

808N - 908N

RACCOLTA TECNICA **TECHNICAL BOOK**



CARATTERISTICHE GENERALI

TECHNICAL DATA

Momento dinamico max (daNm) Max dynamic moment	9490
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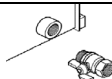
Portata max (kg) Max capacity	Versione	
	1S	3160
	2S	3080
	3S	2970
	4S	2880
	3SJ2	780

	Versione	STD MAN	EXT MAN	EXT HYD	SE MAN	SE HYD
Massa in ordine di lavoro (kg) Crane weight	1S	950	1000	1030	1085	1145
	2S	1030	1080	1110	1165	1225
	3S	1090	1140	1170	1225	1285
	4S	1150	1200	1230	1285	1345
	3SJ2	1300	1350	1380	1435	1495

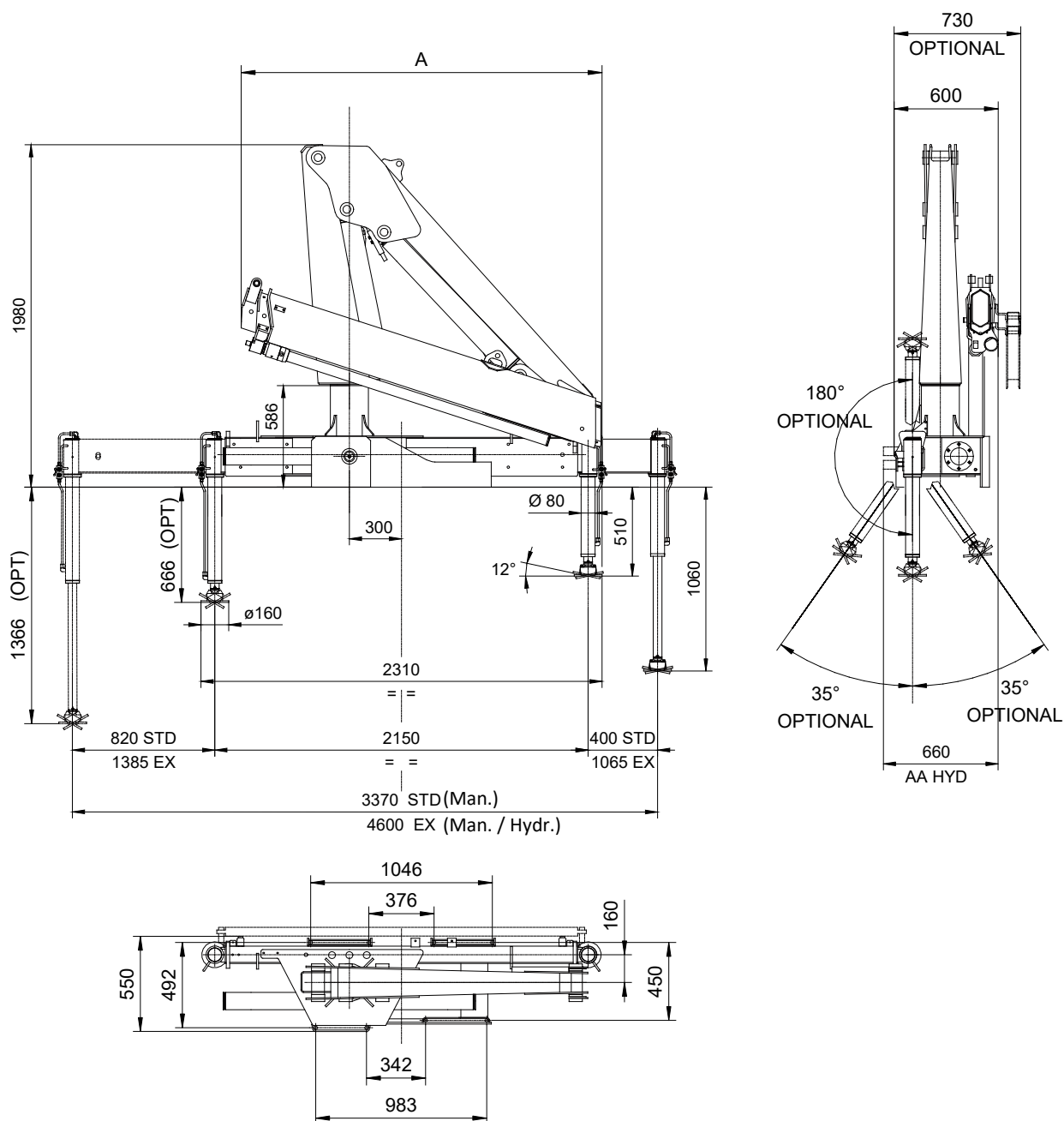
ALTRI DATI TECNICI

OTHER TECHNICAL DATA

Reazione massima sullo stabilizzatore Max force on the stabilizer leg	6117 daN (STD) 4216 daN (EX) 3650 daN (SE)
Carico massimo trasmesso al suolo da stabilizzatori Max stabilizer pressure on the ground	35 daN/cm ² (STD) 24 daN/cm ² (EX) 21 daN/cm ² (SE)
Pressione massima di esercizio Max working pressure	285 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	11.4 kW 15.3 HP
Normativa di calcolo Design standard	DIN 15018 EN 12999

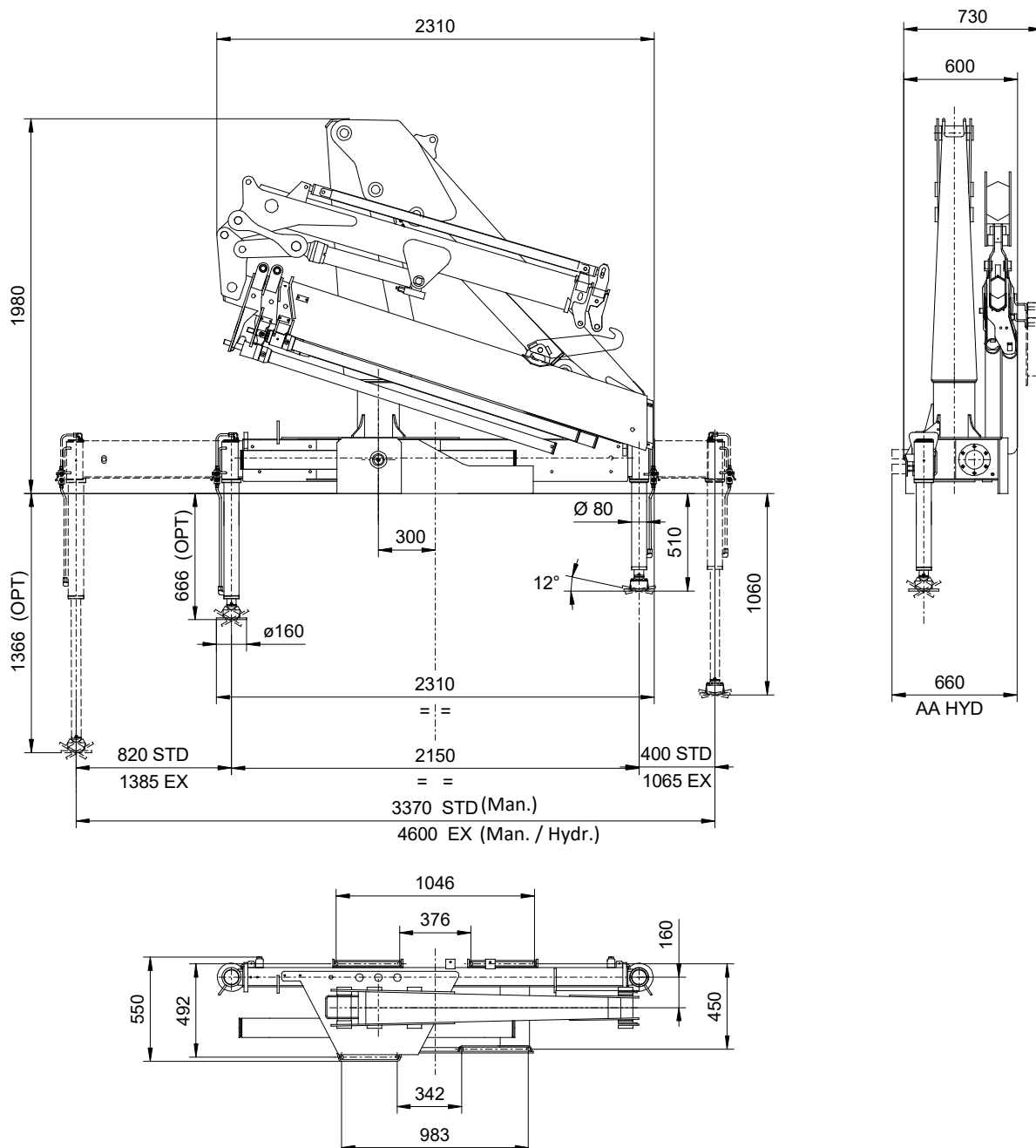
Raccordi di collegamento con pompa Fittings for connection with pump	NO RDC	RDC
Linea di pressione distributore Control valve pressure line	M3/4" - 16 J	M 3/4" - 16J
Linea di aspirazione serbatoio Tank suction line	 F 1" G	F 1" G

DIMENSIONI DI INGOMBRO
DIMENSIONS
808N-NO JIB - 908N-NO JIB
STANDARD-EXTRA FIXED STABILIZERS

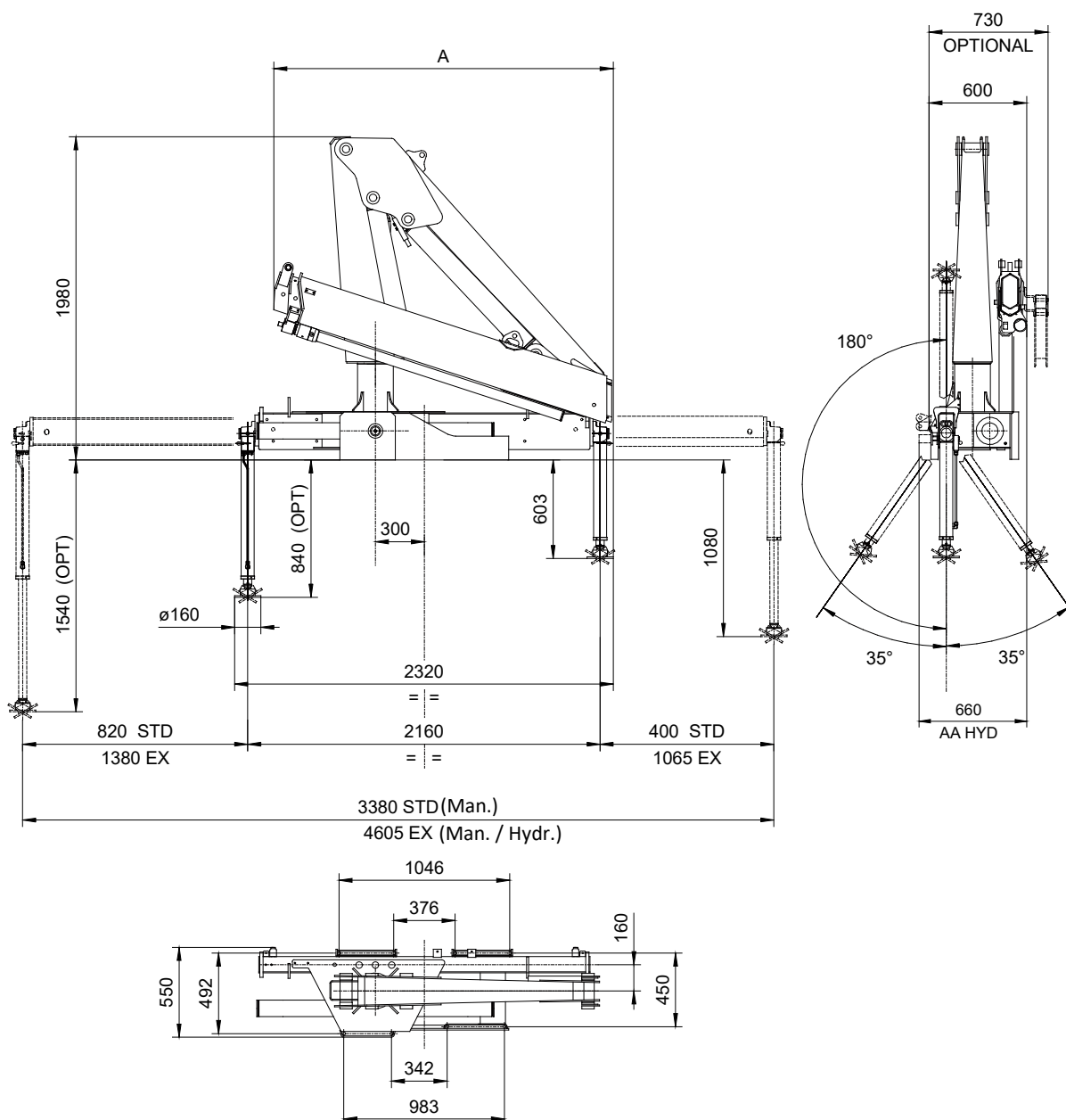


VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
808N-3SJ2 - 908N-3SJ2
STANDARD-EXTRA FIXED STABILIZERS

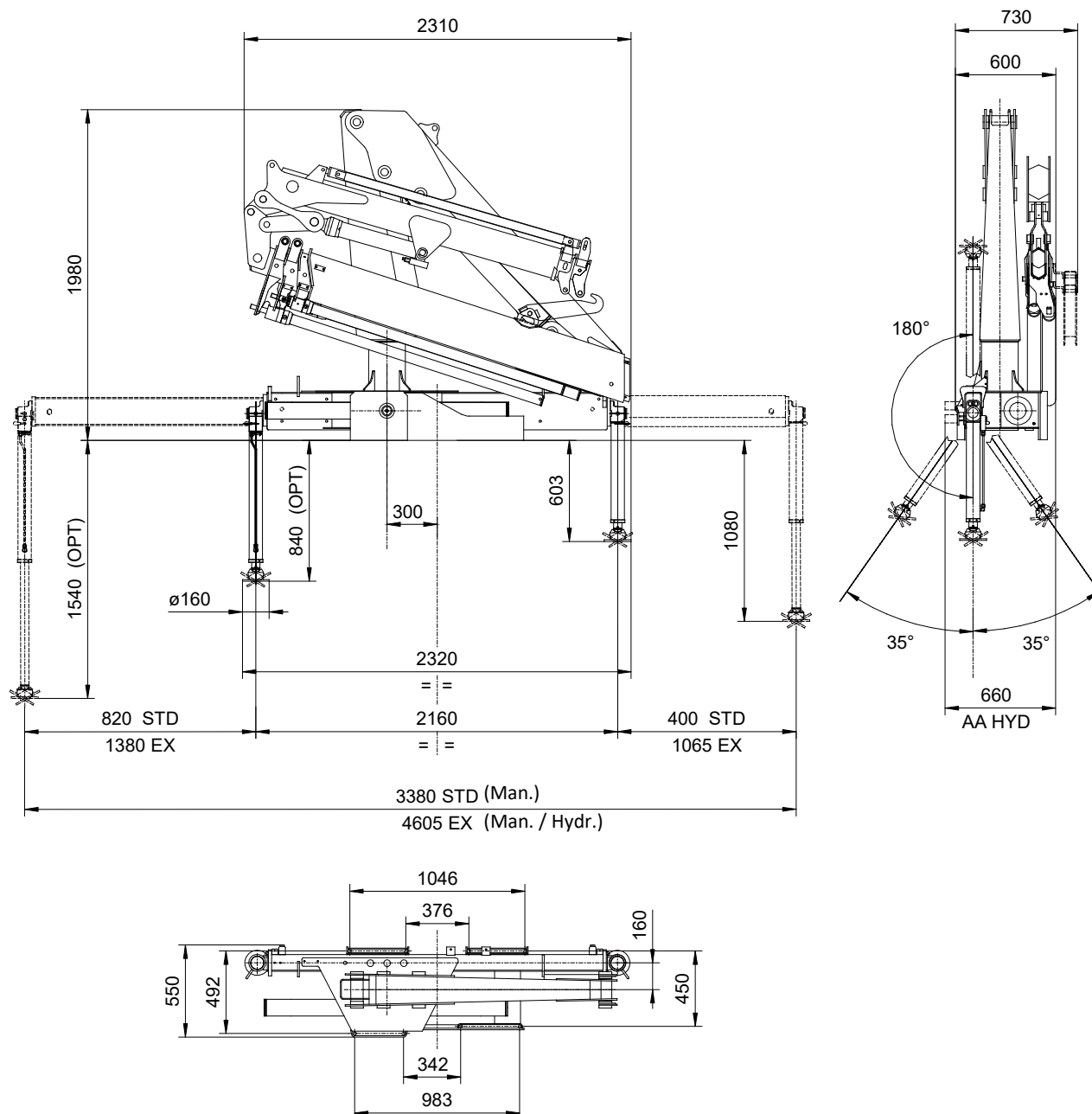


DIMENSIONI DI INGOMBRO DIMENSIONS 808N-NO JIB - 908N-NO JIB STANDARD-EXTRA TILTING STABILIZERS

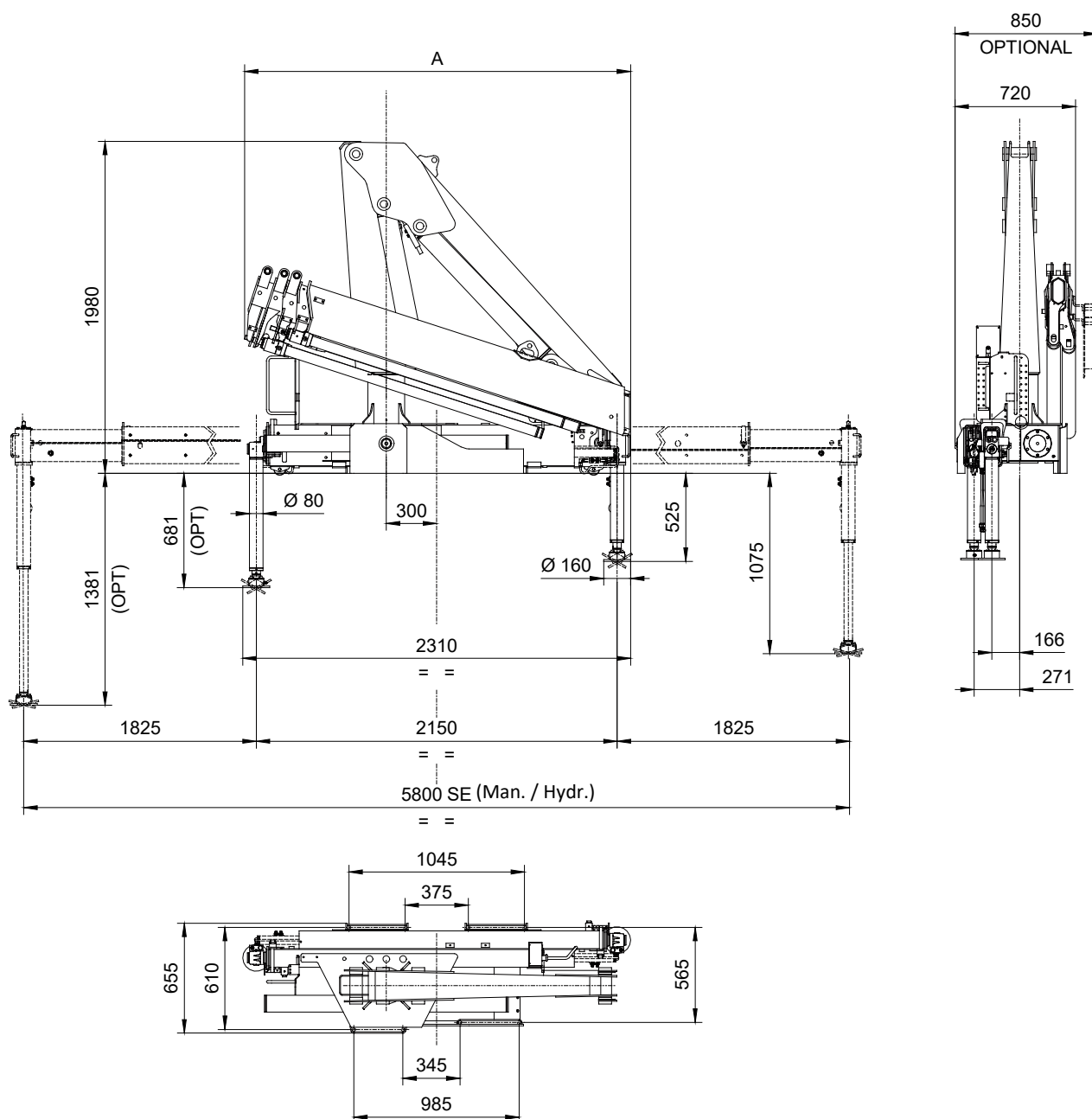


VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
808N-3SJ2 - 908N-3SJ2
STANDARD-EXTRA TILTING STABILIZERS

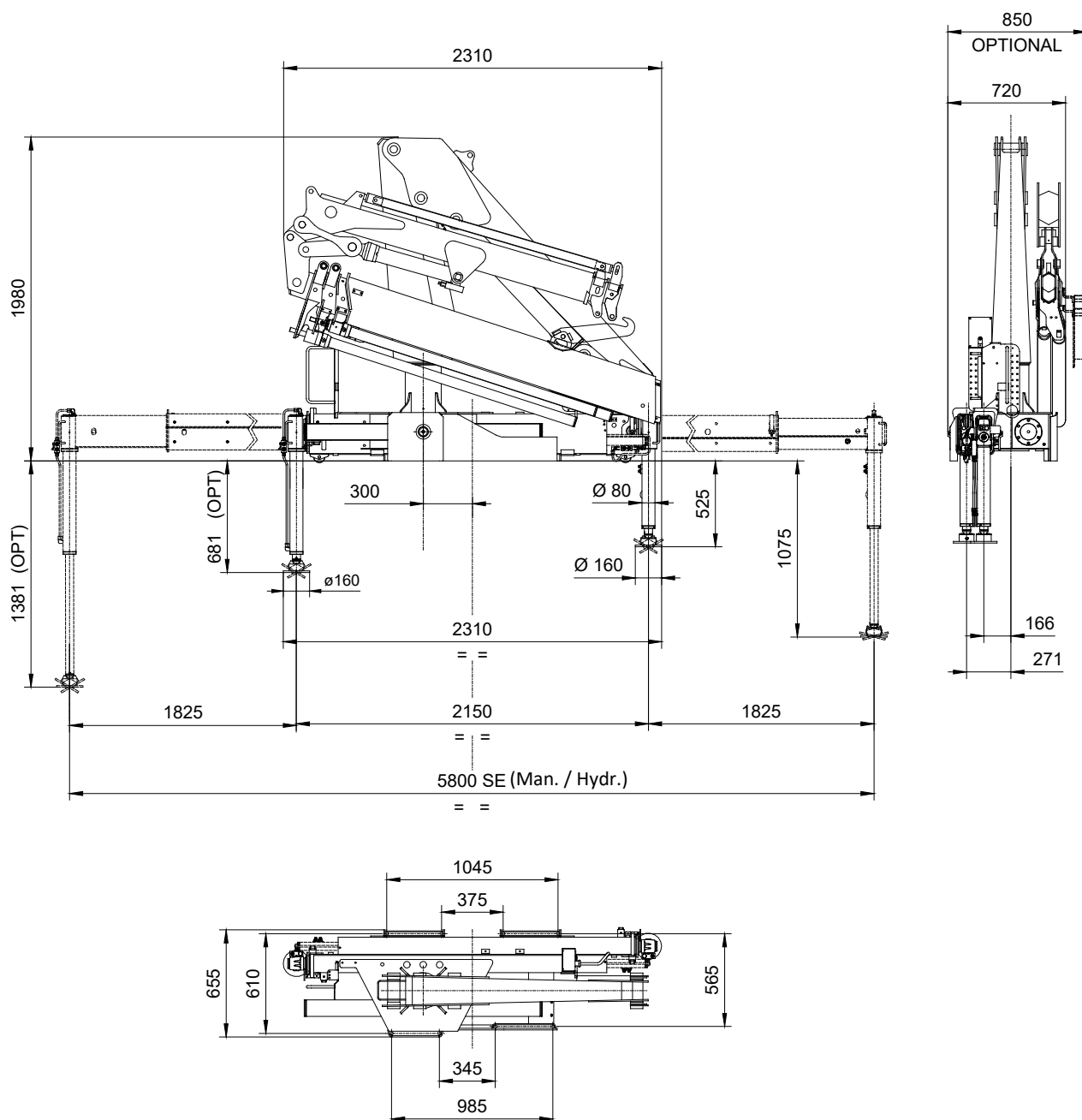


DIMENSIONI DI INGOMBRO DIMENSIONS 808N-NO JIB - 908N-NO JIB SUPER-EXTRA FIXED STABILIZERS

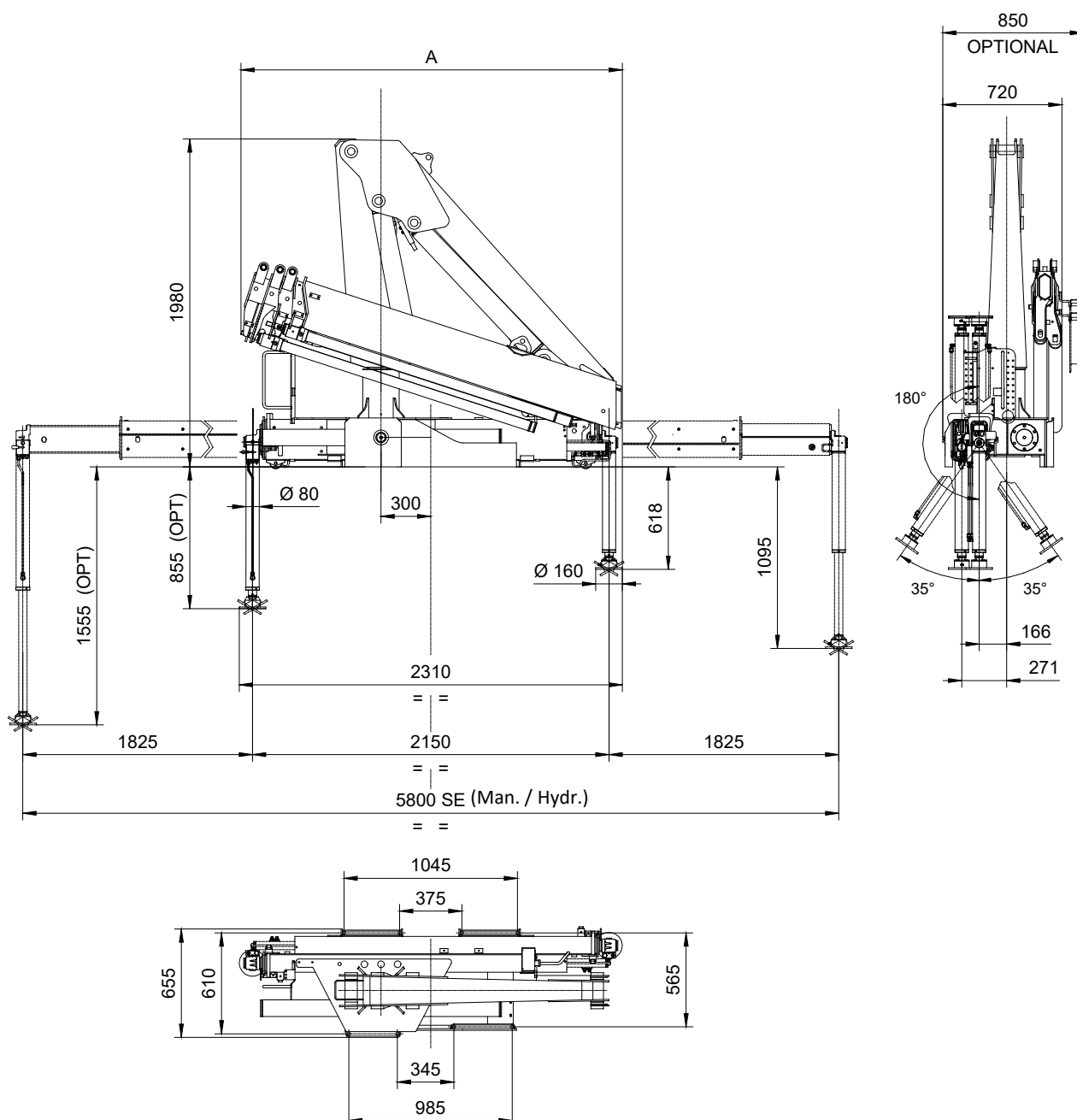


VERSIONE - VERSION	A [mm]
1S	2080
2S	2155
3S	2275
4S	2300

DIMENSIONI DI INGOMBRO
DIMENSIONS
808N-3SJ2 - 908N-3SJ2
SUPER-EXTRA FIXED STABILIZERS



DIMENSIONI DI INGOMBRO
DIMENSIONS
808N-NO JIB - 908N-NO JIB
SUPER-EXTRA TILTING STABILIZERS



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

DIAGRAMMA PORTATE **LOAD DIAGRAM** **1S**

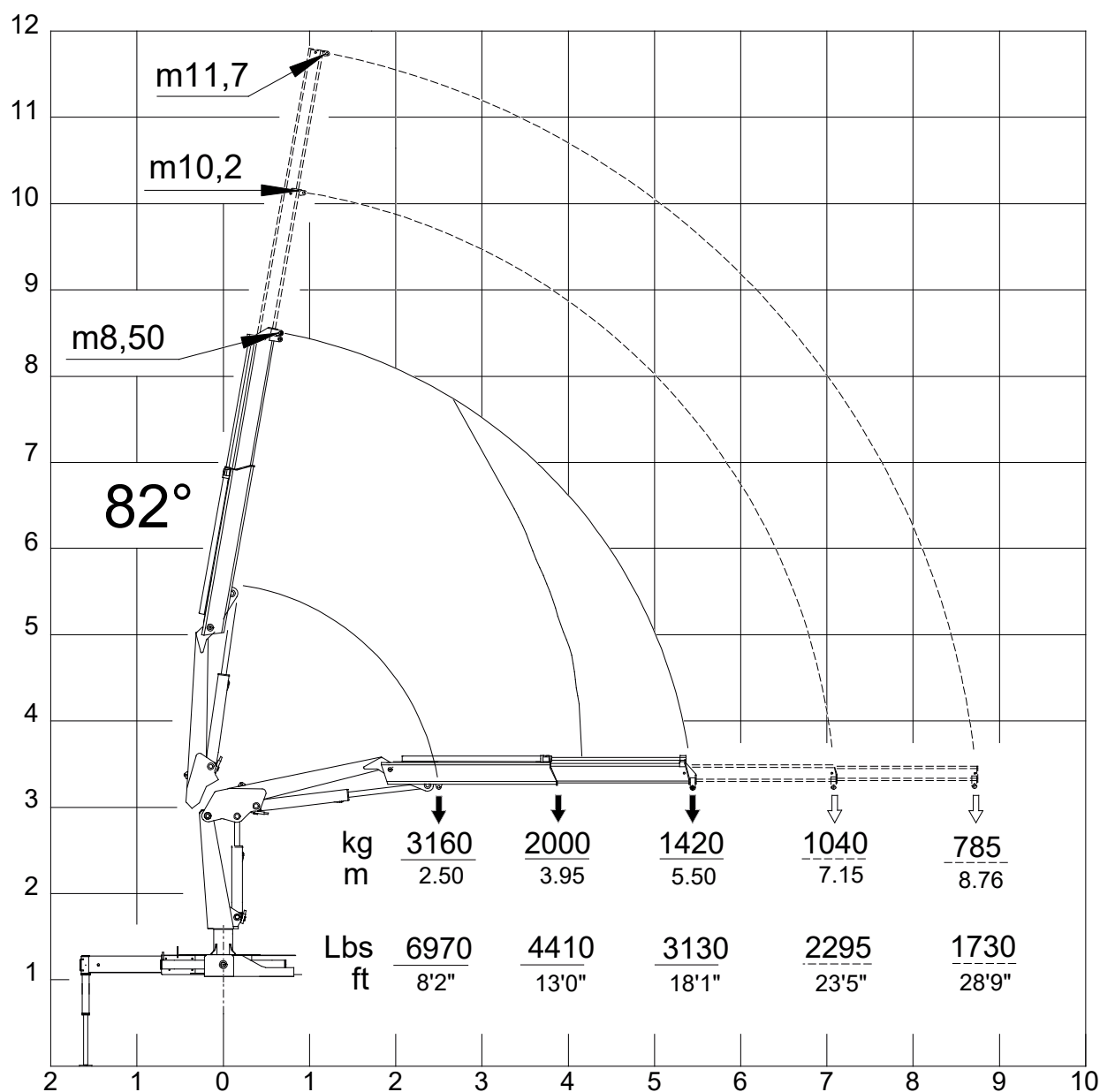


DIAGRAMMA PORTATE
LOAD DIAGRAM
2S

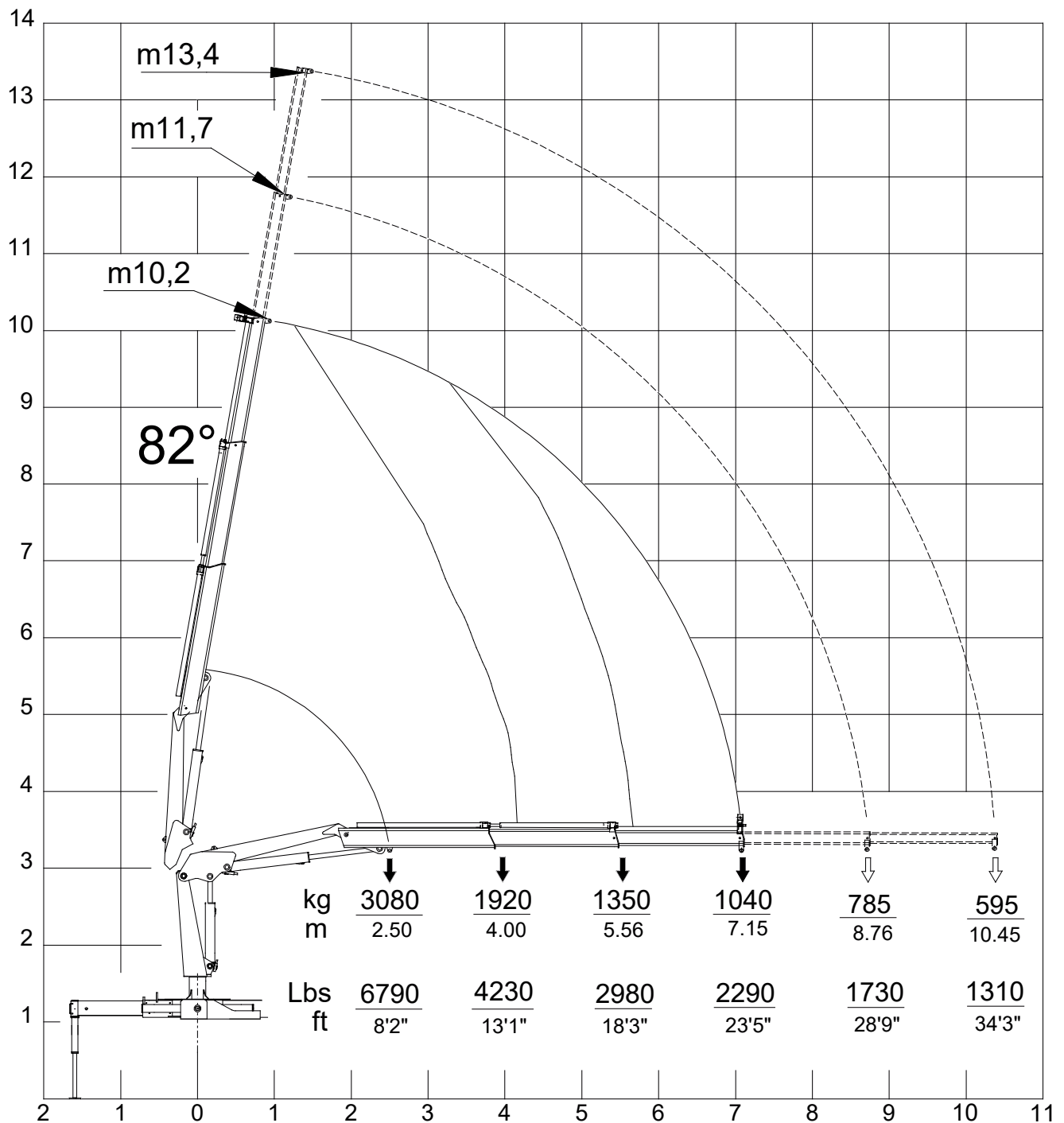


DIAGRAMMA PORTATE
LOAD DIAGRAM
3S

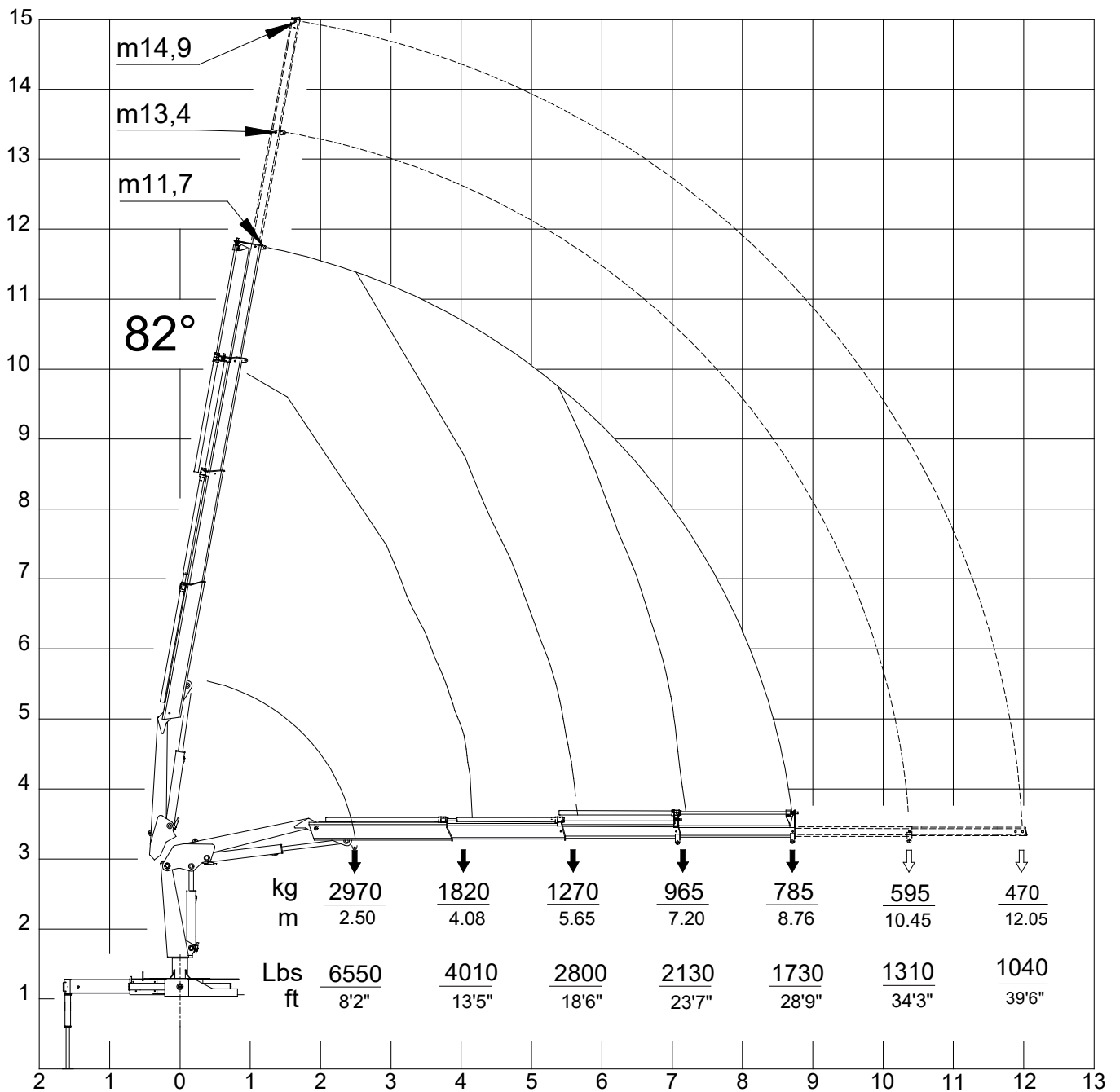


DIAGRAMMA PORTATE
LOAD DIAGRAM
4S

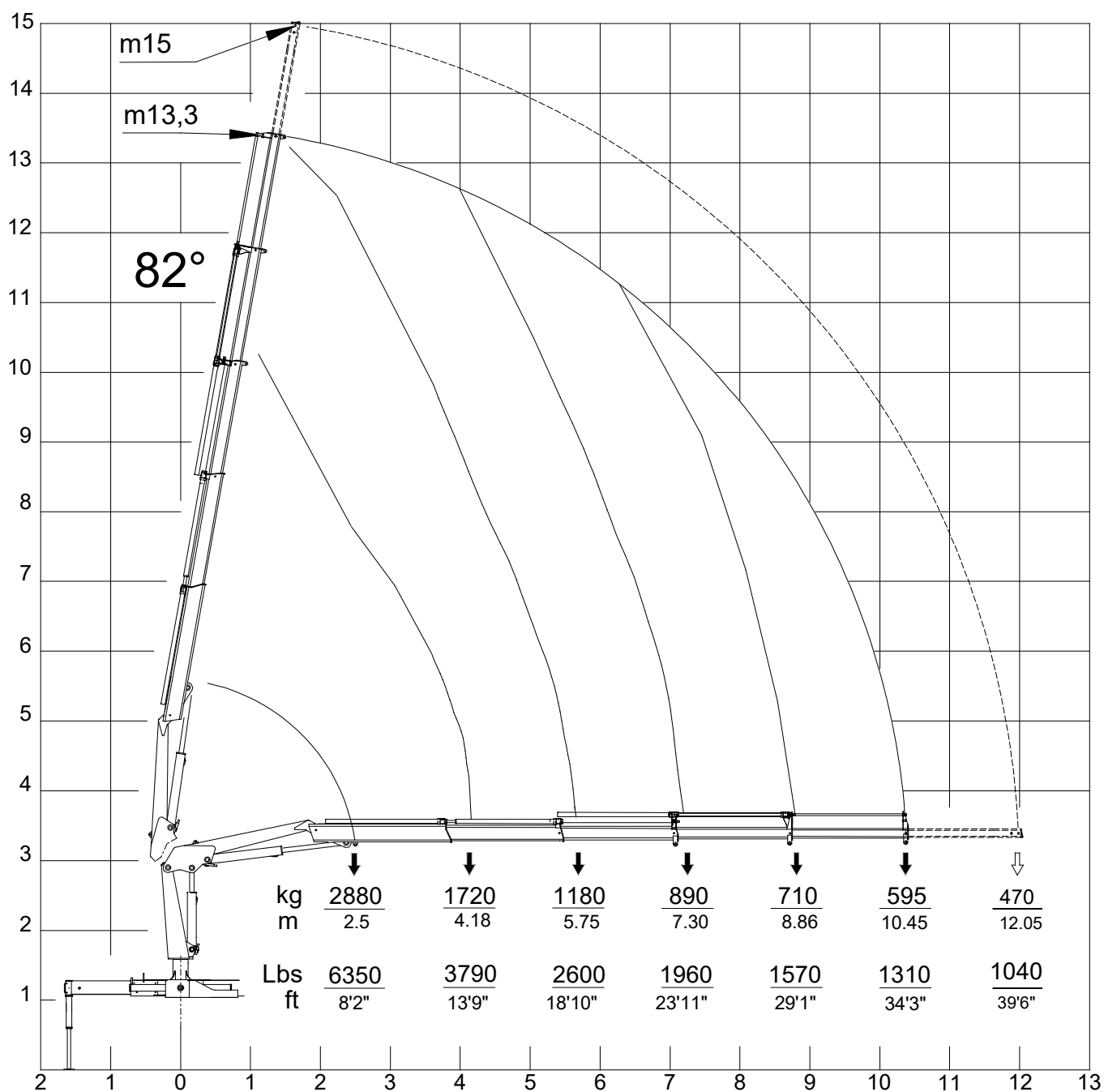
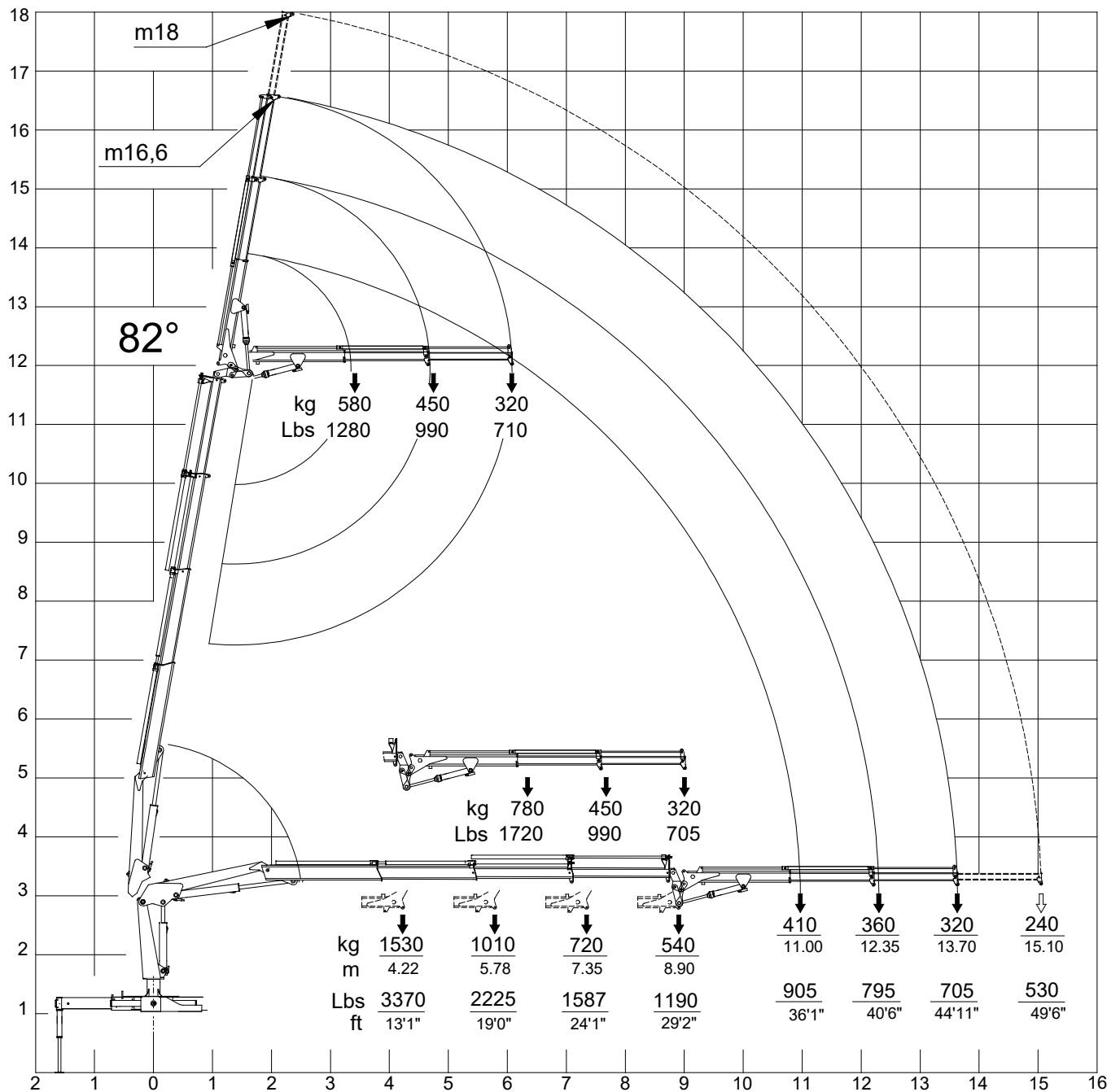
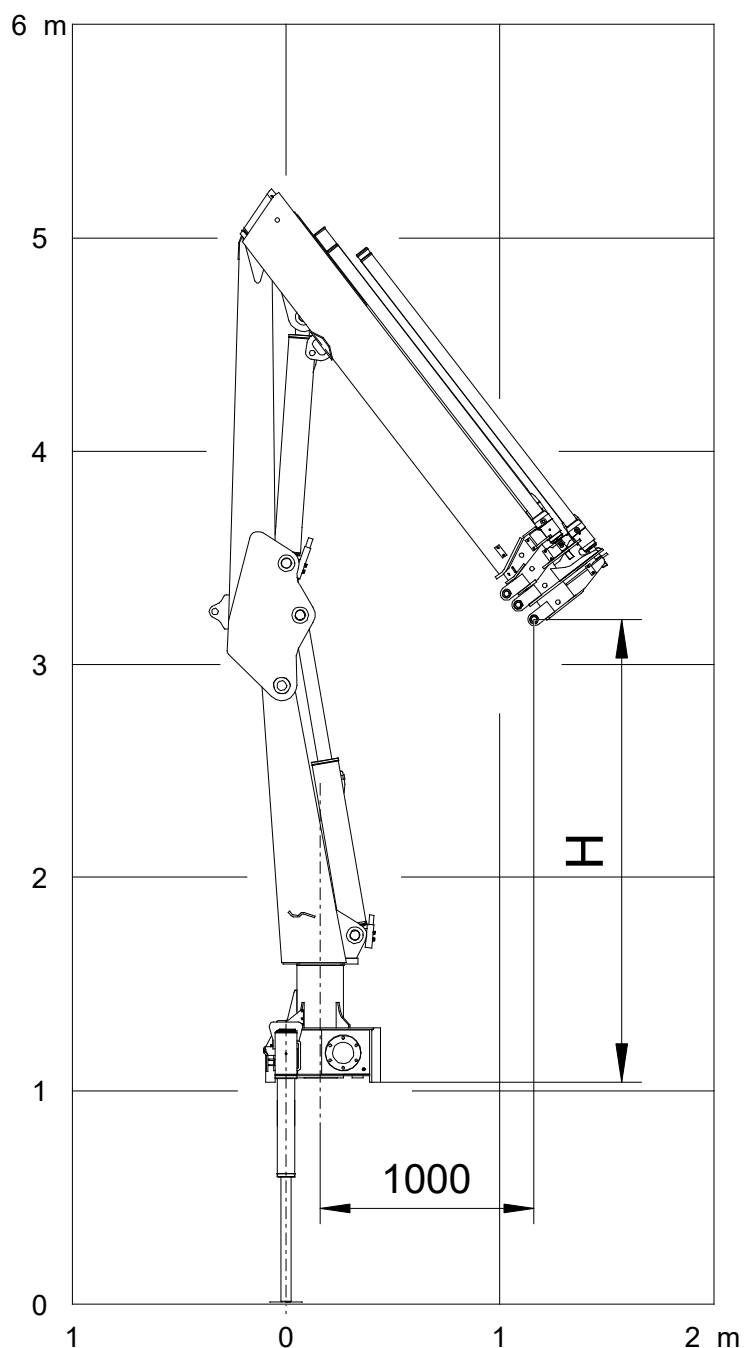


DIAGRAMMA PORTATE
LOAD DIAGRAM
3SJ2

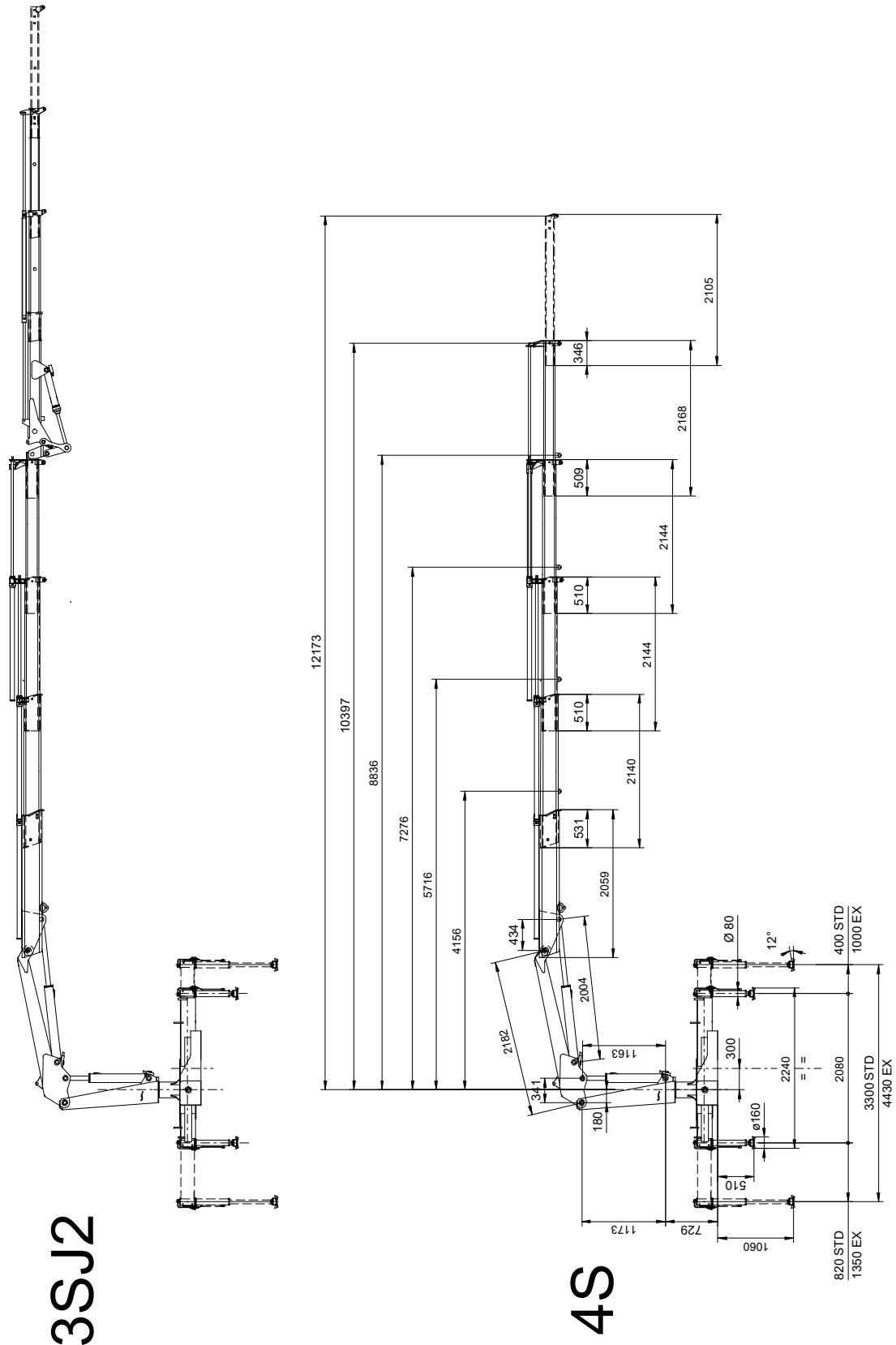


ALTEZZA ATTACCO GANCIO HOOK HEIGHT



	H
V808N 1S	2375 mm
V808N 2S	2375 mm
V808N 3S	2285 mm
V808N 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.**

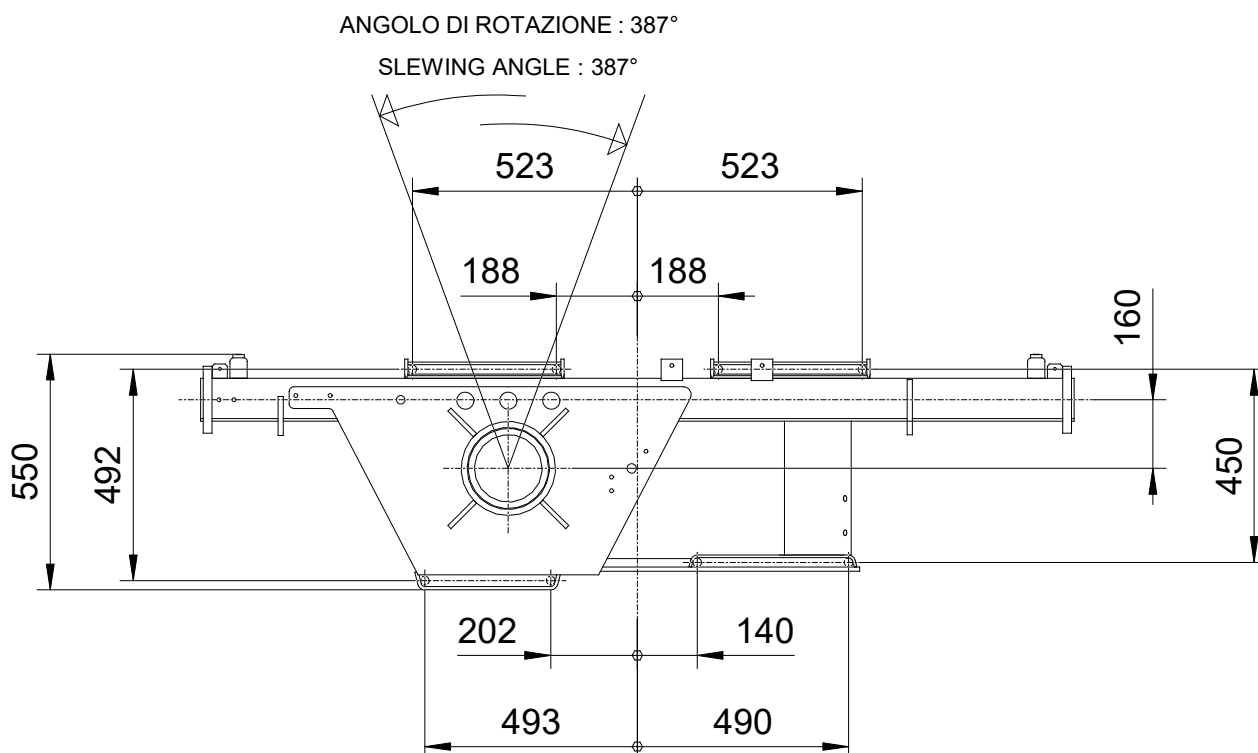
Alesaggio - <i>Cylinder bore</i>	45
Diametro esterno - <i>Cyl. ext. diameter</i>	55
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Centers (open)</i>	2865
Interasse chiuso - <i>Centers (closed)</i>	1535
Corsa - <i>Stroke</i>	1330
Ø perno fissaggio - <i>Fixing pin Ø</i>	15
Materiale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

CILINDRO 2° SFILO JIB **2ND JIB EXTENSION CYL.**

Alesaggio - <i>Cylinder bore</i>	40
Diametro esterno - <i>Cyl. ext. diameter</i>	50
Diametro stelo - <i>Rod diameter</i>	25 - 0
Interasse aperto - <i>Centers (open)</i>	2865
Interasse chiuso - <i>Centers (closed)</i>	1535
Corsa - <i>Stroke</i>	1330
Ø perni articolazione - <i>Artic. 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



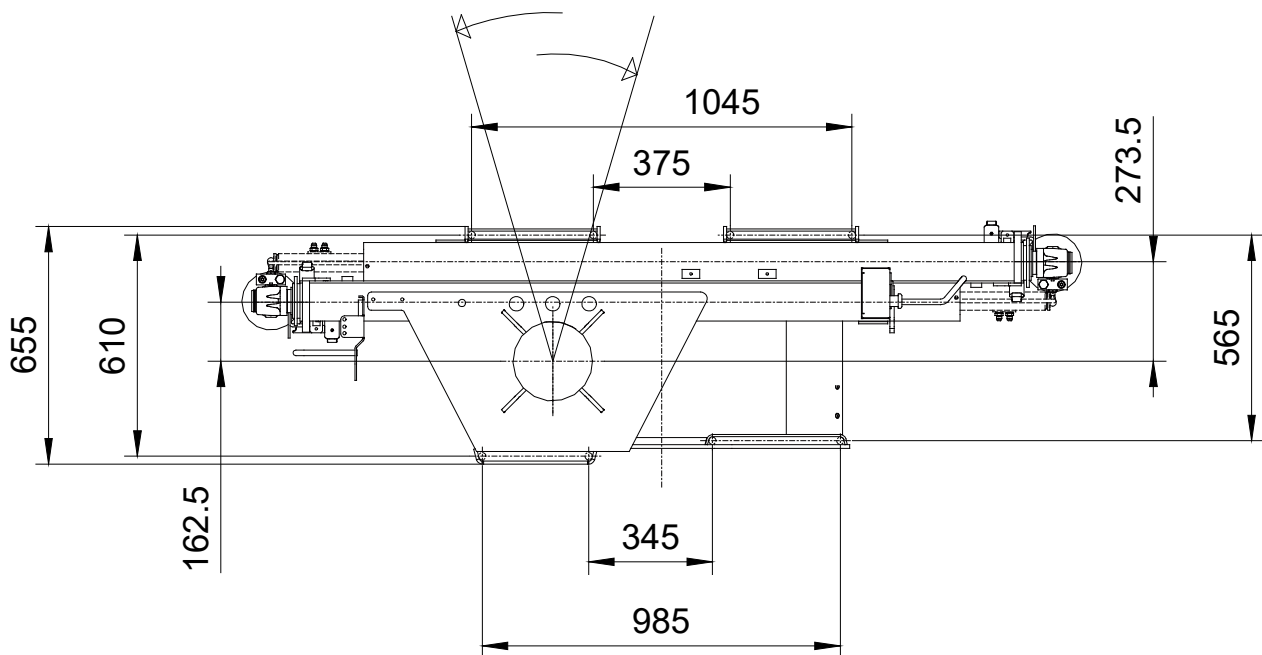
Tiranti di staffaggio <i>Mounting tie rods</i>	N° 8 M20x1.5 42CrMo4 BNF (QT)
Viti fissaggio canna di rotazione <i>Rotation cylinder fixing bolts</i>	N° 6 M14x35 8.8 UNI 5931 Coppia di serraggio (Tightening torque) 80 Nm

DIMENSIONI BASAMENTO CON STABILIZZATORI SE

BASE DIMENSIONS WITH SE STABILIZERS

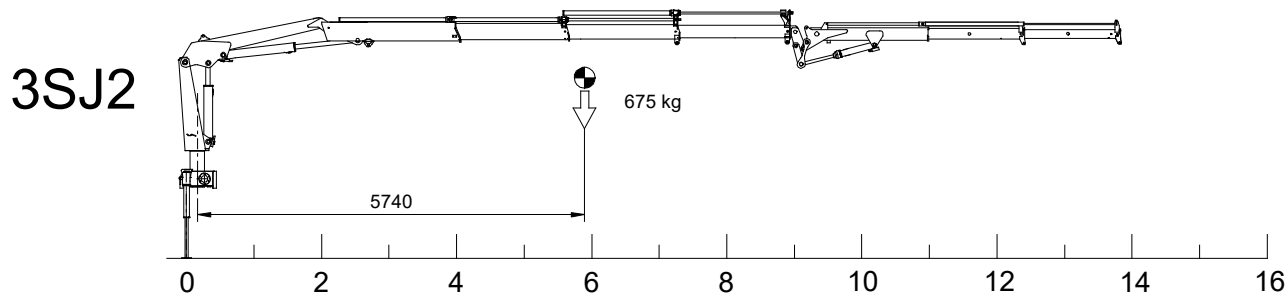
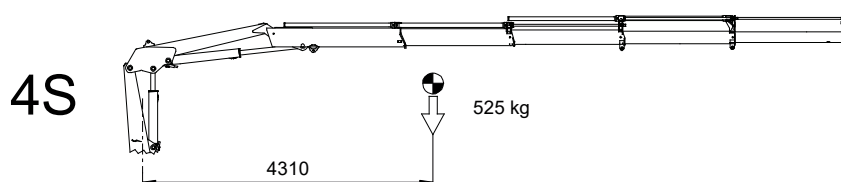
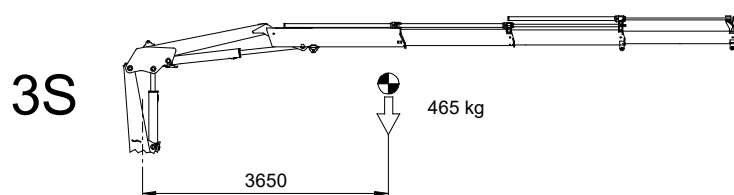
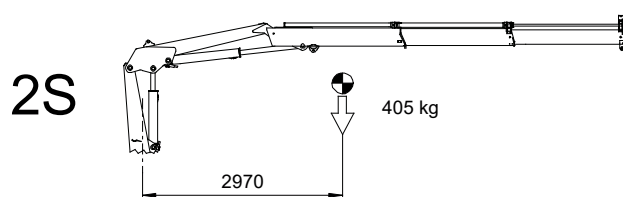
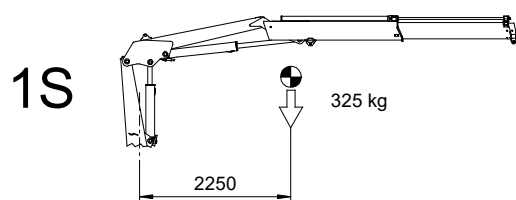
ANGOLO DI ROTAZIONE : 387°

SLEWING ANGLE : 387°

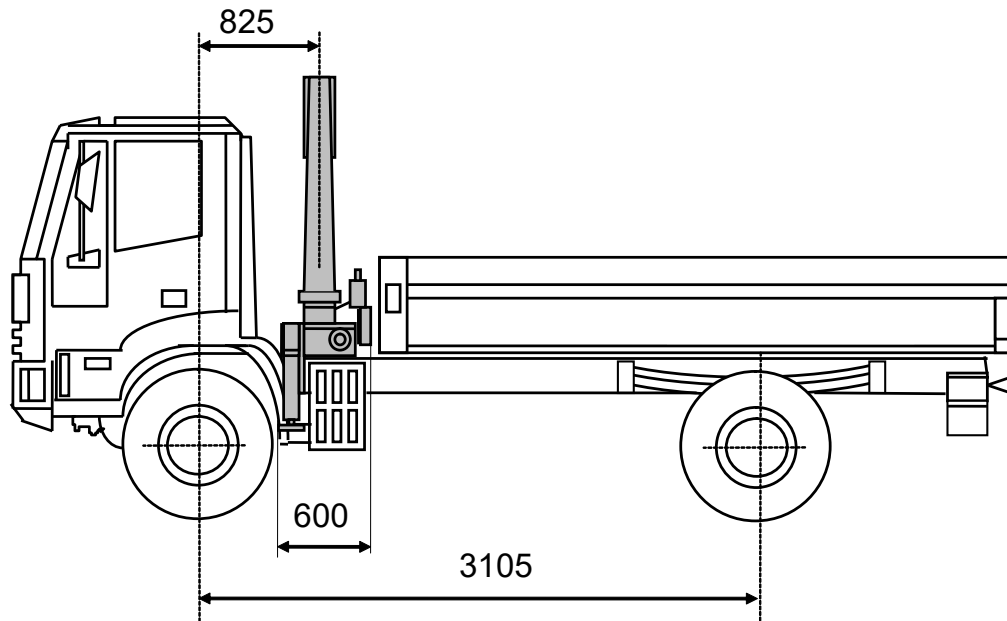


PESI – BARICENTRI

WEIGHTS – CENTER OF GRAVITY



	STD MAN	EXT MAN	EXT HYD	SE MAN	SE HYD
Peso parti fisse (kg) <i>Fixed parts weight</i>	625	675	705	760	820

AUTOCARRO MINIMO SENZA STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITHOUT SUPPLEMENTARY STABILIZERS**PTT (GVW) = 120 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 2570 kg

Carico ammissibile asse anteriore = 4480 kg

Asse posteriore

Tara asse posteriore = 1190 kg

PESI ALLESTIMENTO

Peso cassone = 300 kg

Peso gru = 1230 kg (808N 4S EXT HYD)

Peso controtelaio = 30 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2570 kg

Allowable front axle weight = 4480 kg

Rear axle

Rear axle tare weight = 1190 kg

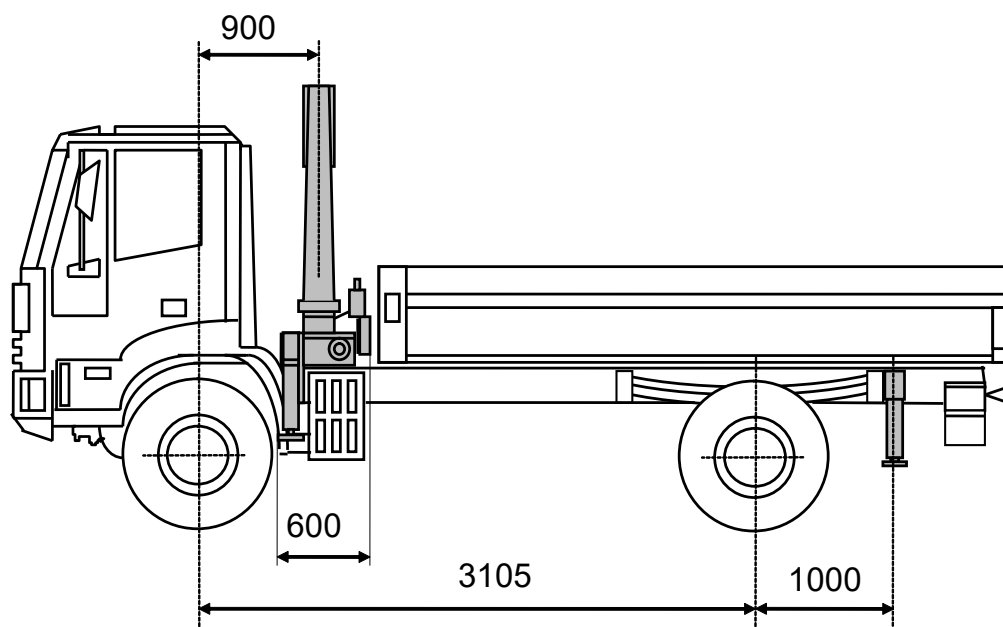
OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1230 kg (808N 4S EXT HYD)

Counterframe weight = 30 kg

Coefficiente di stabilità = 1,31**Stability index = 1,31**

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITH SUPPLEMENTARY STABILIZERS**PTT (GVW) = 80 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 2390 kg

Carico ammissibile asse anteriore = 3400 kg

Asse posteriore

Tara asse posteriore = 920 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2390 kg

Allowable front axle weight = 3400 kg

Rear axle

Rear axle tare weight = 920 kg

PESI ALLESTIMENTO

Massa cassone = 300 kg

Peso gru = 1230 kg (808N 4S EXT HYD)

Massa controtelaio = 120 kg

OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1230 kg (808N 4S EXT HYD)

Counterframe weight = 120 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 = 1,61**Stability index = 1,61**

CONTROTELAIO MINIMO

MIN COUNTERFRAME

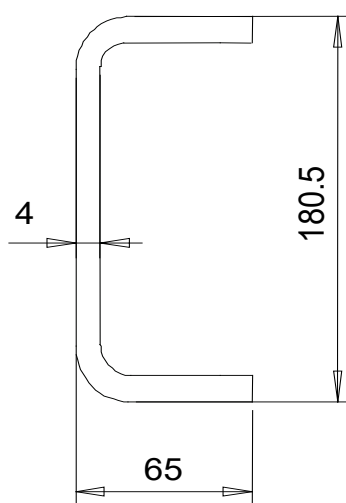
Momento dinamico max (daNm)

Max dynamic moment

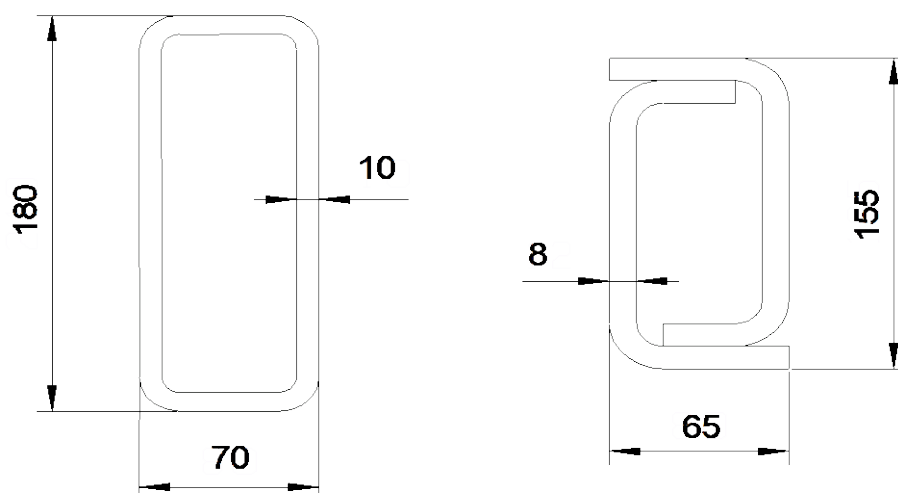
9490

Sezione telaio minima (autocarro PTT=80 q ; materiale Fe510 - S355)

Min frame section (truck GVW 8.0 ton ; steel S355)

**Sezione minima controtelaio (materiale Fe510 - S355)**

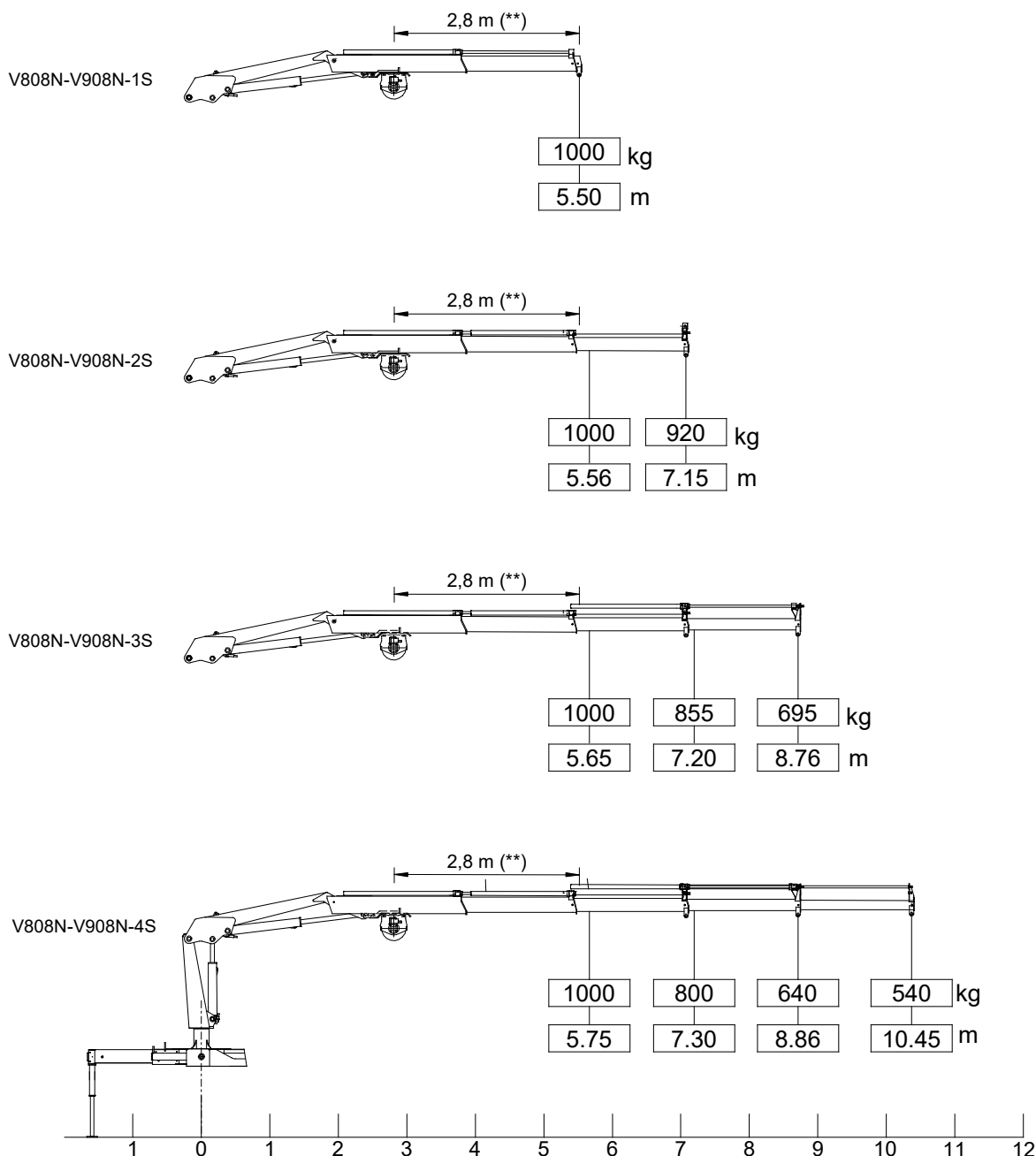
Min counterframe section (steel S355)



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

