

807N - 907N

RACCOLTA TECNICA **TECHNICAL BOOK**



CARATTERISTICHE GENERALI
TECHNICAL DATA

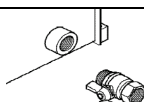
Momento dinamico max (daNm) Max dynamic moment	8640
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Portata max (kg) Max capacity	Versione	
	1S	2870
	2S	2750
	3S	2650
	4S	2570
	3SJ1	610

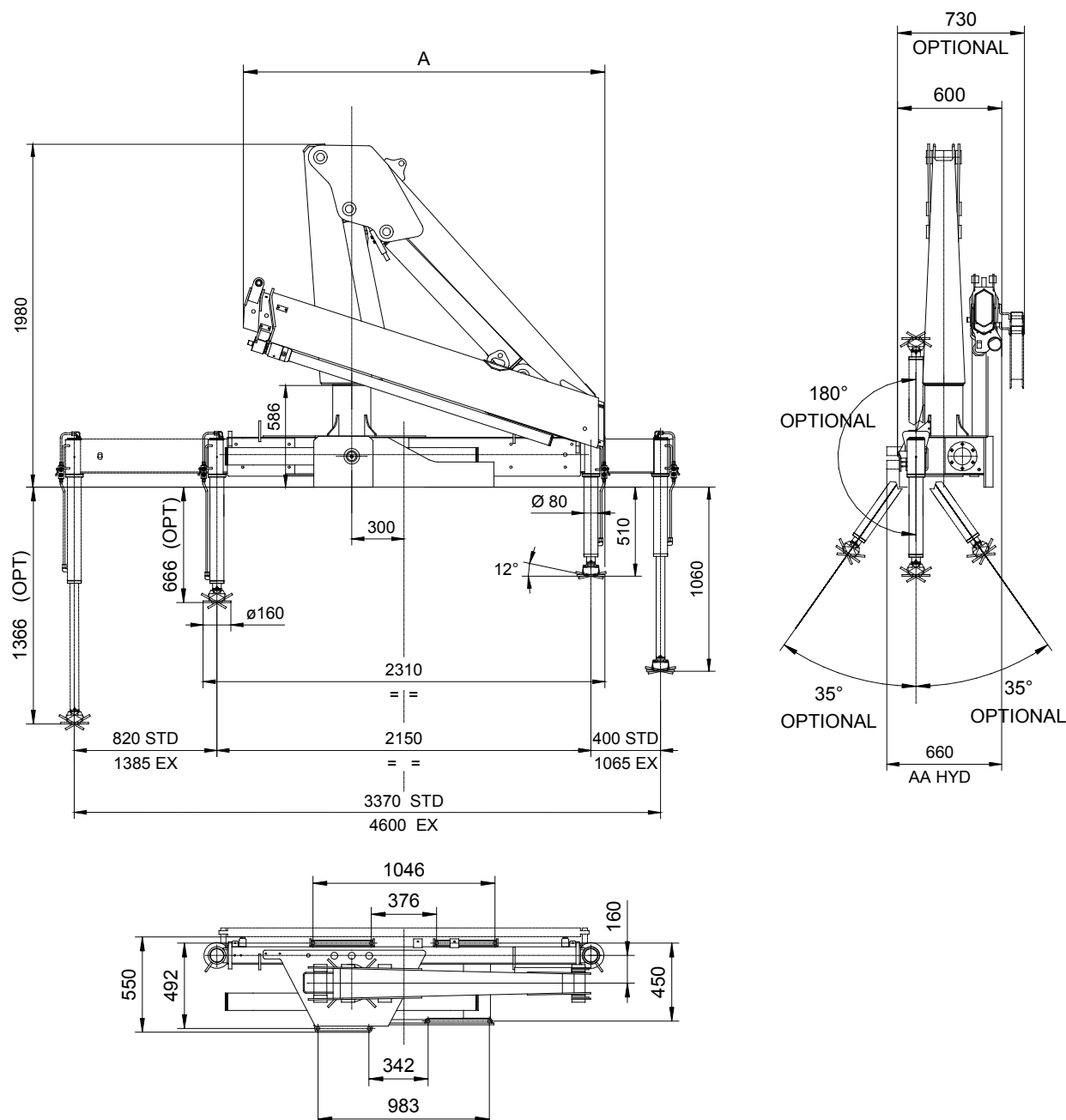
	Versione	STD	EX	EX HYD	SE	SE HYD
Massa in ordine di lavoro (kg) Crane weight	1S	920	965	995	1050	1110
	2S	1000	1045	1075	1130	1190
	3S	1060	1105	1135	1190	1250
	4S	1120	1165	1195	1250	1310
	3SJ1	1240	1285	1315	1370	1430

ALTRI DATI TECNICI

OTHER TECHNICAL DATA

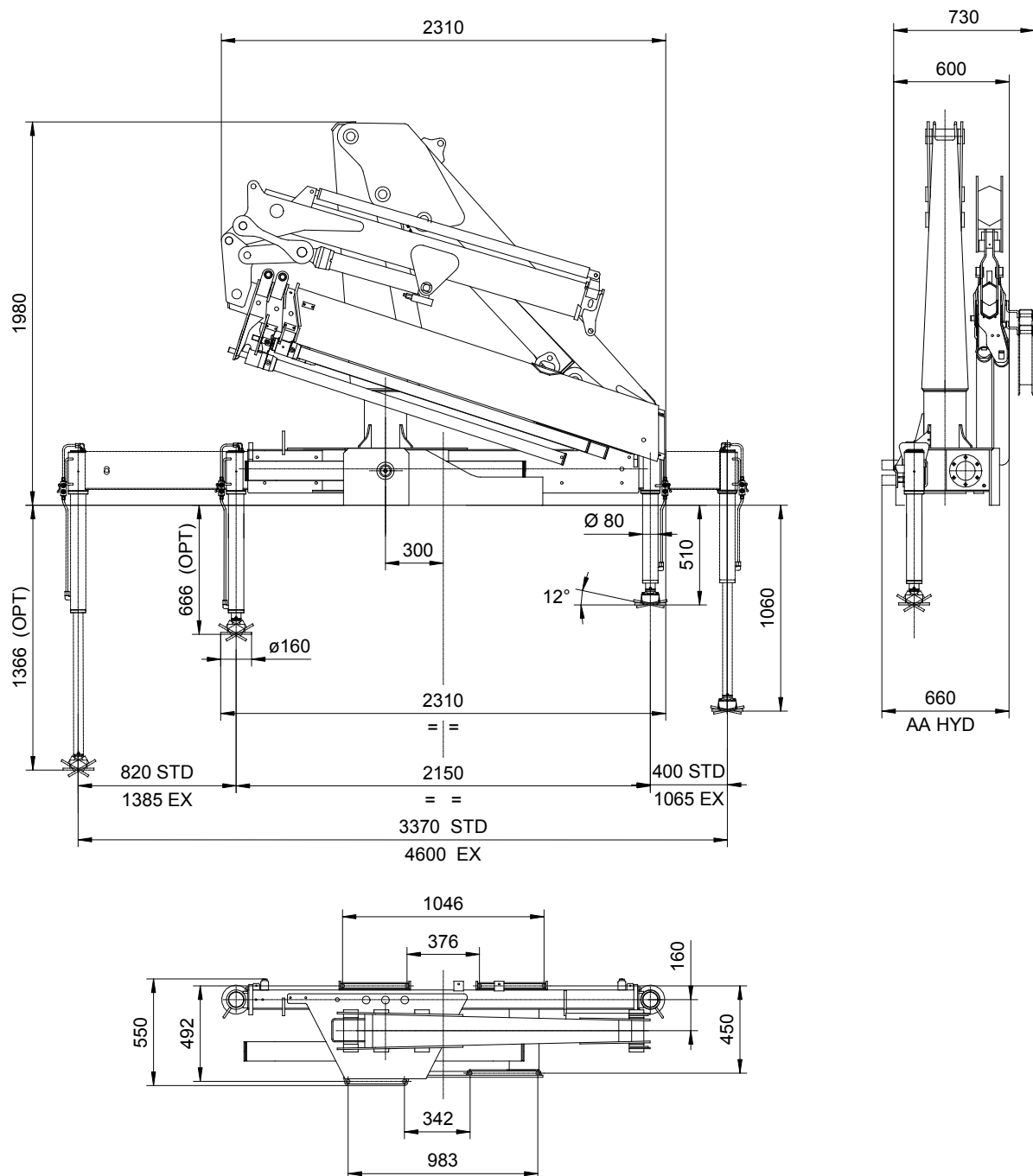
Reazione massima sullo stabilizzatore Max force on the stabilizer leg	5561 daN (STD) 3833 daN (EX) 3323 daN (SE)		
Carico massimo trasmesso al suolo da stabilizzatori Max stabilizer pressure on the ground	32 daN/cm ² (STD) 22 daN/cm ² (EX) 19 daN/cm ² (SE)		
Pressione massima di esercizio Max working pressure	265 bar		
Portata massima di olio Max oil flow	20 l/min		
Capacità serbatoio olio Oil tank capacity	35 l		
Coppia di rotazione Slewing moment	1390 daNm		
Angolo di rotazione Slewing angle	387°		
Potenza assorbita Absorbed power	10.4 kW 13.9 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	M3/4" - 16 JIC	M3/4" - 16 JIC	
Linea di aspirazione serbatoio Tank suction line			F1" BSP

DIMENSIONI DI INGOMBRO DIMENSIONS 807N-NO JIB - 907N-NO JIB STANDARD-EXTRA FIXED STABILIZERS

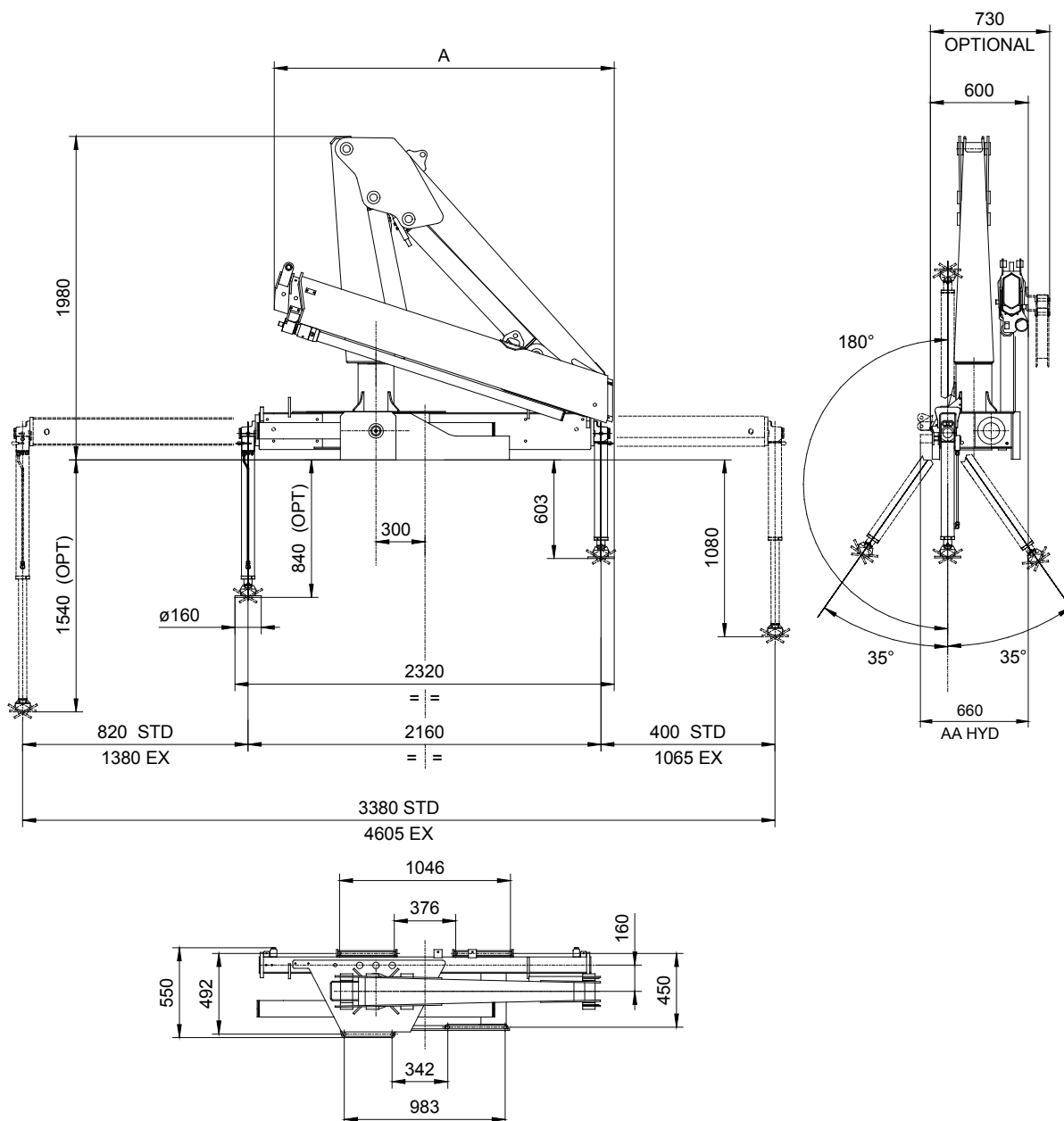


VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
807N-3SJ1 - 907N-3SJ1
STANDARD-EXTRA FIXED STABILIZERS

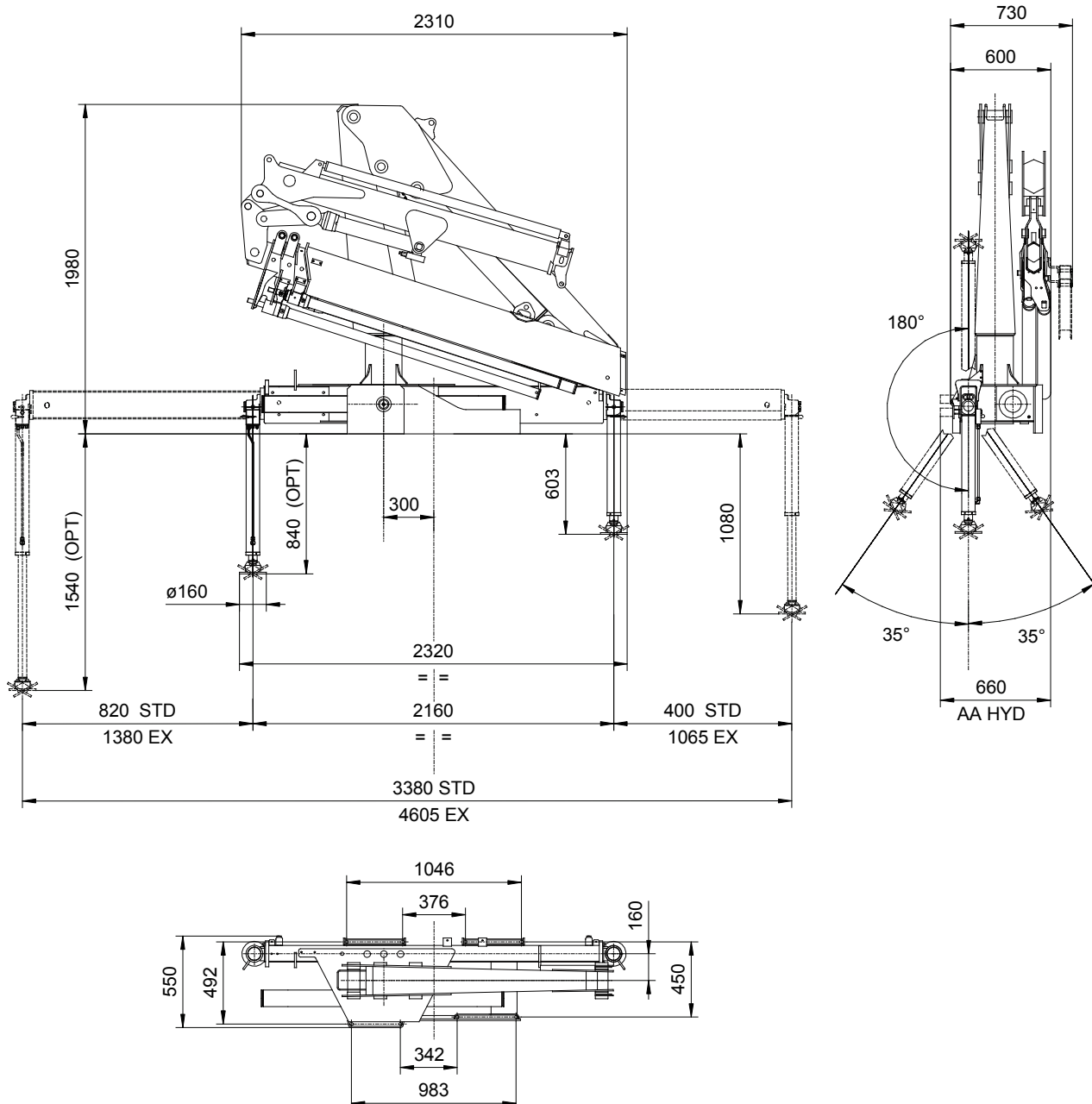


DIMENSIONI DI INGOMBRO
DIMENSIONS
807N-NO JIB - 907N-NO JIB
STANDARD-EXTRA TILTING STABILIZERS

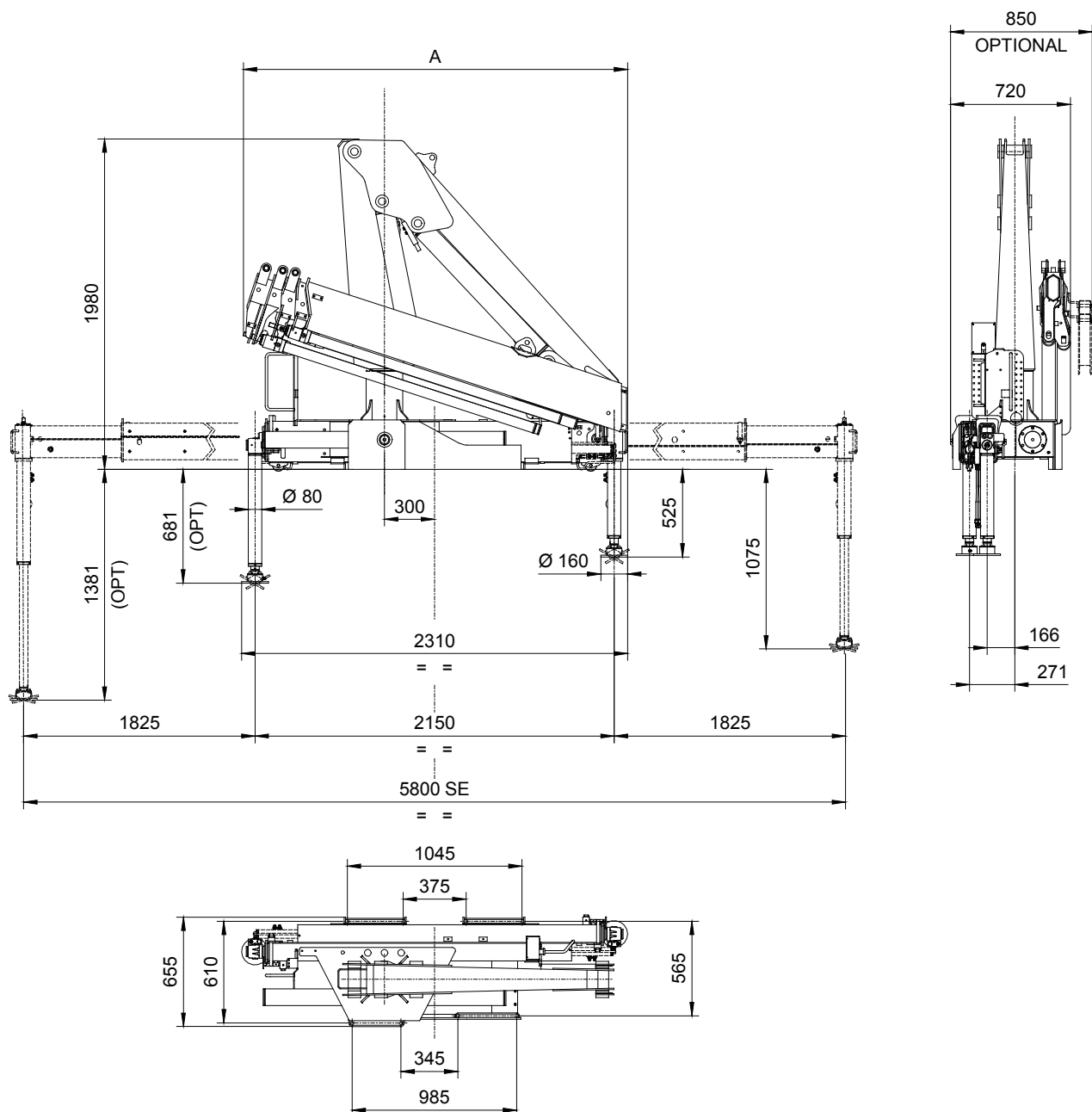


VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
807N-3SJ1 - 907N-3SJ1
STANDARD-EXTRA TILTING STABILIZERS

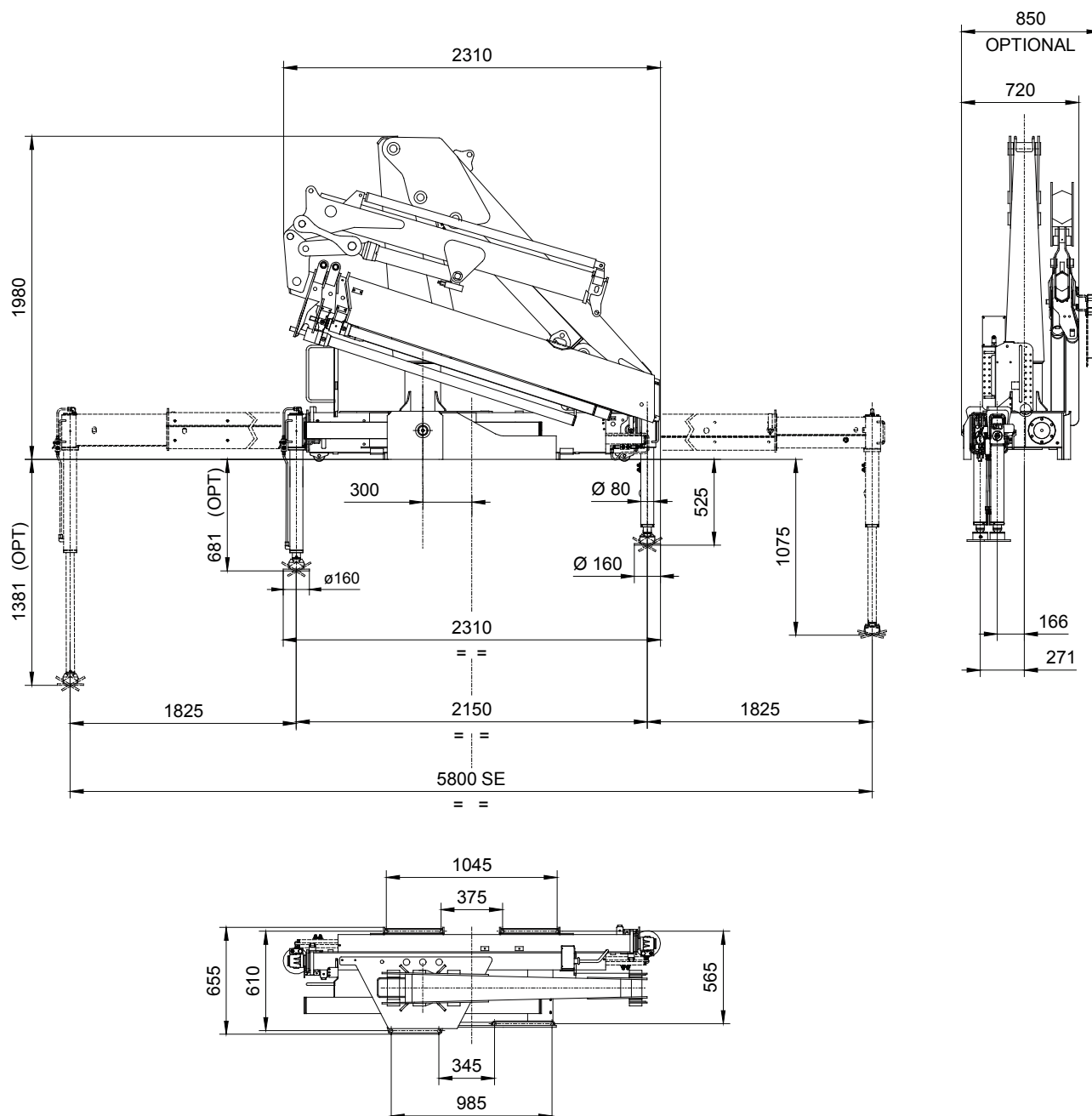


DIMENSIONI DI INGOMBRO
DIMENSIONS
807N-NO JIB - 907N-NO JIB
SUPER-EXTRA FIXED STABILIZERS

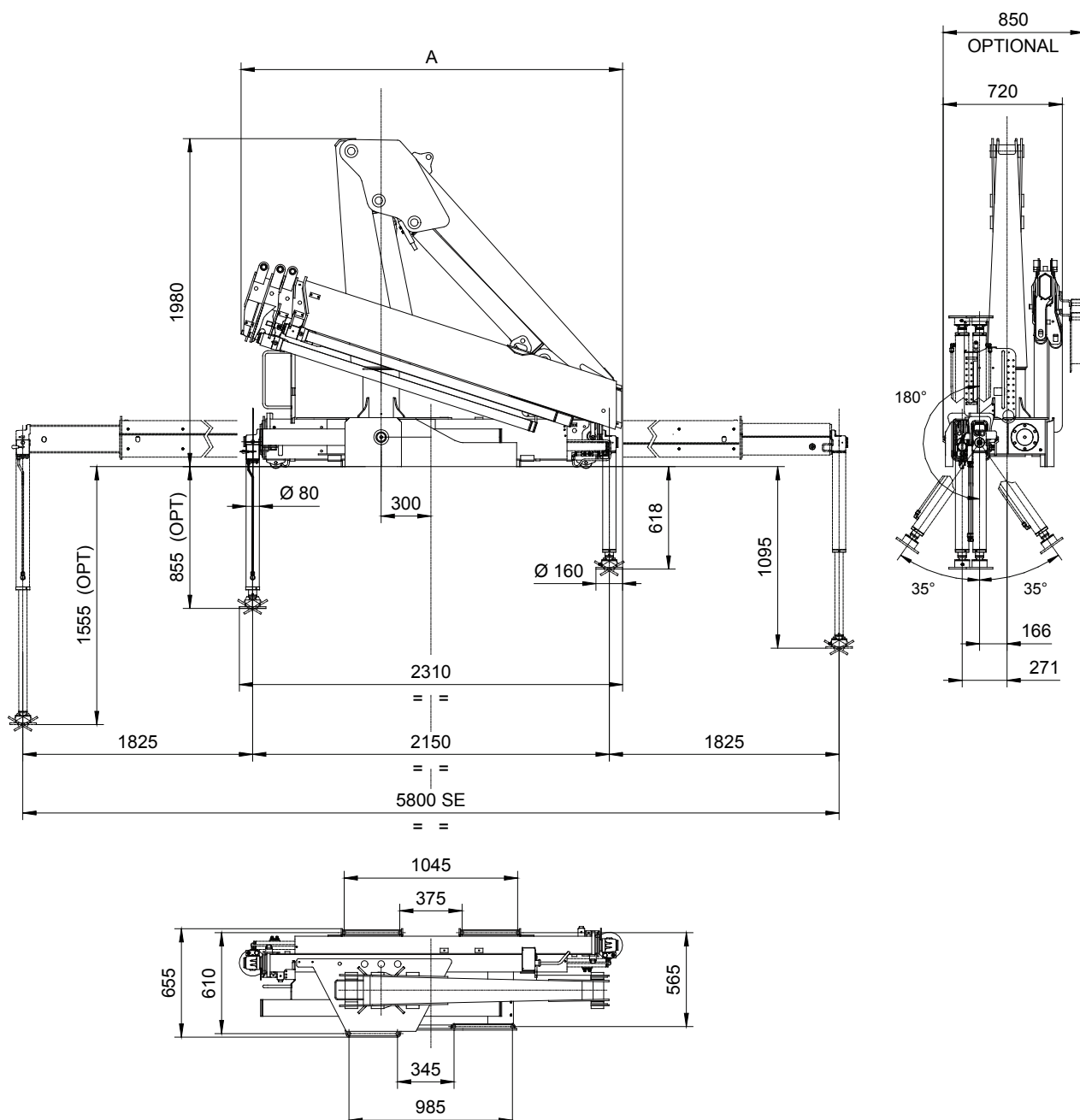


VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
807N-3SJ1 - 907N-3SJ1
SUPER-EXTRA FIXED STABILIZERS



DIMENSIONI DI INGOMBRO DIMENSIONS 807N-NO JIB - 907N-NO JIB SUPER-EXTRA TILTING STABILIZERS



VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
807N-3SJ1 - 907N-3SJ1
SUPER-EXTRA TILTING STABILIZERS

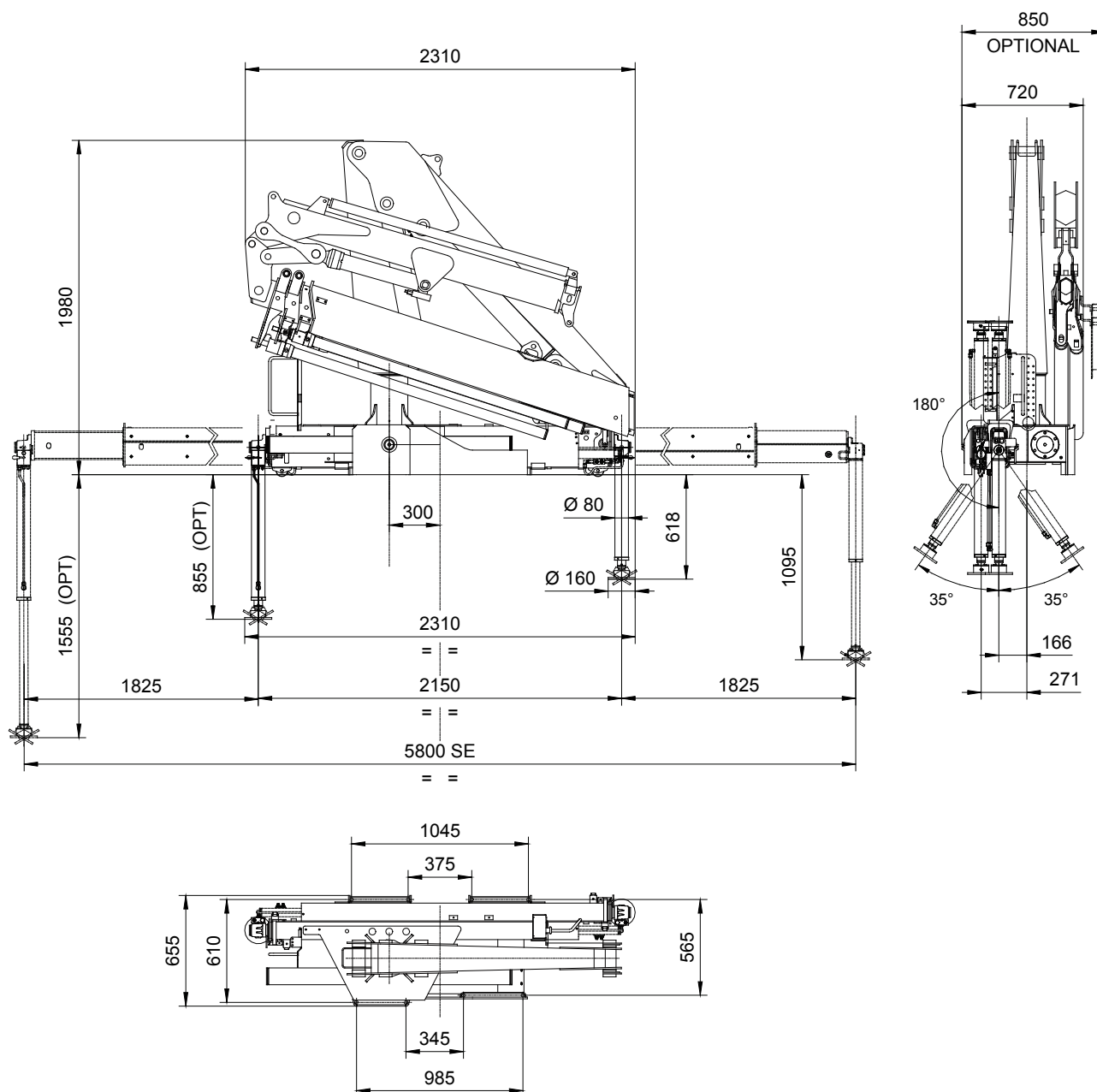


DIAGRAMMA PORTATE
LOAD DIAGRAM
1S

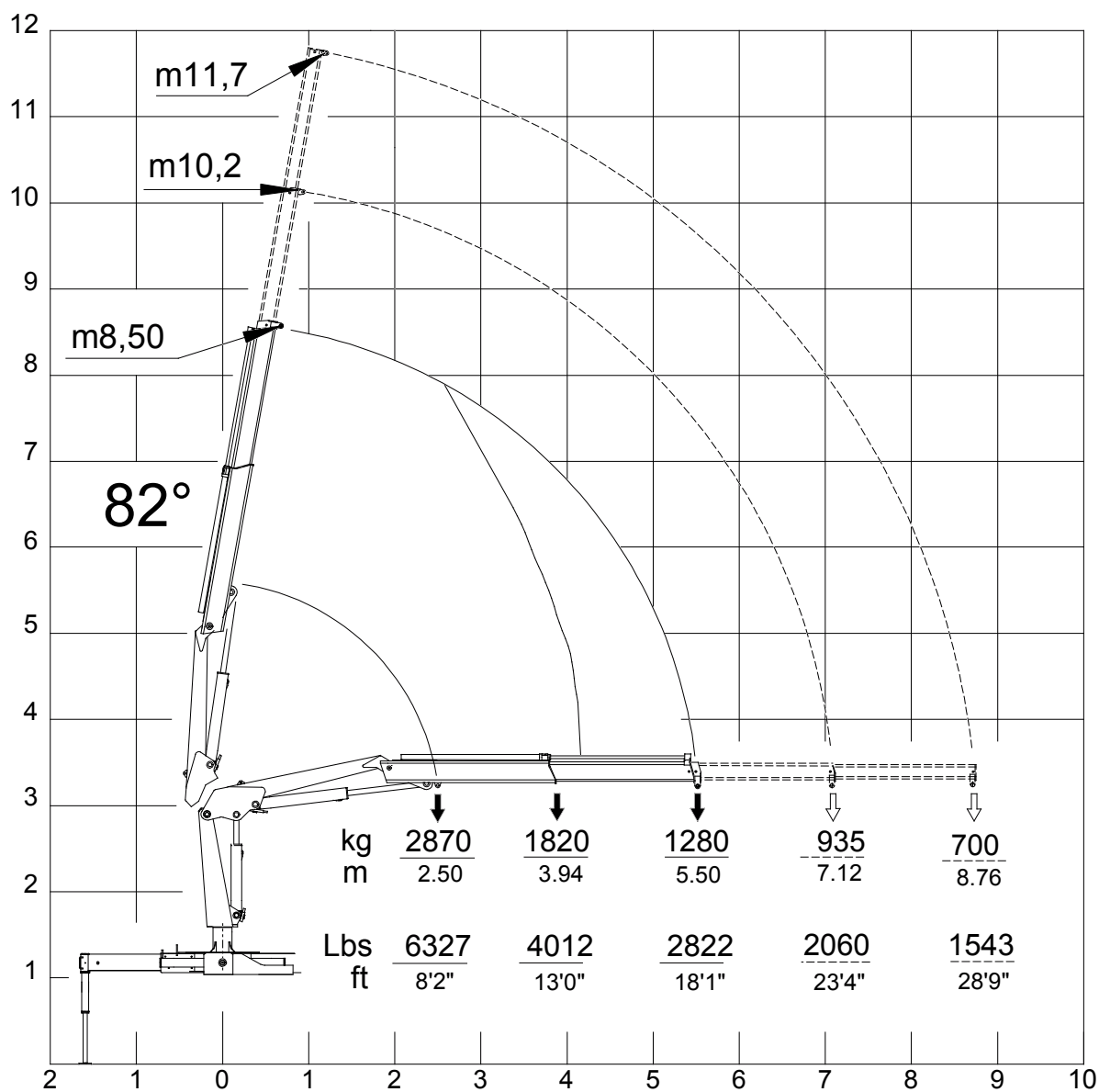


DIAGRAMMA PORTATE
LOAD DIAGRAM
2S

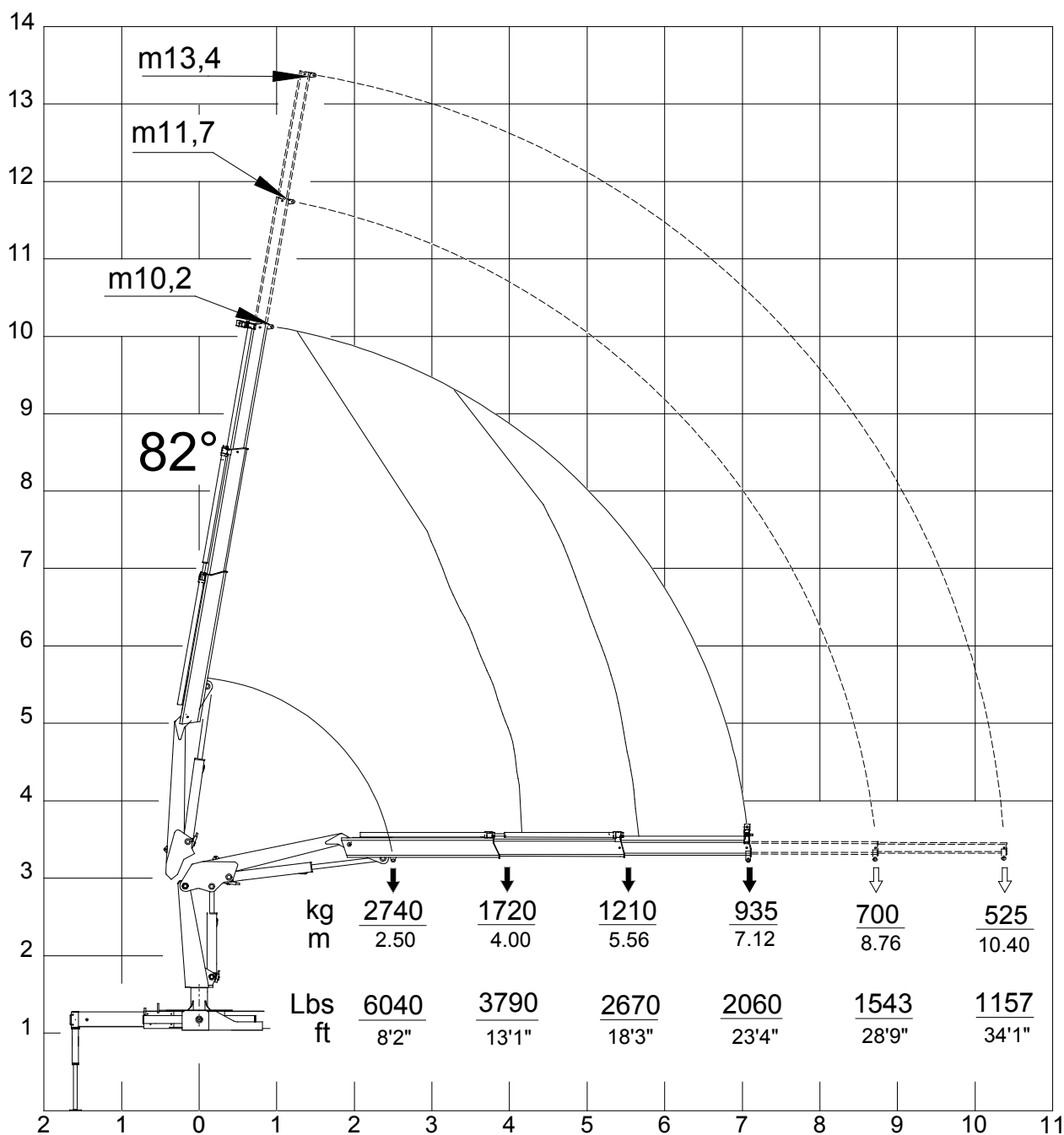


DIAGRAMMA PORTATE
LOAD DIAGRAM
3S

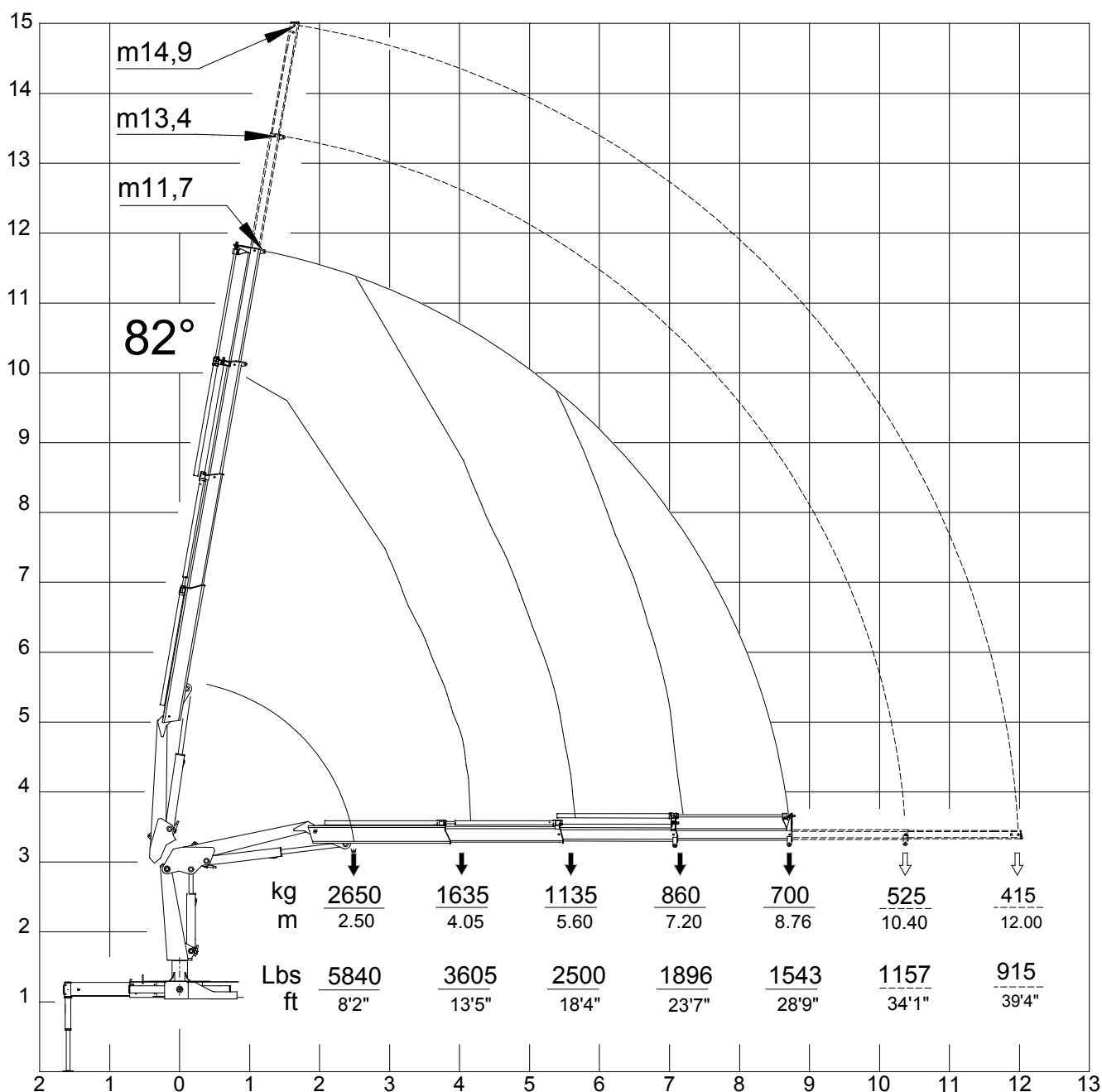
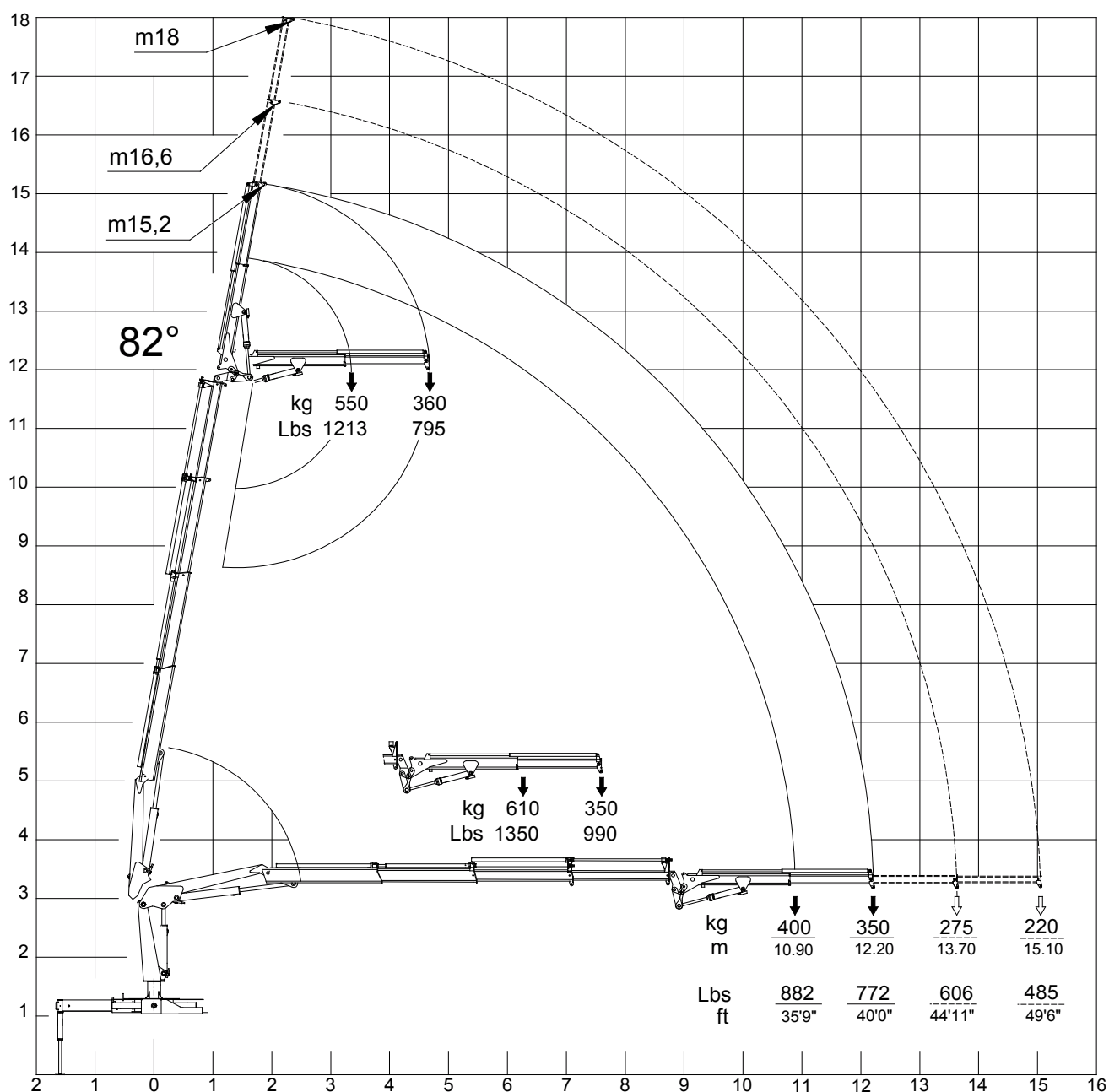
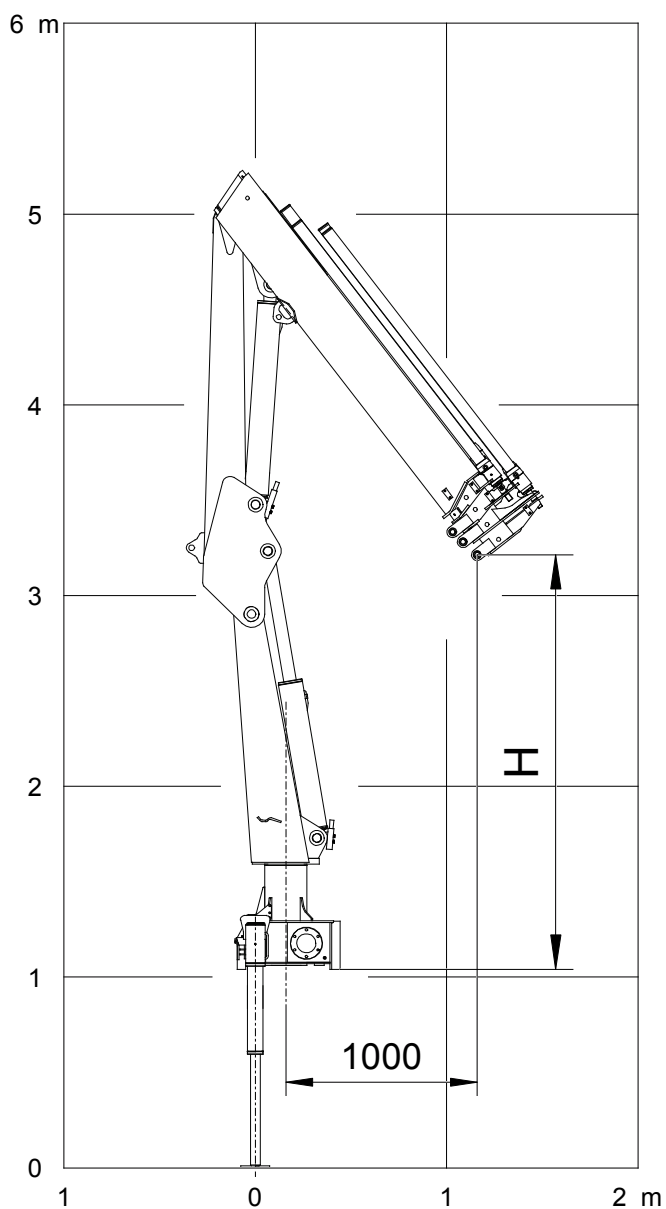


DIAGRAMMA PORTATE LOAD DIAGRAM 3SJ1

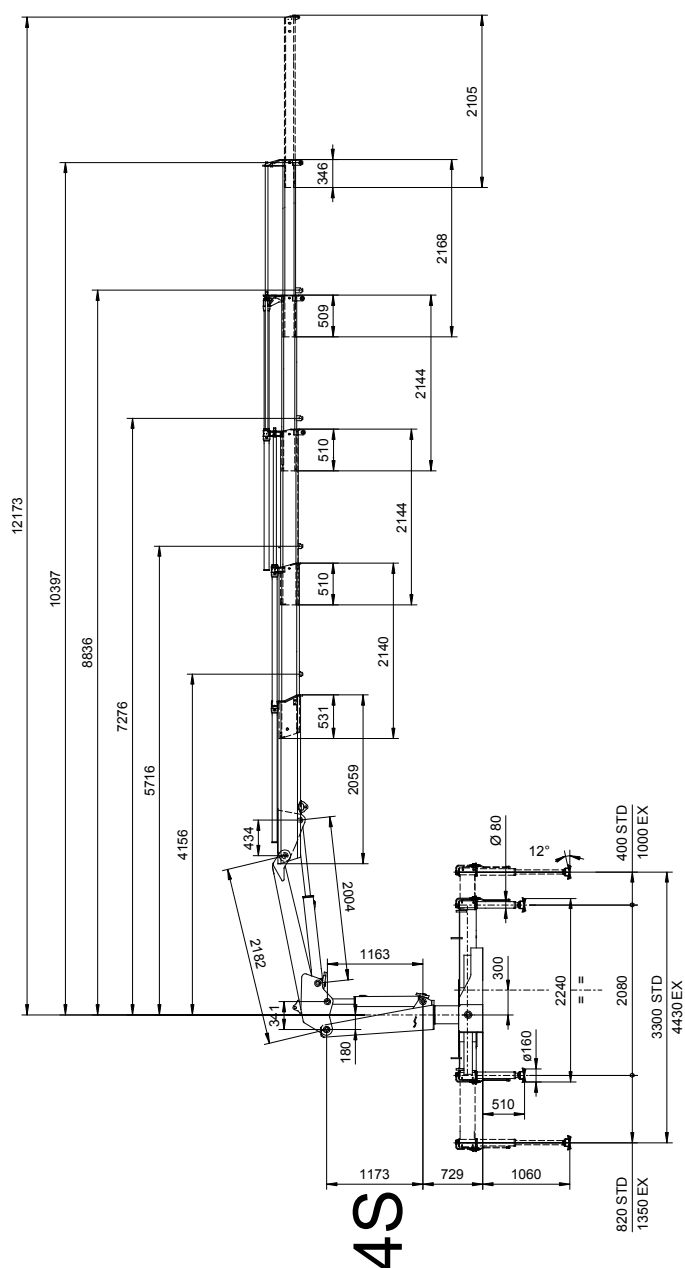
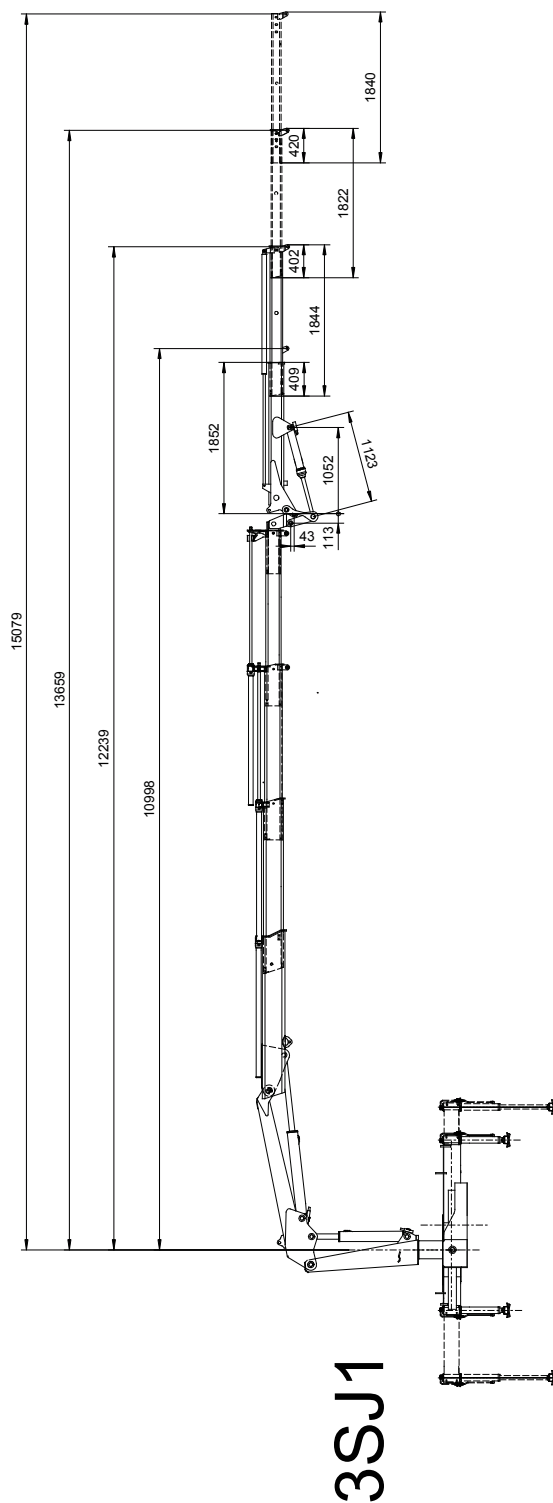


ALTEZZA ATTACCO GANCIO HOOK HEIGHT



	H
V807N 1S	2375 mm
V807N 2S	2375 mm
V807N 3S	2285 mm
V807N 4S	2170 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>	65 - 0
Interasse aperto - <i>Centers (open)</i>	1525
Interasse chiuso - <i>Centers (closed)</i>	890
Corsa - <i>Stroke</i>	635
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>	65 - 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 ARTICOLAZIONE JIB JIB ARTICULATION CYLINDER

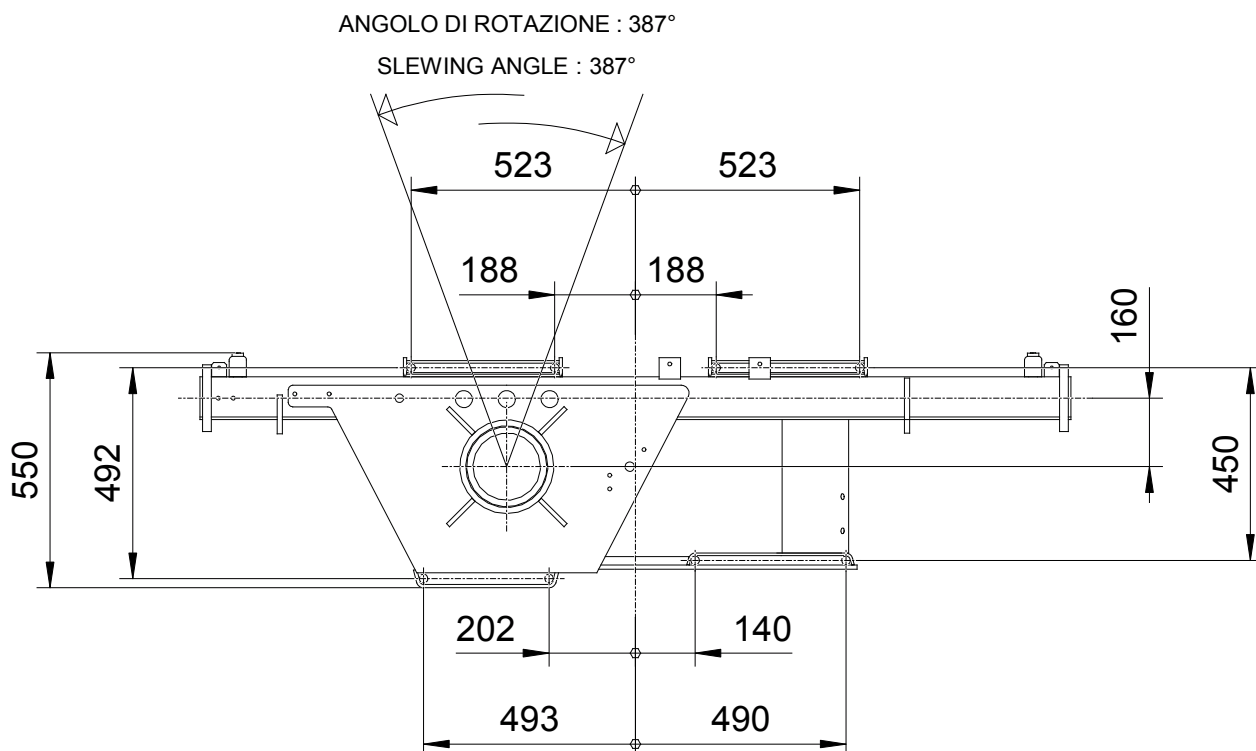
Alesaggio - <i>Cylinder bore</i>	80
Diametro esterno - <i>Cyl. ext. diameter</i>	90
Diametro stelo - <i>Rod diameter</i>	40 - 0
Interasse aperto - <i>Centers (open)</i>	1126
Interasse chiuso - <i>Centers (closed)</i>	671
Corsa - <i>Stroke</i>	455
Ø perni articolazione - <i>Artic. pin Ø</i>	35 / 50
Materiale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

CILINDRO 1° SFILO JIB 1ST JIB EXTENSION CYL.

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

DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE

BASE DIMENSIONS, TIE RODS & ROTATION SCREWS



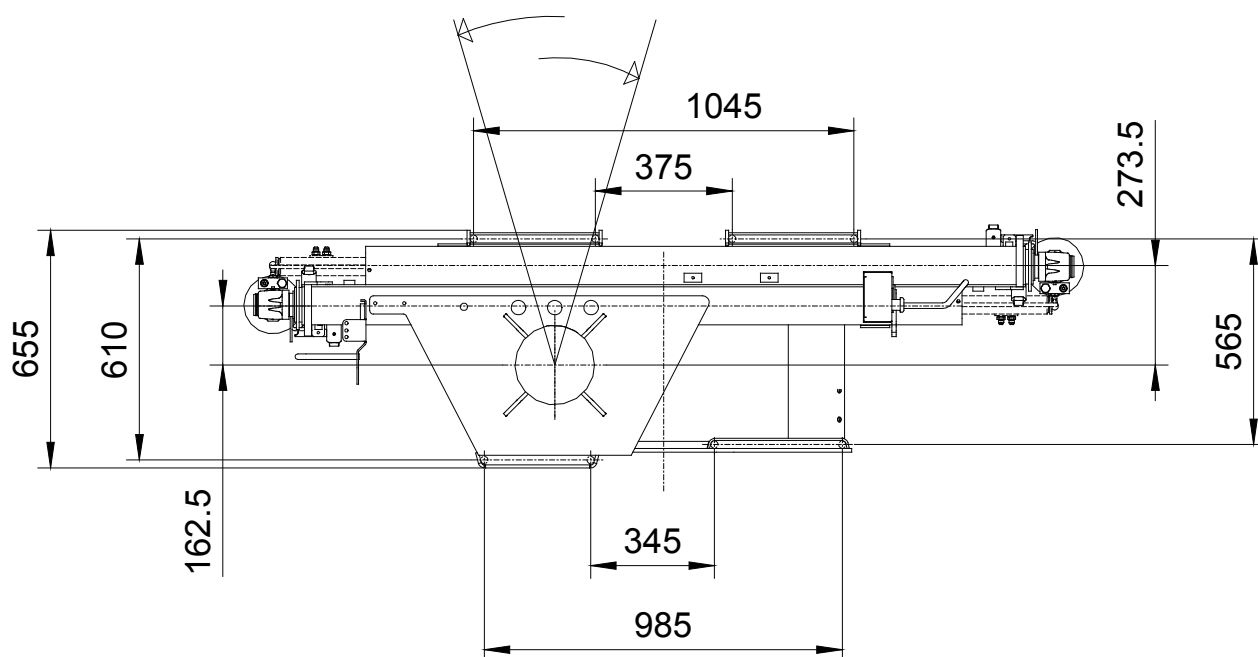
Tiranti di staffaggio <i>Mounting tie rods</i>	N° 8 M20x1.5 42CrMo4 BNF (QT)
Viti fissaggio canna di rotazione <i>Rotation cylinder fixing bolts</i>	N° 6 M14x35 8.8 UNI 5931 Coppia di serraggio (Tightening torque) 80 Nm

DIMENSIONI BASAMENTO CON STABILIZZATORI SE

BASE DIMENSIONS WITH SE STABILIZERS

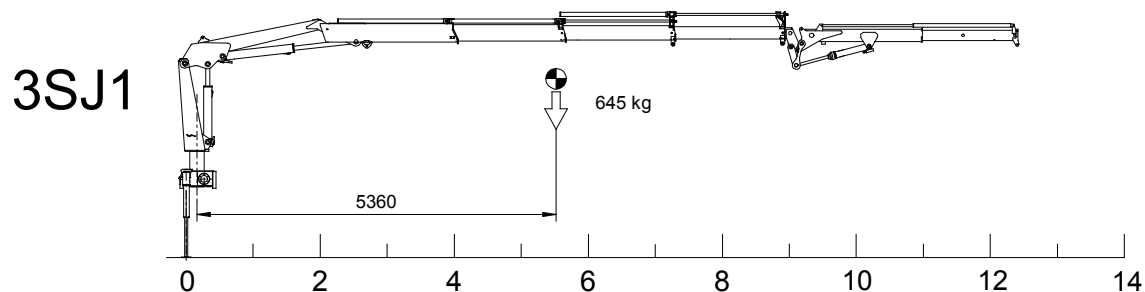
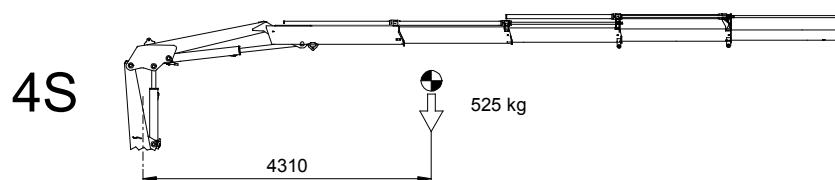
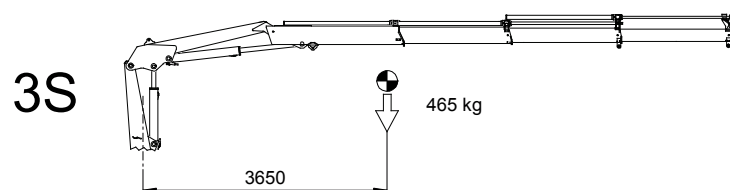
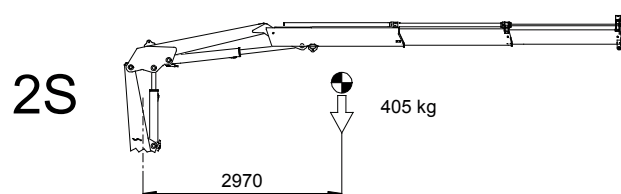
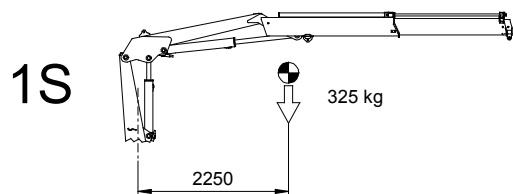
ANGOLO DI ROTAZIONE : 387°

SLEWING ANGLE : 387°

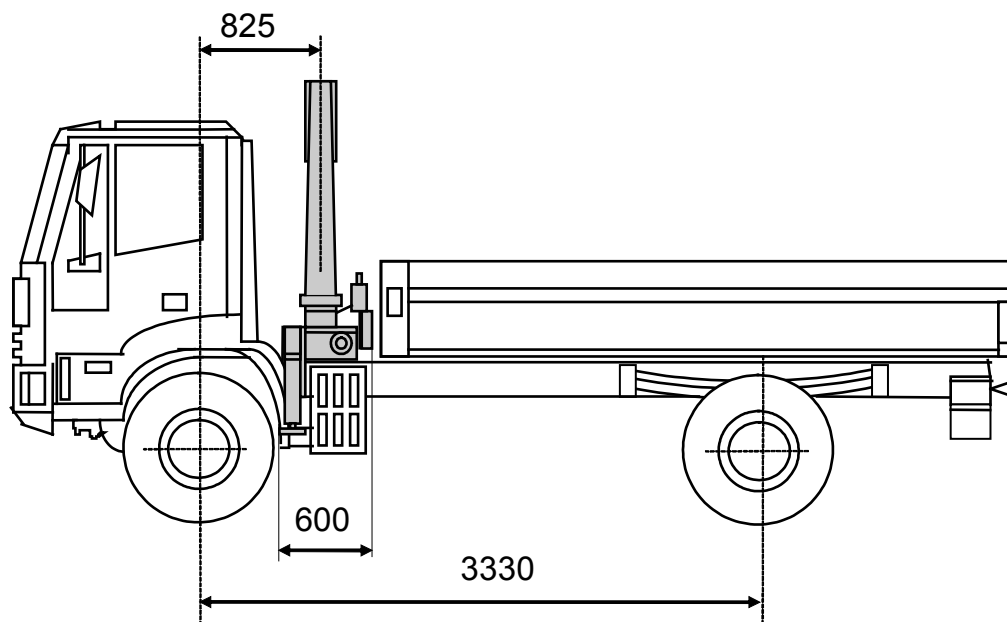


PESI – BARICENTRI

WEIGHTS – CENTER OF GRAVITY



	STD	EX	EX HYD	SE	SE HYD
Peso parti fisse (kg) <i>Fixed parts weight</i>	595	640	670	725	785

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 = 3600 kg

Asse posteriore

Tara asse posteriore = 990 kg

PESI ALLESTIMENTO

Peso cassone = 300 kg

Peso gru = 1195 kg (807N 4S EXT HYD)

Peso controtelaio = 45 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2445 kg

Allowable front axle weight = 3600 kg

Rear axle

Rear axle tare weight = 990 kg

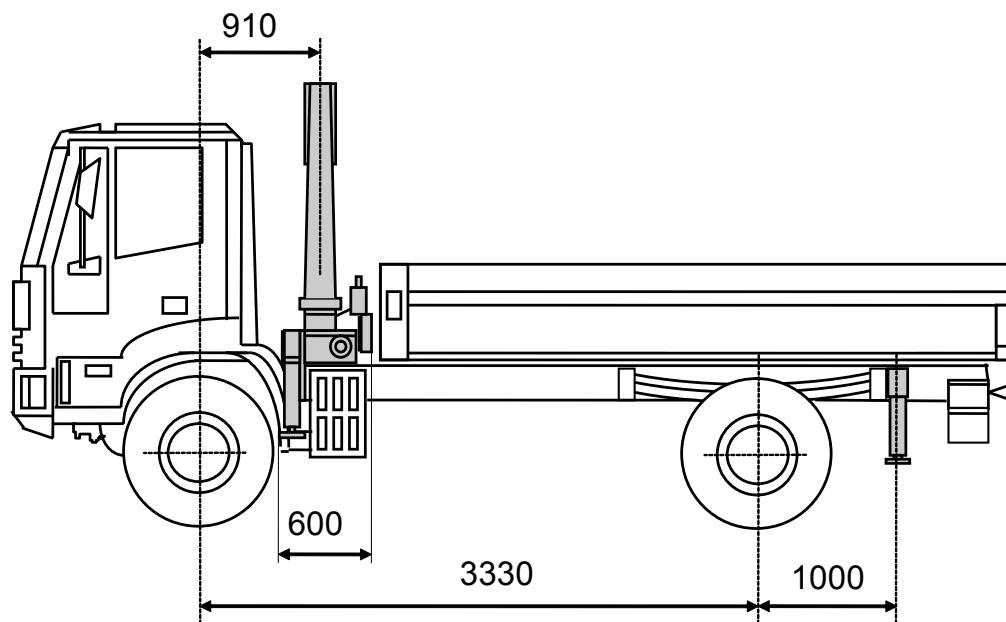
OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1195 kg (807N 4S EXT HYD)

Counterframe weight = 45 kg

Coefficiente di stabilità = 1,44**Stability index = 1,44**

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITH SUPPLEMENTARY STABILIZERS**PTT (GVW) = 75 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 2325 kg

Carico ammissibile asse anteriore = 3200 kg

Asse posteriore

Tara asse posteriore = 910 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2325 kg

Allowable front axle weight = 3200 kg

Rear axle

Rear axle tare weight = 910 kg

PESI ALLESTIMENTO

Massa cassone = 300 kg

Peso gru = 1195 kg (807N 4S EXT HYD)

Massa controtelaio = 100 kg

OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1195 kg (807N 4S EXT HYD)

Counterframe weight = 100 kg

Stabilizzatori supplementari

Apertura minima = 3000 mm

Peso stabilizzatori supplementari = 130 kg

Rear beam stabilizers

Min. width = 3000 mm

Rear stabilizer weight = 130 kg

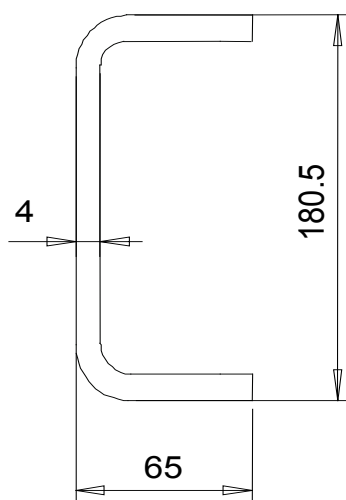
Coefficiente di stabilità = 1,41**Stability index = 1,41**

CONTROTELAIO MINIMO

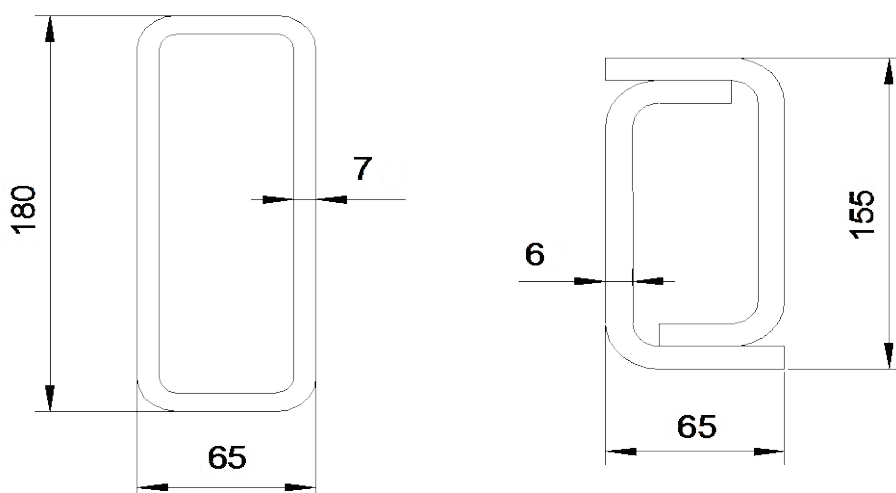
MIN COUNTERFRAME

Momento dinamico max (daNm) Max dynamic moment	8640
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Sezione telaio minima (autocarro PTT=75 q ; materiale Fe510 - S355)
 Min frame section (truck GVW 7.5 ton ; steel S355)

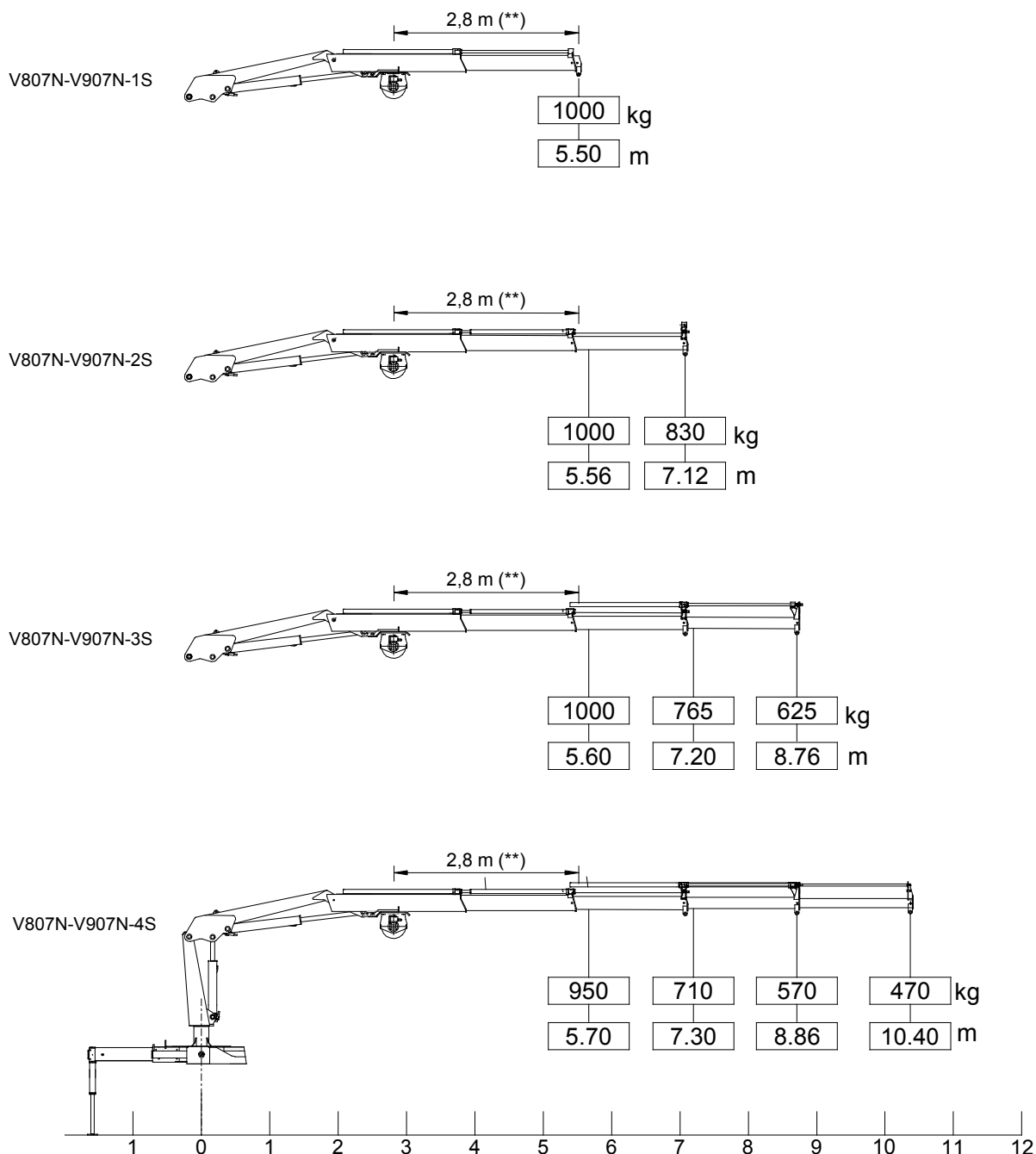


Sezione minima controtelaio (materiale Fe510 - S355)
 Min counterframe section (steel S355)



CARATTERISTICHE VERRICELLO IDRAULICO

HYDRAULIC WINCH DATA

Max tiro diretto per gru con posizione di lavoro a bracci orizzontali
Max winch direct pull for crane at horizontal boom work position
1000 kg


(**) = Distanza minima di utilizzo argano

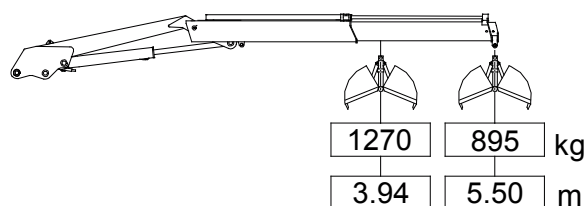
(**) = Min distance for using the winch

(**) = Min Abstand für Benutzung der Winde

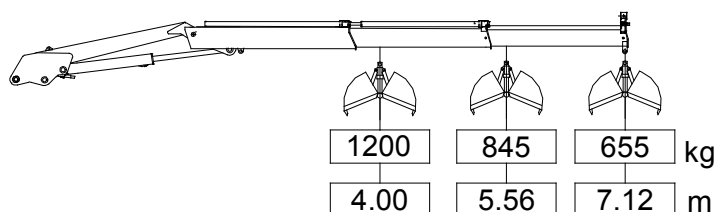
CARATTERISTICHE ACCESSORI BENNA-POLIPO GRAB - BUCKET DATA

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

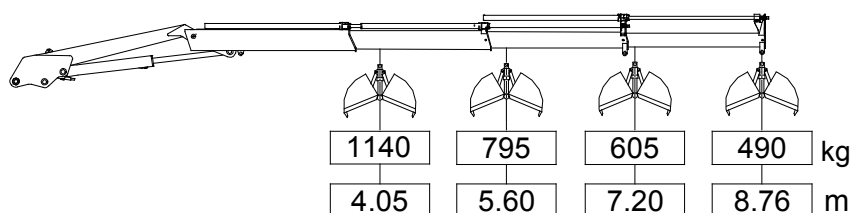
V807N-V907N-1S



V807N-V907N-2S



V807N-V907N-3S



V807N-V907N-4S

