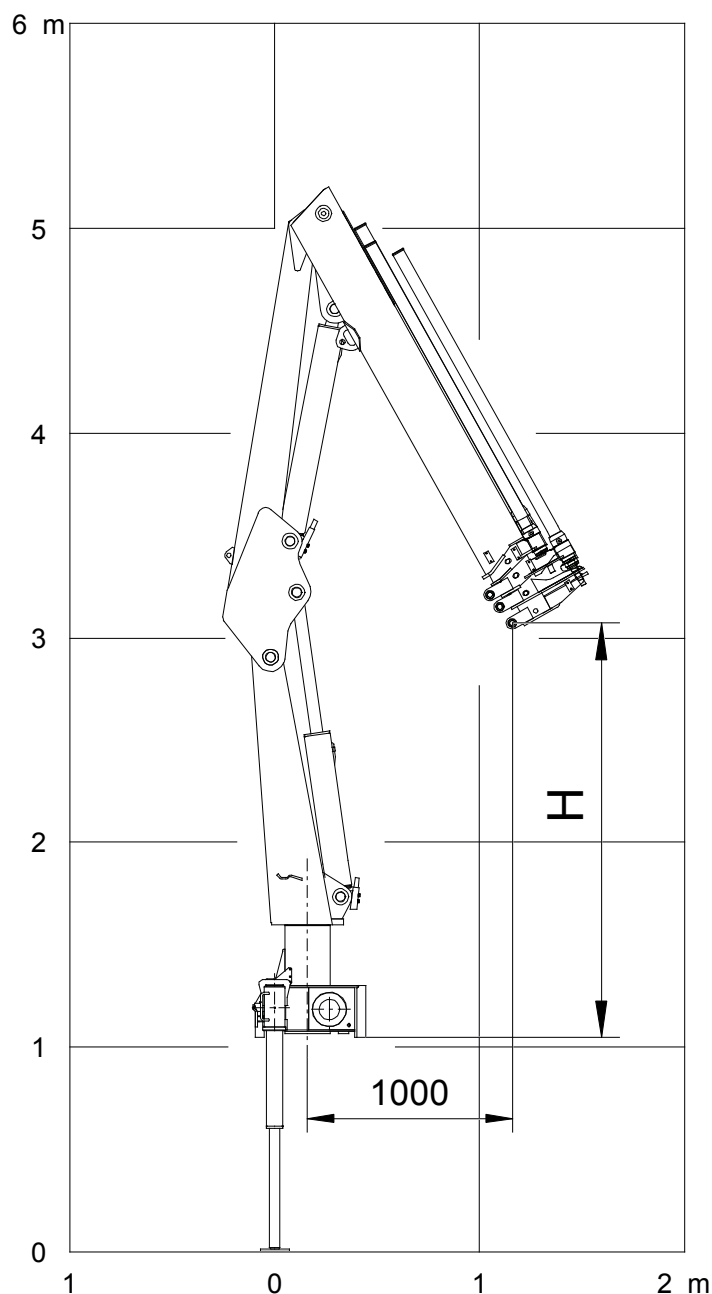
DIAGRAMMA PORTATE
LOAD DIAGRAM
4S

DIAGRAMMA PORTATE **LOAD DIAGRAM** **3SJ1**

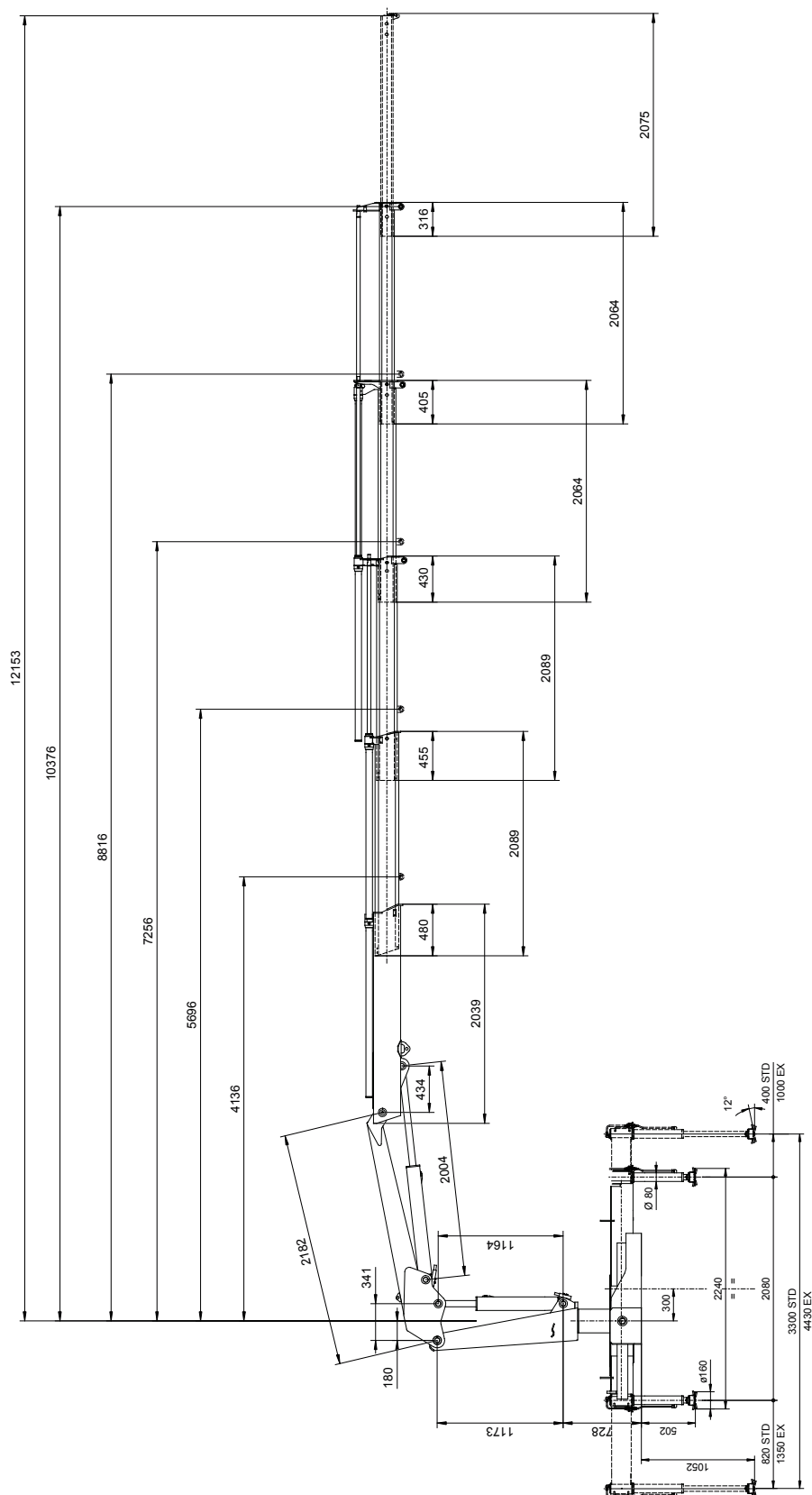


ALTEZZA ATTACCO GANCIO HOOK HEIGHT



	H
V806N 1S	2215 mm
V806N 2S	2215 mm
V806N 3S	2135 mm
V806N 4S	2025 mm

DIMENSIONI COLONNA E BRACCI COLUMN AND BOOM DIMENSIONS



DIMENSIONI CILINDRI E PERNI

CYLINDERS AND PINS DIMENSIONS

CILINDRO DI SOLLEVAMENTO LIFTING CYLINDER	1S-2S-3S-4S
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>Centers (open)</i>	1505
Interasse chiuso - <i>Centers (closed)</i>	890
Corsa - <i>Stroke</i>	615
Ø perni articolazione - <i>Artic. pin Ø</i>	45
Materiale perno/i - <i>Pin material</i>	C45

CILINDRO DI ARTICOLAZIONE ARTICULATION CYLINDER	1S-2S-3S-4S
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>Centers (open)</i>	2004
Interasse chiuso - <i>Centers (closed)</i>	1134
Corsa - <i>Stroke</i>	870
Ø perno fissaggio - <i>Fixing pin Ø</i>	45
Materiale perno/i - <i>Pin material</i>	C45

CILINDRO 1° SFILO 1ST EXTENSION CYL.	1S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO 1° SFILO 1ST EXTENSION CYL.	2S-3S-4S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	35 - 25
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO 2° SFILO 2ND EXTENSION CYL.	2S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO 2° SFILO 2ND EXTENSION CYL.	3S-4S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	35 - 25
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO 3° SFILO 3TH EXTENSION CYL.	3S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO 3° SFILO 3TH EXTENSION CYL.	4S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	35 - 25
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO 4° SFILO 4TH EXTENSION CYL.	4S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

CILINDRO DI ROTAZIONE ROTATION CYLINDER	1S-2S-3S-4S
Alesaggio - <i>Cylinder bore</i>	90
Diametro esterno - <i>Cyl. ext. diameter</i>	100
Diametro stelo - <i>Rod diameter</i>	-
Interasse aperto - <i>Centers (open)</i>	-
Interasse chiuso - <i>Centers (closed)</i>	-
Corsa - <i>Stroke</i>	567

DIMENSIONI MARTINETTI CYLINDERS DIMENSIONS JIB

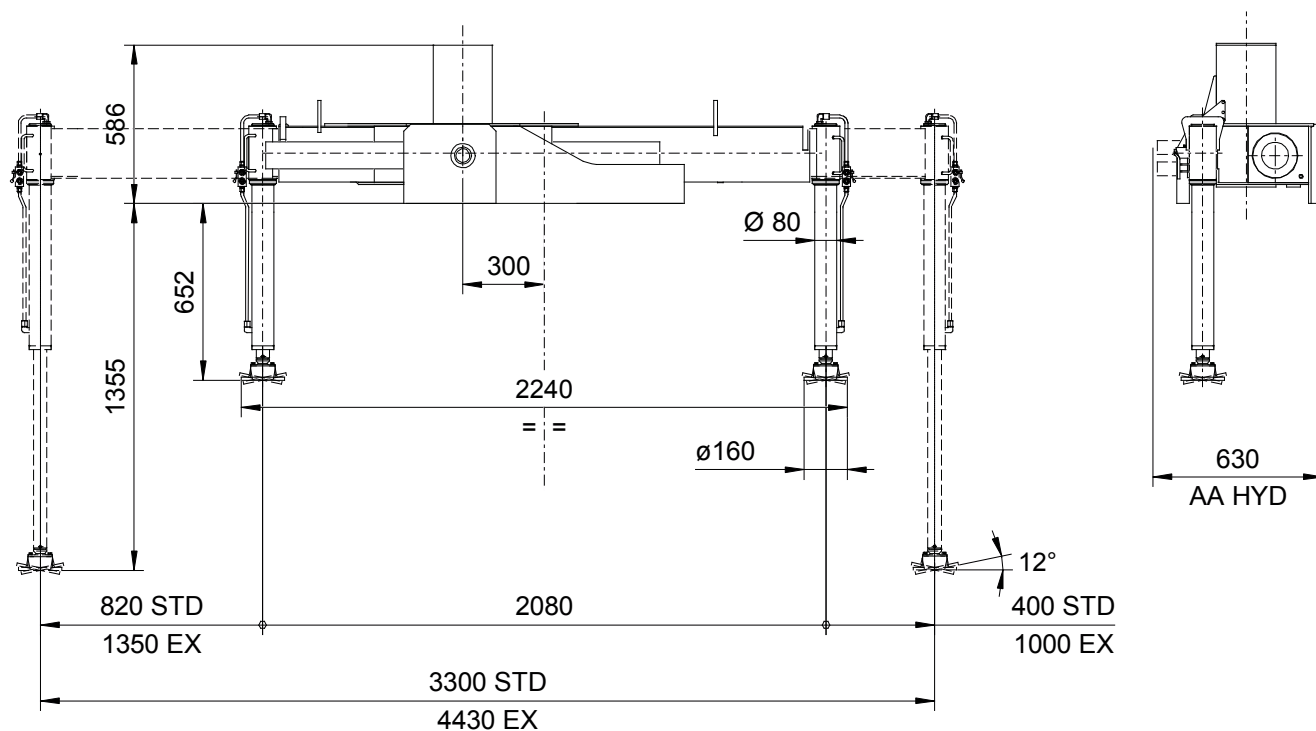
CILINDRO ARTIC. JIB JIB ARTICULATION CYLINDER

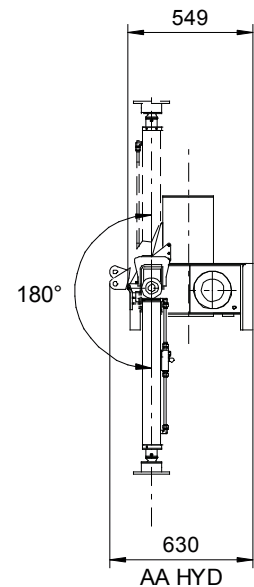
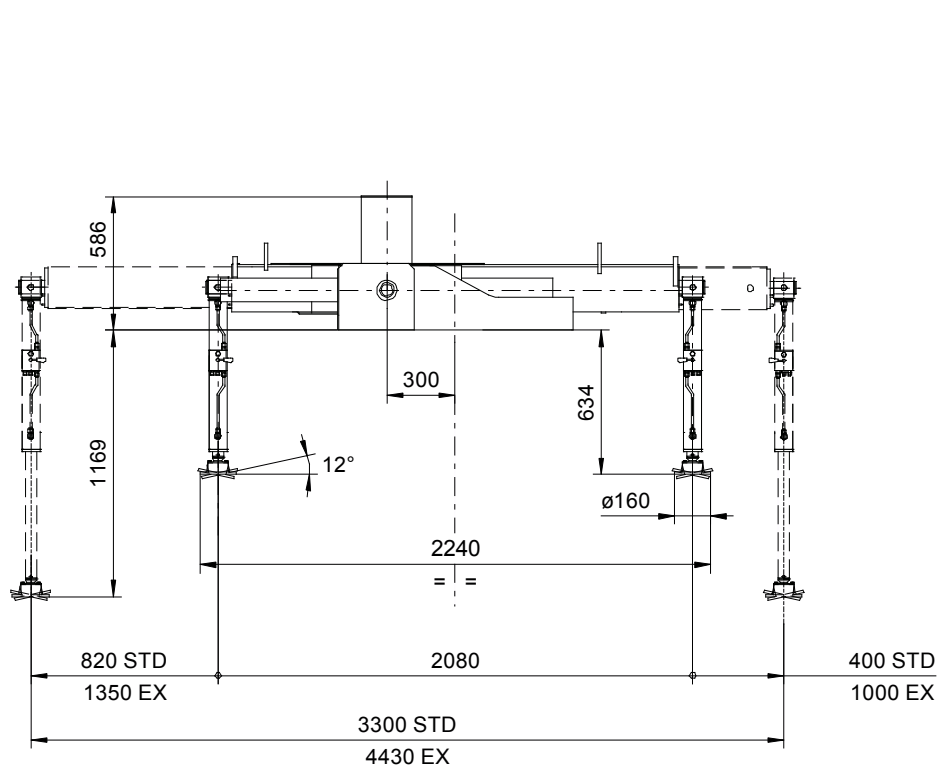
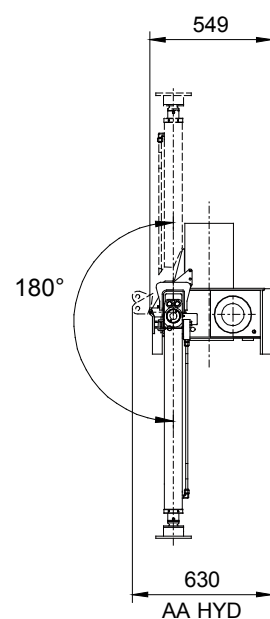
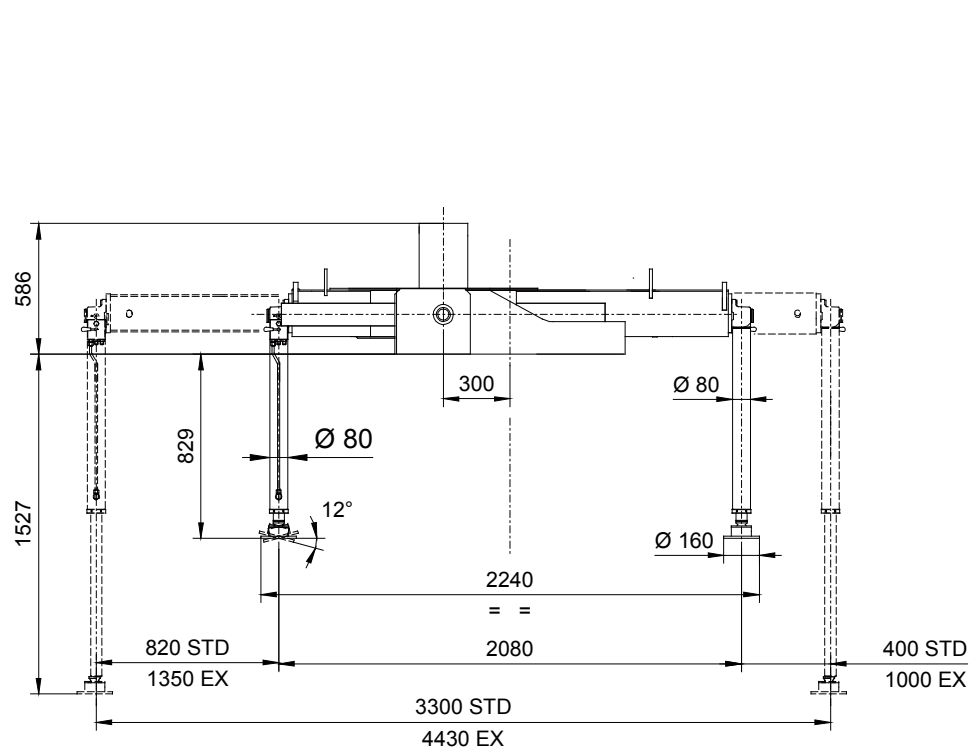
Alesaggio - Cylinder bore	80
Diametro esterno - Cyl. ext. diameter	90
Diametro stelo - Rod diameter	40 - 0
Interasse aperto - Centers (open)	1126
Interasse chiuso - Centers (closed)	671
Corsa - Stroke	455
Ø perni articolazione - Artic. pin Ø	35 / 50
Materiale perno/i - Pin material	39CrMo3 BNF

CILINDRO 1° SFILO JIB 1ST JIB EXTENSION CYL.

Alesaggio - Cylinder bore	45
Diametro esterno - Cyl. ext. diameter	55
Diametro stelo - Rod diameter	30 - 0
Interasse aperto - Centers (open)	2865
Interasse chiuso - Centers (closed)	1535
Corsa - Stroke	1330
Ø perno fissaggio - Fixing pin Ø	15
Materiale perno/i - Pin material	39CrMo3 BNF

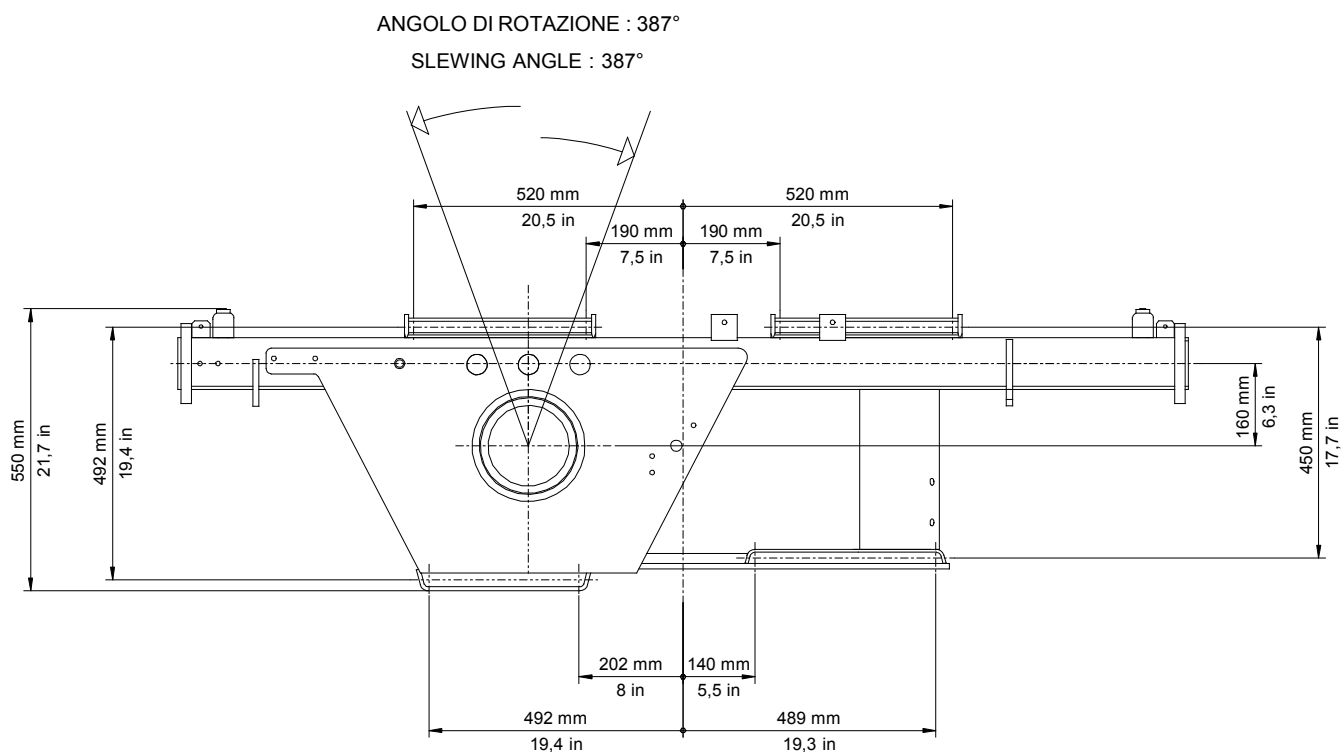
DIMENSIONI BASAMENTO CON STABILIZZATORI SCORREVOLI LUNGI BASE DIMENSIONS WITH TALL STABILIZERS



DIMENSIONI BASAMENTO CON STABILIZZATORI ROTANTI MANUALI
DIMENSIONS BASE WITH TILTING MANUAL STABILIZERS**TRAVERSA CON STABILIZZATORI GIREVOLI**
CROSSBAR WITH TILTING STABILIZERS**TRAVERSA CON STABILIZZATORI GIREVOLI LUNGH**
CROSSBAR WITH TALL TILTING STABILIZERS

DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE

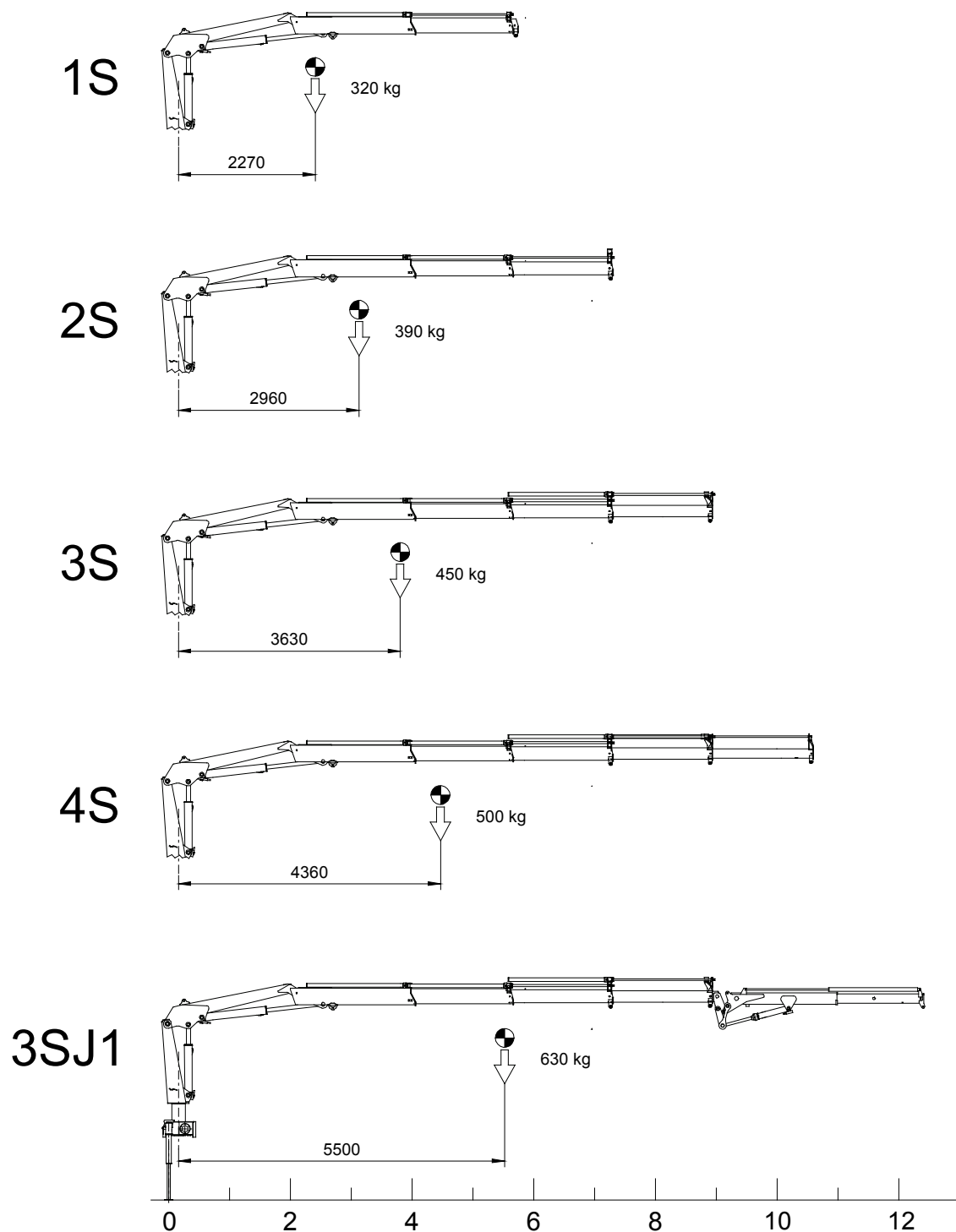
BASE DIMENSIONS, TIE RODS & ROTATION SCREWS



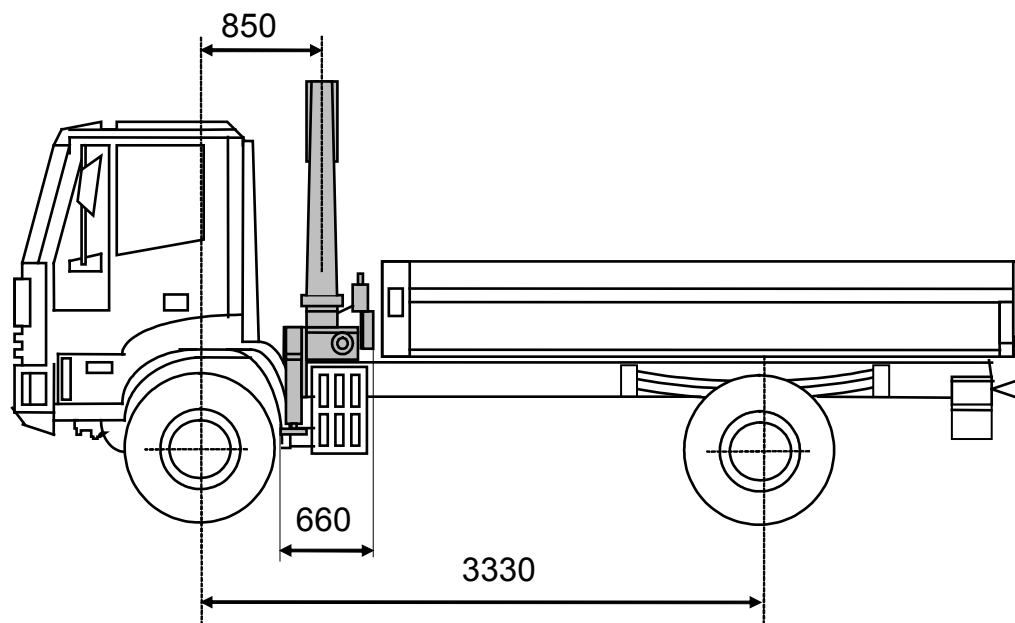
Tiranti di staffaggio <i>Mounting tie rods</i>	N° 8 M20x1.5 42CrMo4 BNF (QT)
Viti fissaggio canna di rotazione <i>Rotation cylinder fixing bolts</i>	N° 6 M14x35 8.8 UNI 5931 Coppia di serraggio (Tightening torque) 80 Nm

PESI – BARICENTRI

WEIGHTS – CENTER OF GRAVITY



	STD	EX	EX HYD
Peso parti fisse (kg) Fixed parts weight	580	625	660

AUTOCARRO MINIMO SENZA STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITHOUT SUPPLEMENTARY STABILIZERS**PTT (GVW) = 100 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 2445 kg

Carico ammissibile asse anteriore = 3500 kg

Asse posteriore

Tara asse posteriore = 970 kg

PESI ALLESTIMENTO

Peso cassone = 300 kg

Peso gru = 1160 kg (806N 4S EX HYD)

Peso controtelaio = 50 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2445 kg

Allowable front axle weight = 3500 kg

Rear axle

Rear axle tare weight = 970 kg

OUTFIT WEIGHTS

Body weight = 300 kg

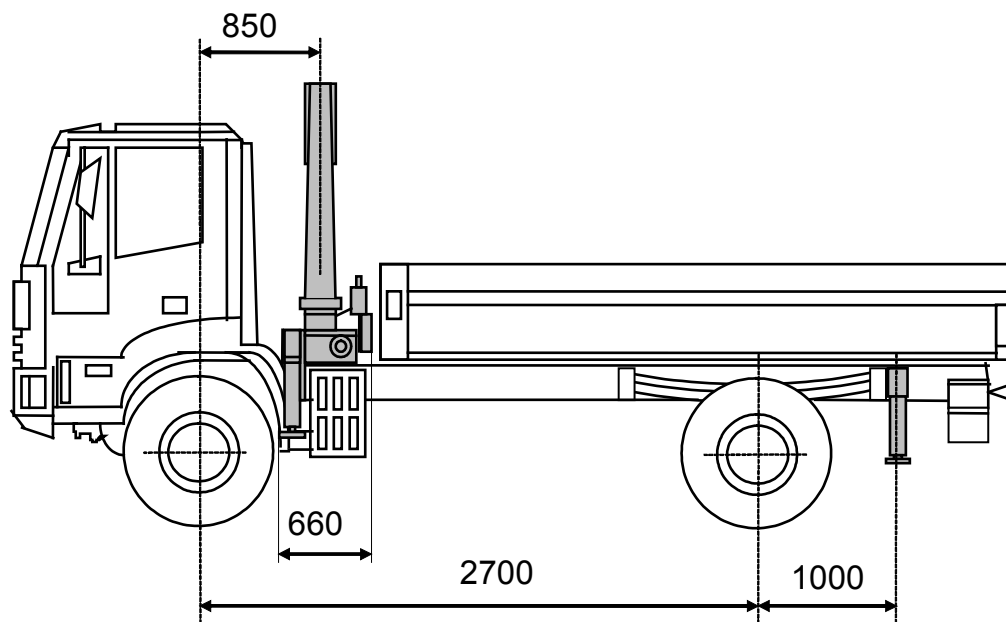
Crane weight = 1160 kg (806N 4S EX HYD)

Counterframe weight = 50 kg

Coefficiente di stabilità = 1,28**Stability index = 1,28**

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI

MIN TRUCK WITH SUPPLEMENTARY STABILIZERS



PTT (GVW) = 65 q

DATI AUTOCARRO A VUOTO

Asse anteriore

Tara asse anteriore = 2065 kg

Carico ammissibile asse anteriore = 2900 kg

Asse posteriore

Tara asse posteriore = 765 kg

PESI ALLESTIMENTO

Massa cassone = 300 kg

Peso gru = 1160 kg (806N 4S EX HYD)

Massa controtelaio = 95 kg

Stabilizzatori supplementari

Apertura minima = 3000 mm

Peso stabilizzatori supplementari = 130 kg

Coefficiente di stabilità = 1,57

CHASSIS DATA

Front axle

Front axle tare weight = 2065 kg

Allowable front axle weight = 2900 kg

Rear axle

Rear axle tare weight = 765 kg

OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1160 kg (806N 4S EX HYD)

Counterframe weight = 95 kg

Rear beam stabilizers

Min. width = 3000 mm

Rear stabilizer weight = 130 kg

Stability index = 1,57

CONTROTELAIO MINIMO MIN COUNTERFRAME

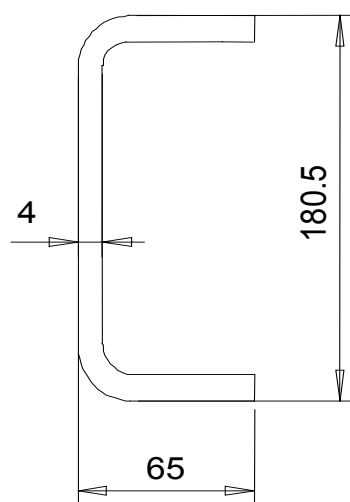
Momento dinamico max (daNm)

Max dynamic moment

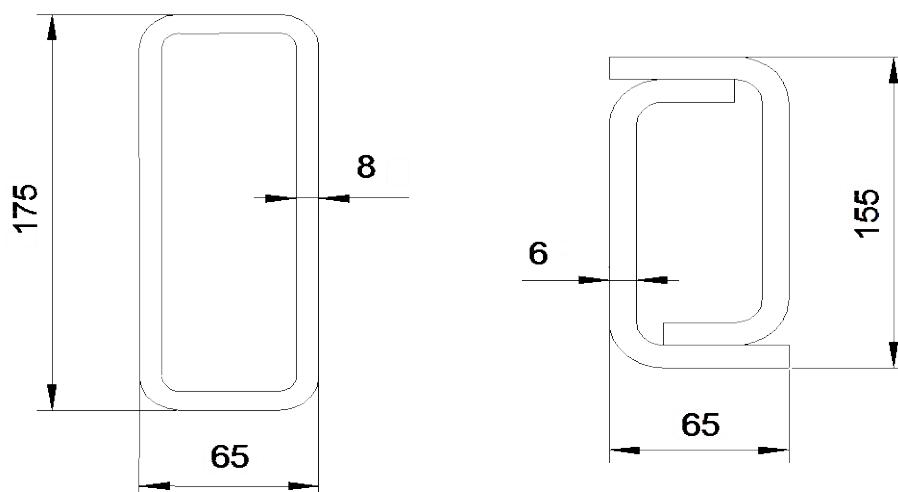
8180

Sezione telaio minima (autocarro PTT=65 q ; materiale Fe510 - S355)

Min frame section (truck GVW 6.5 ton ; steel S355)

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

Min counterframe section (steel S355)



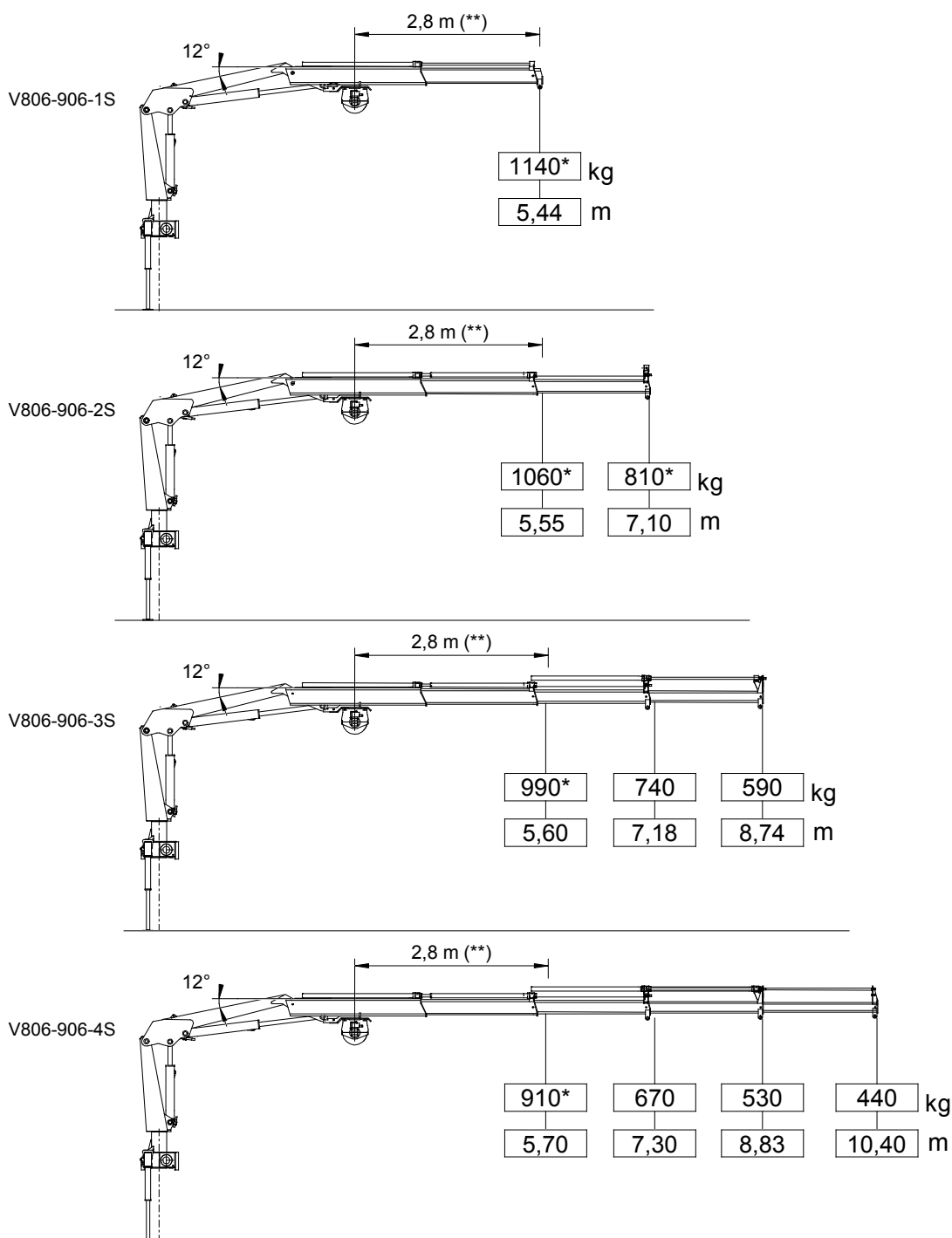
CARATTERISTICHE VERRICELLO IDRAULICO

HYDRAULIC WINCH DATA

Max tiro diretto per gru con posizione di lavoro a bracci orizzontali

800 kg

Max winch direct pull for crane at horizontal boom work position


 (*) = Puleggia argano con tiro doppio
 (*) = Winch pulley with double line pull
 (*) = Seilrolle mit Doppelzug

 (**) = Distanza minima di utilizzo argano
 (**) = Min distance for using the winch
 (**) = Min Abstand für Benutzung der Winde

CARATTERISTICHE ACCESSORI BENNA-POLIPO

GRAB - BUCKET DATA

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

