

807NT - 907NT

RACCOLTA TECNICA TECHNICAL BOOK



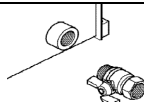
CARATTERISTICHE GENERALI TECHNICAL DATA

Momento dinamico max (daNm) Max dynamic moment	8600
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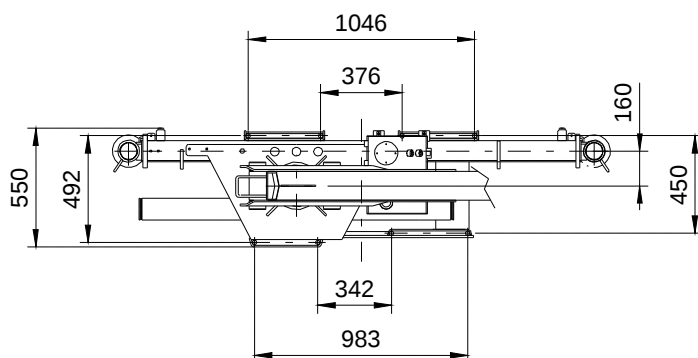
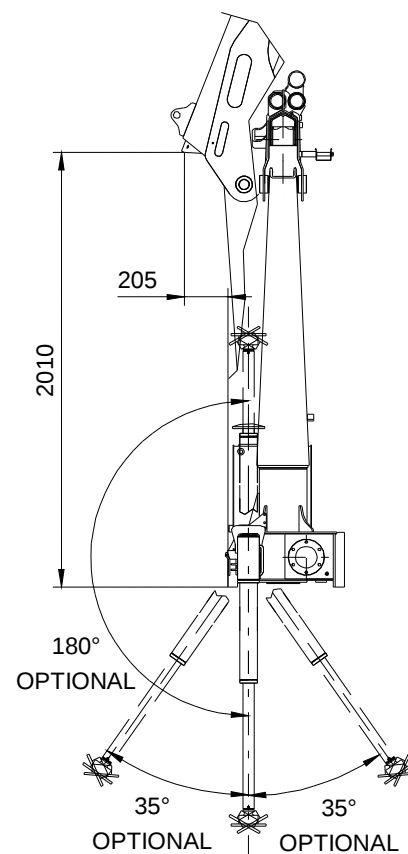
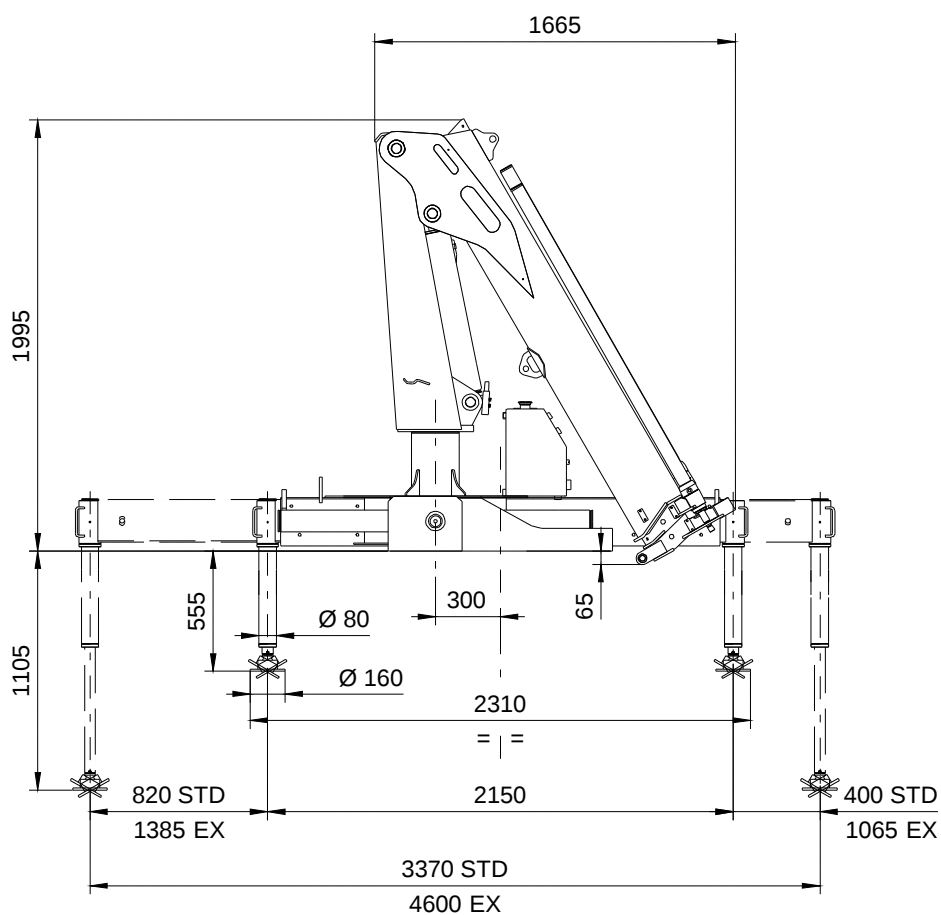
	Versione	
Portata max (kg) Max capacity	2S	3300
	3S	3150
	4S	2970

	Versione	STD	EX	EX HYD
Massa in ordine di lavoro (kg) Crane weight	2S	880	925	955
	3S	940	985	1015
	4S	1000	1045	1075

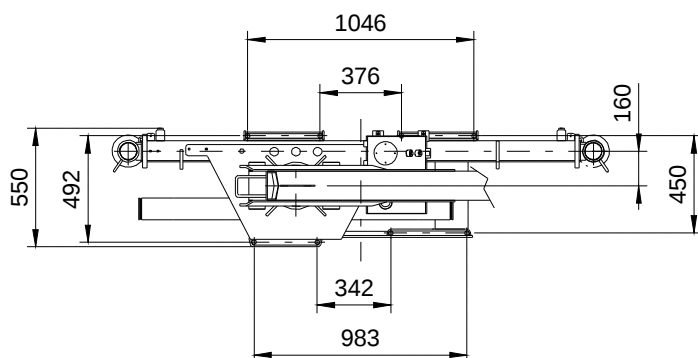
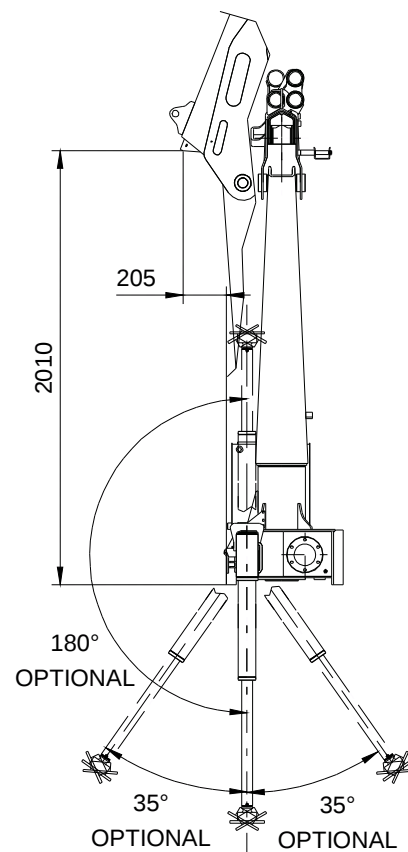
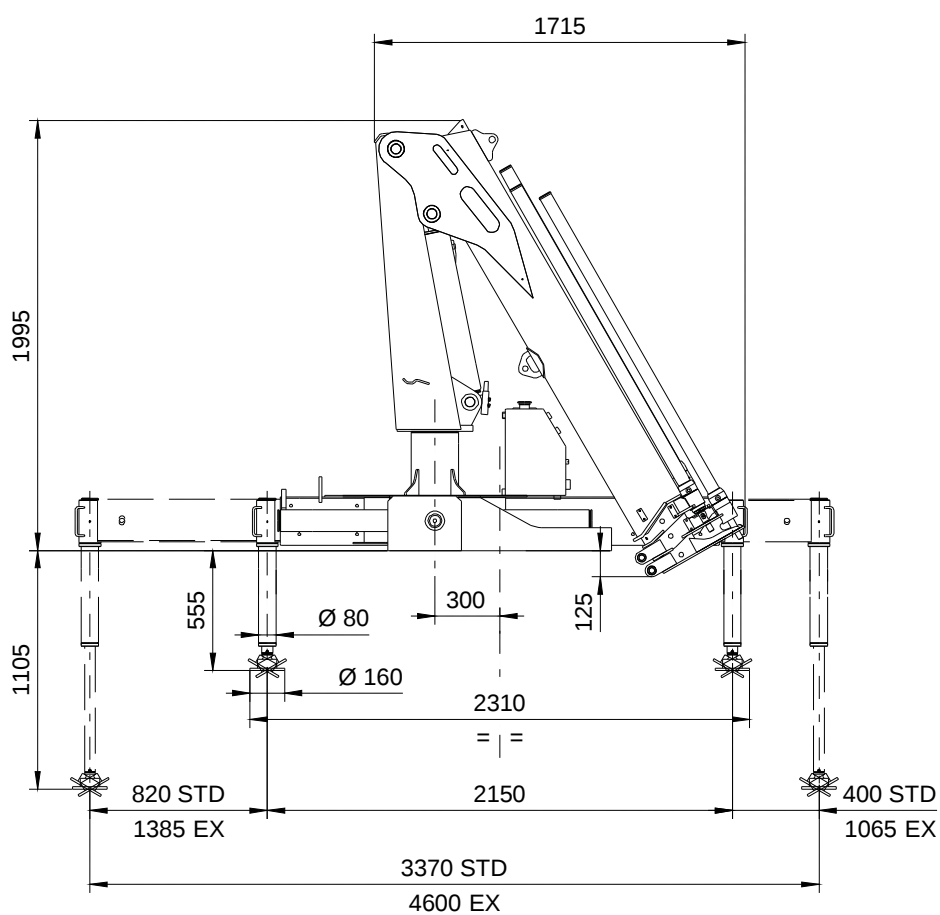
Reazione massima sullo stabilizzatore standard Max force on the standard stabilizer leg	5970 daN
Reazione massima sullo stabilizzatore extra Max force on the extra stabilizer leg	3980 daN
Carico massimo trasmesso al suolo da stabilizzatori standard Max standard stabilizer pressure on the ground	33.8 daN/cm ²
Carico massimo trasmesso al suolo da stabilizzatori extra Max extra stabilizer pressure on the ground	22.6 daN/cm ²
Pressione massima di esercizio Max working pressure	260 bar
Portata massima di olio Max oil flow	18 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	9.4 kW 12.6 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	F1" BSP

DIMENSIONI DI INGOMBRO
DIMENSIONS
2S



DIMENSIONI DI INGOMBRO
DIMENSIONS
3S



DIMENSIONI DI INGOMBRO
DIMENSIONS
4S

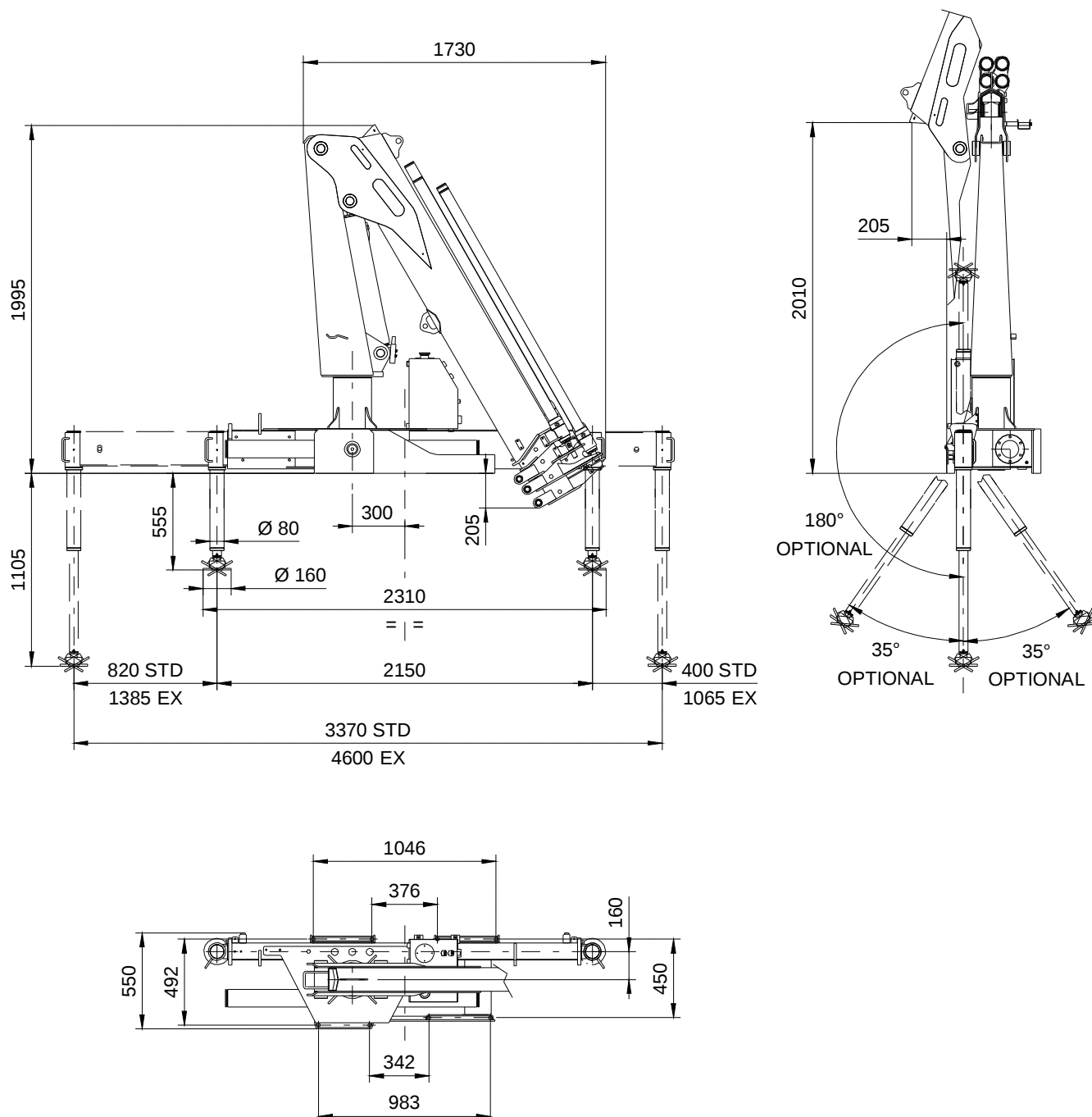


DIAGRAMMA PORTATE
LOAD DIAGRAM
2S

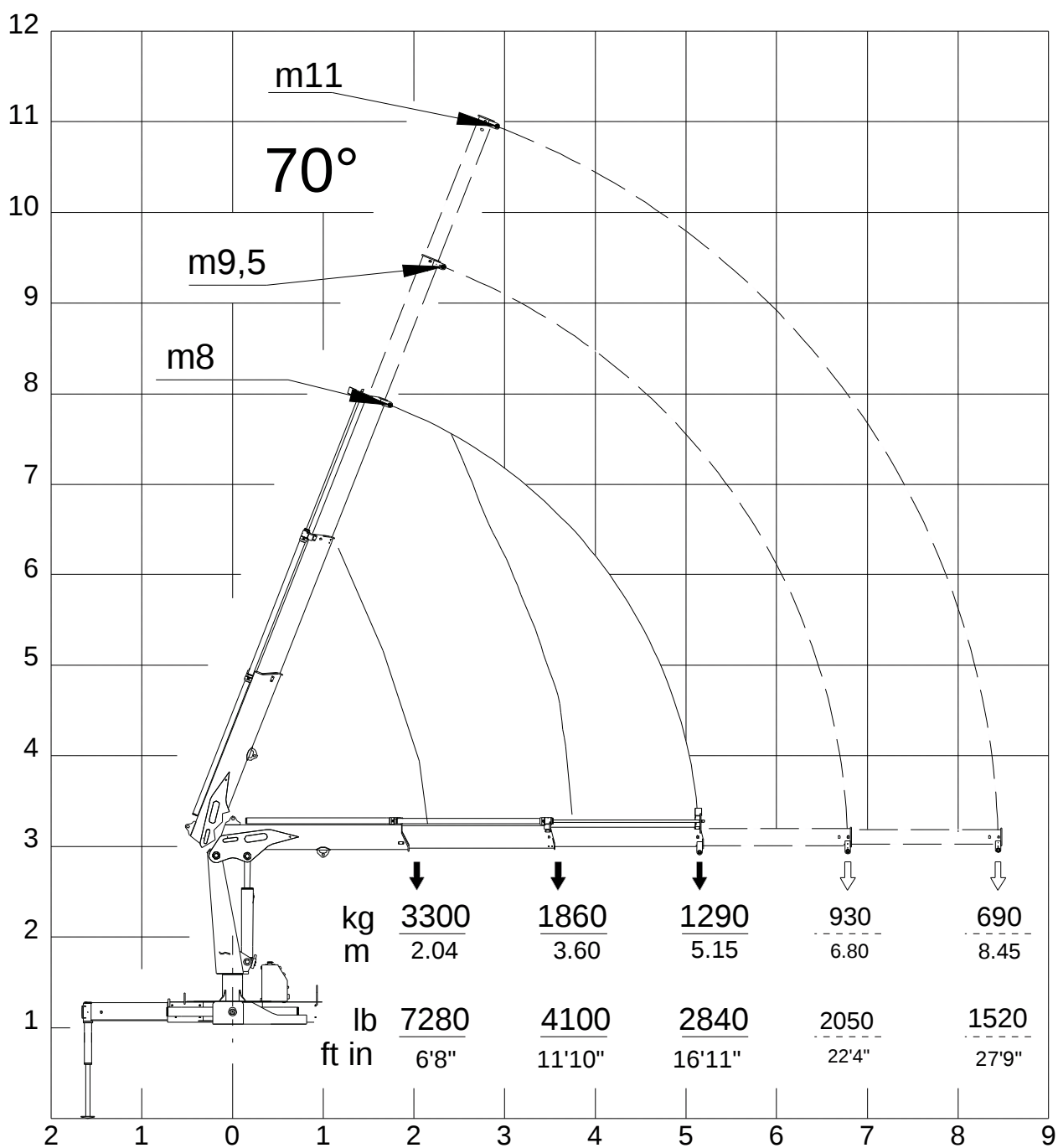


DIAGRAMMA PORTATE
LOAD DIAGRAM
3S

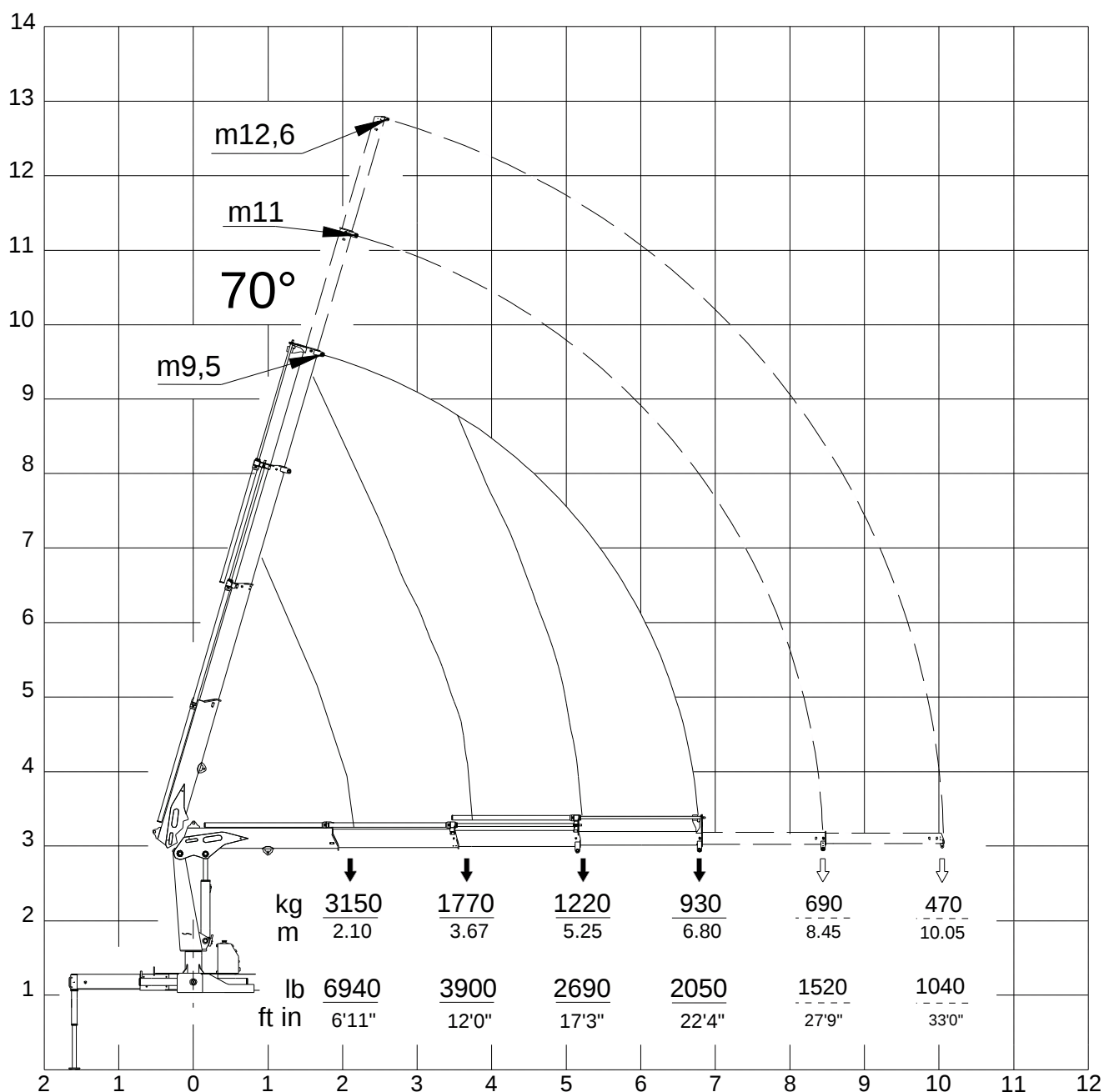
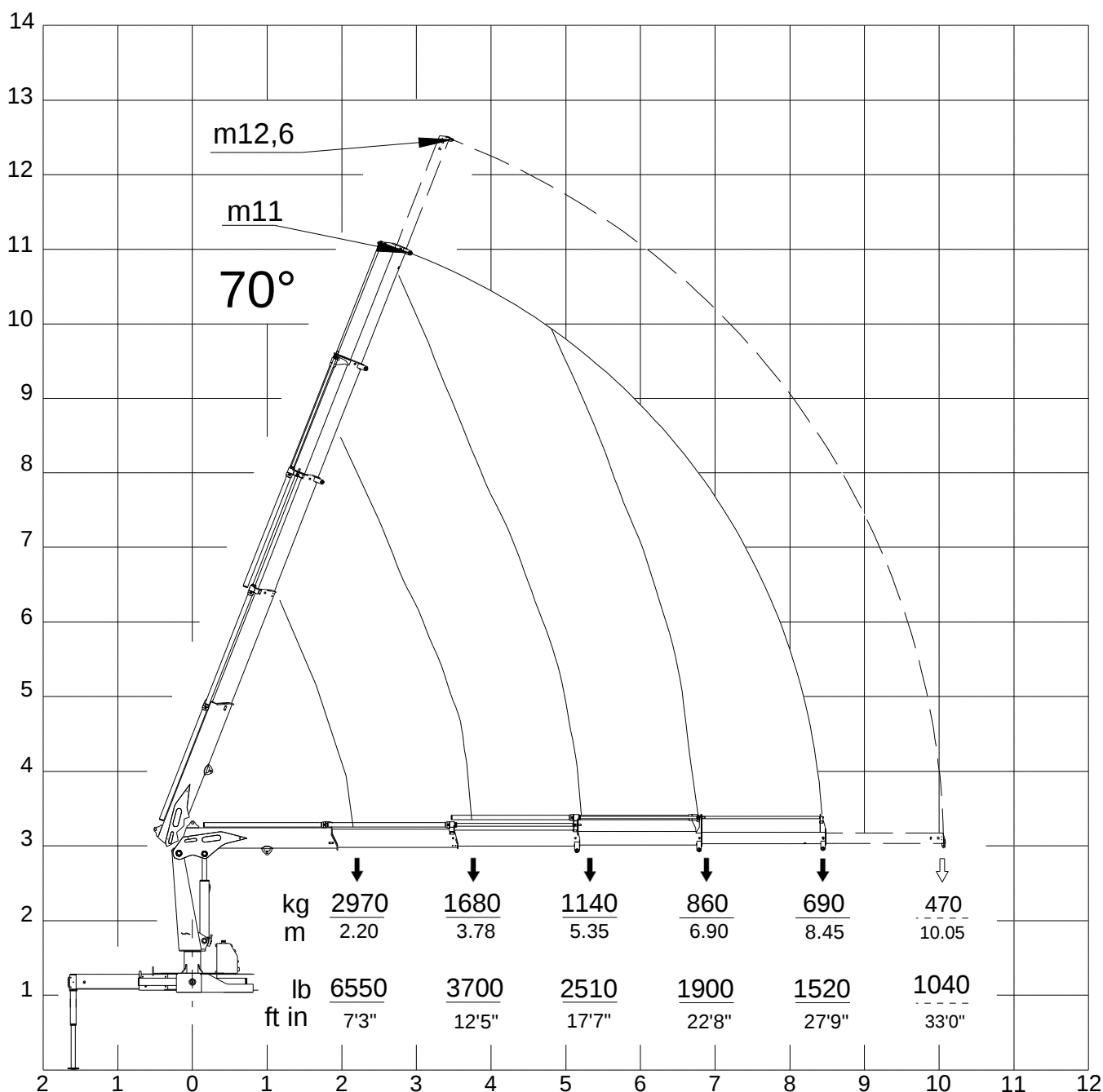
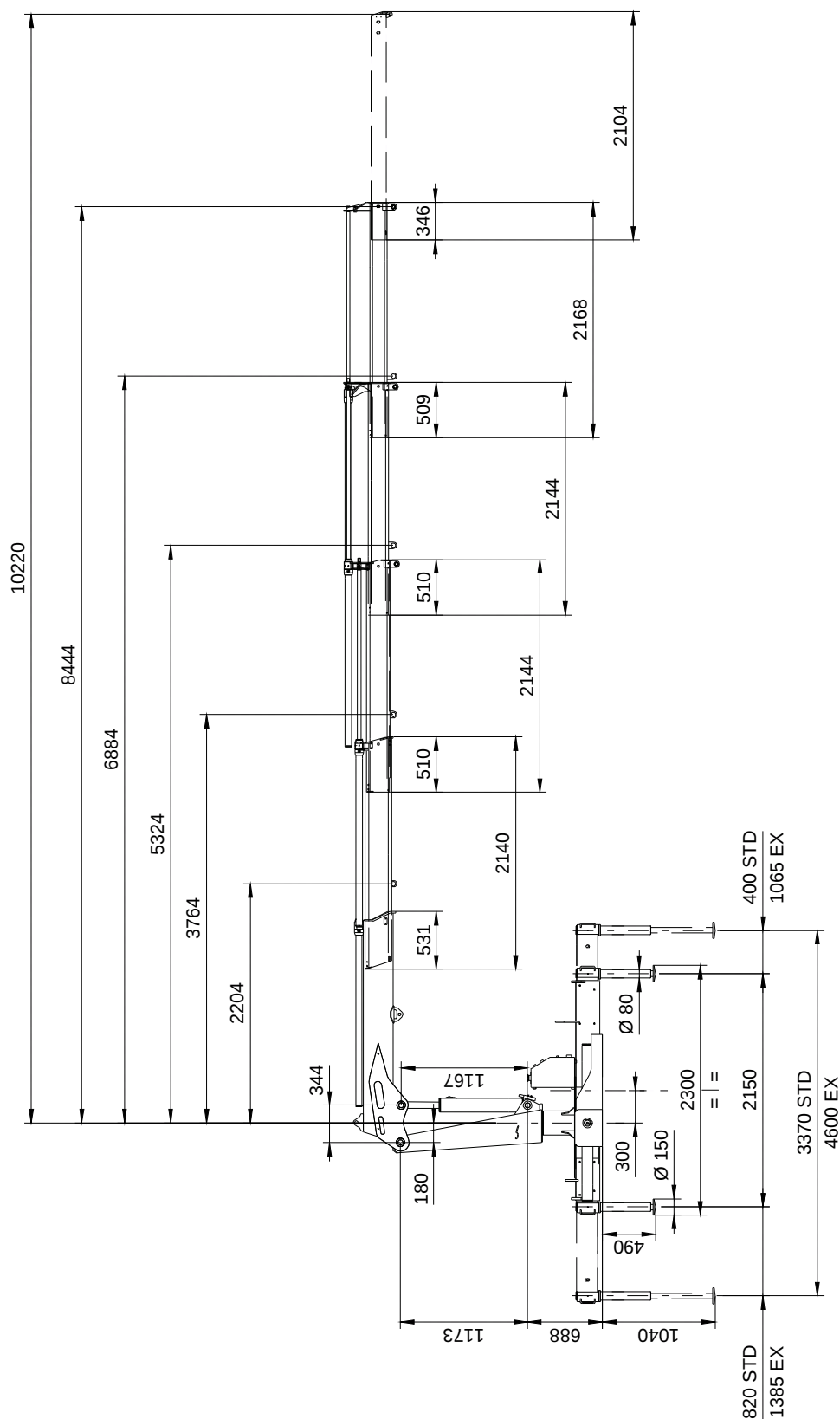


DIAGRAMMA PORTATE
LOAD DIAGRAM
4S



DIMENSIONI COLONNA E BRACCI COLUMN AND BOOM DIMENSIONS



DIMENSIONI CILINDRI E PERNI CYLINDERS AND PINS DIMENSIONS

CILINDRO DI SOLLEVAMENTO LIFTING CYLINDER	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 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

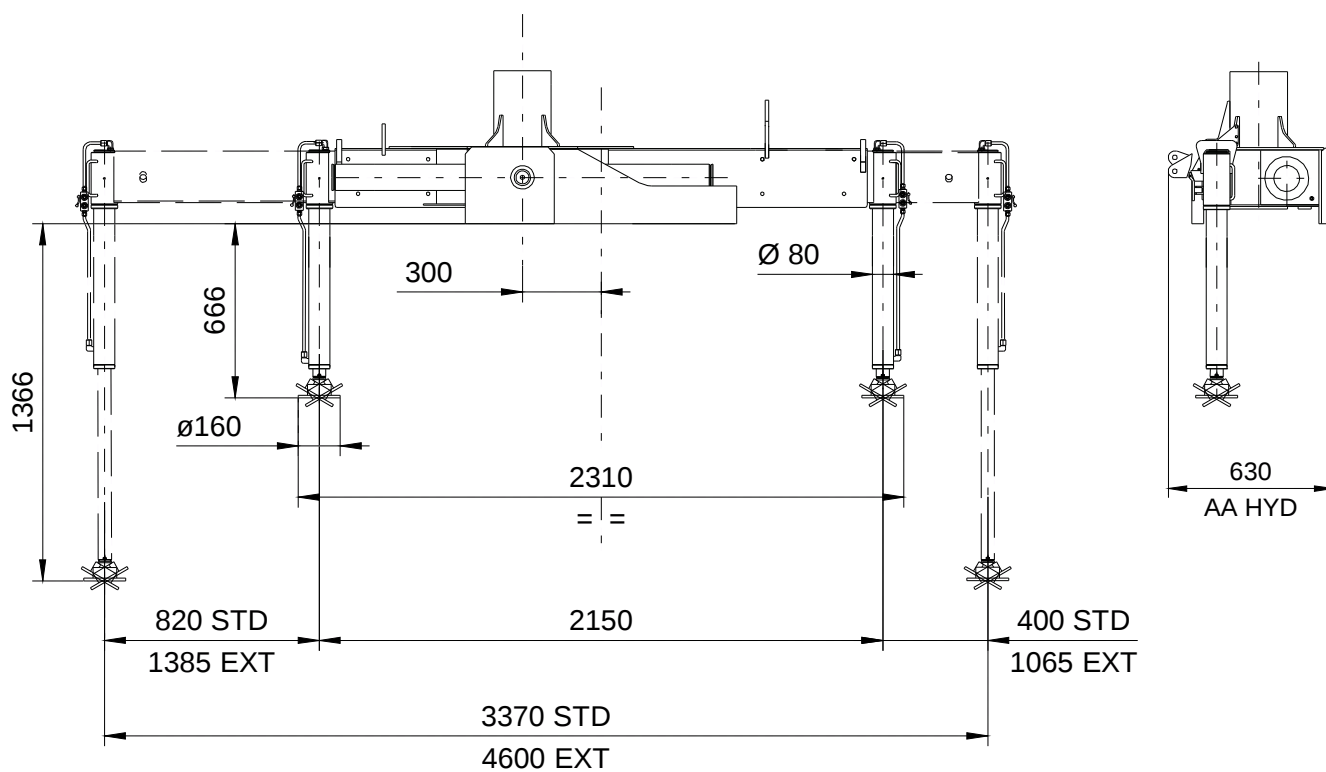
CILINDRO 2°SFILO 2ND EXTENSION CYL.	3S-4S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	35 - 25
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

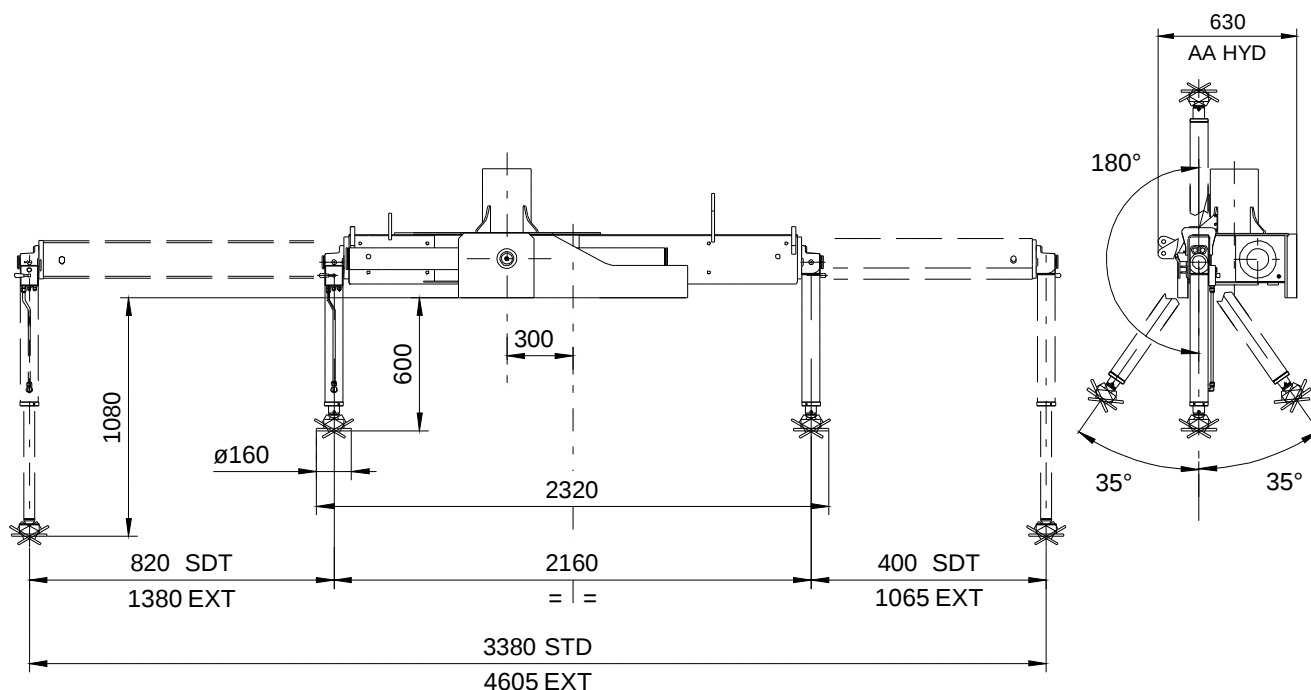
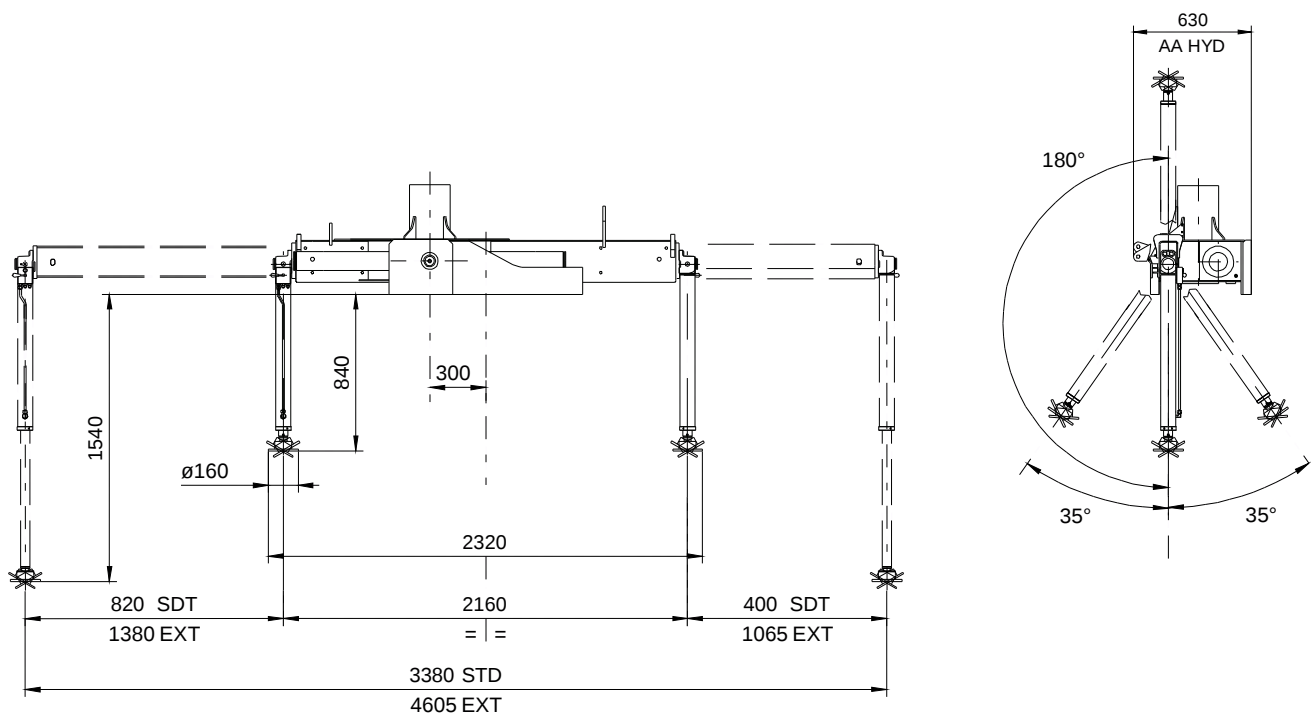
CILINDRO 3°SFILO 3TH EXTENSION CYL.	3S
Alesaggio - <i>Cylinder bore</i>	50
Diametro esterno - <i>Cyl. ext. diameter</i>	60
Diametro stelo - <i>Rod diameter</i>	30 - 0
Interasse aperto - <i>Centers (open)</i>	1710
Interasse chiuso - <i>Centers (closed)</i>	150
Corsa - <i>Stroke</i>	1560

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

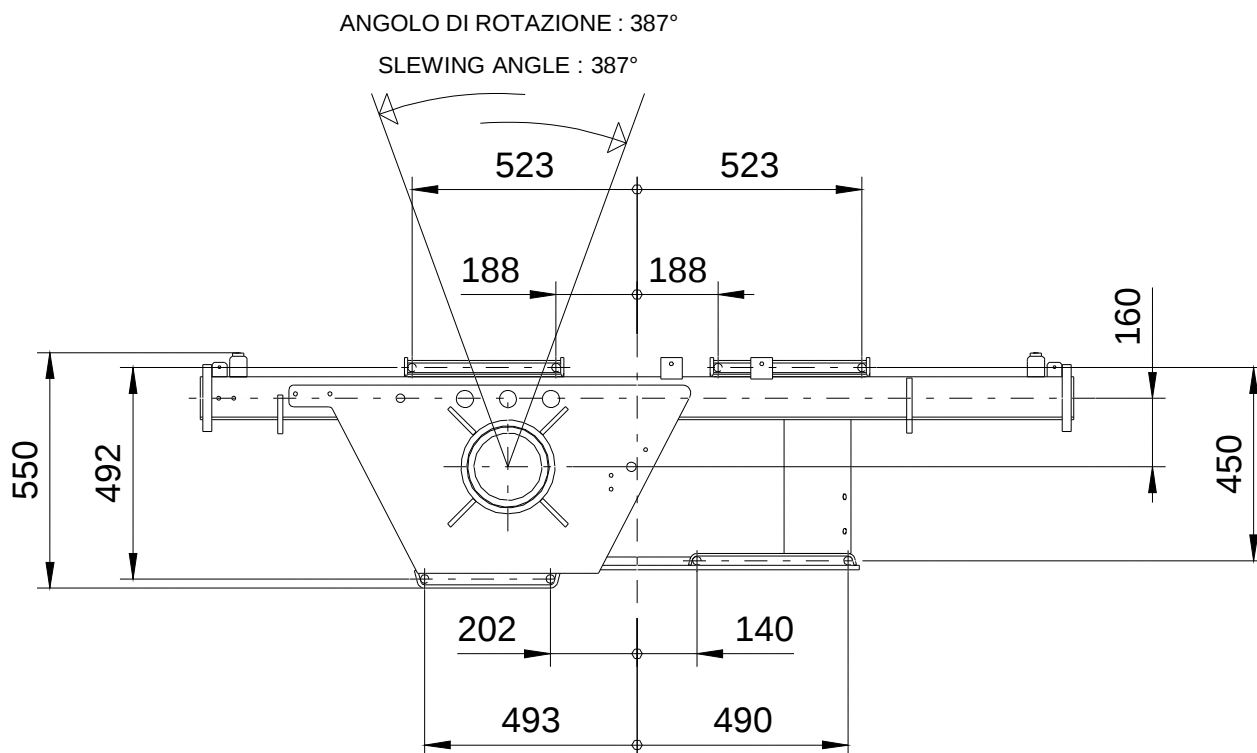
CILINDRO DI ROTAZIONE ROTATION CYLINDER	2S-3S-4S
Alesaggio - <i>Cylinder bore</i>	90
Diametro esterno - <i>Cyl. ext. diameter</i>	100
Diametro stelo - <i>Rod diameter</i>	-
Interasse aperto - <i>Centers (open)</i>	-
Interasse chiuso - <i>Centers (closed)</i>	-
Corsa - <i>Stroke</i>	567

**DIMENSIONI BASAMENTO CON STABILIZZATORI SCORREVOLI LUNGH
BASE DIMENSIONS WITH LONG STABILIZERS**

DIMENSIONI BASAMENTO CON CILINDRI STABILIZZATORI ROTANTI
BASE DIMENSIONS WITH TILTING CYLINDERS**TRAVERSA CON STABILIZZATORI GIREVOLI LUNGI**
CROSSBAR WITH LONG TILTING STABILIZERS

DIMENSIONI BASAMENTO, TIRANTI E VITI ROTAZIONE

BASE DIMENSIONS, TIE RODS & ROTATION SCREWS

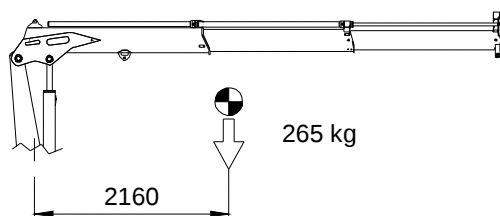


Tiranti di staffaggio <i>Mounting tie rods</i>	N° 8 M20x1.5 42CrMo4 BNF (QT)
Viti fissaggio canna di rotazione <i>Rotation cylinder fixing bolts</i>	N° 6 M14x35 8.8 UNI 5931 Coppia di serraggio (Tightening torque) 80 Nm

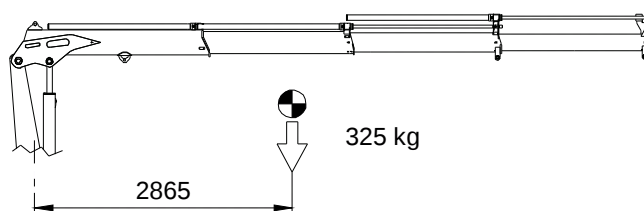
PESI – BARICENTRI

WEIGHTS – CENTER OF GRAVITY

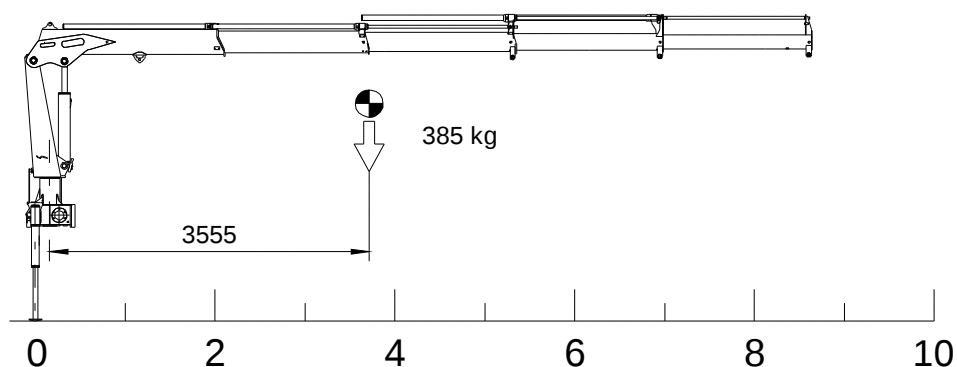
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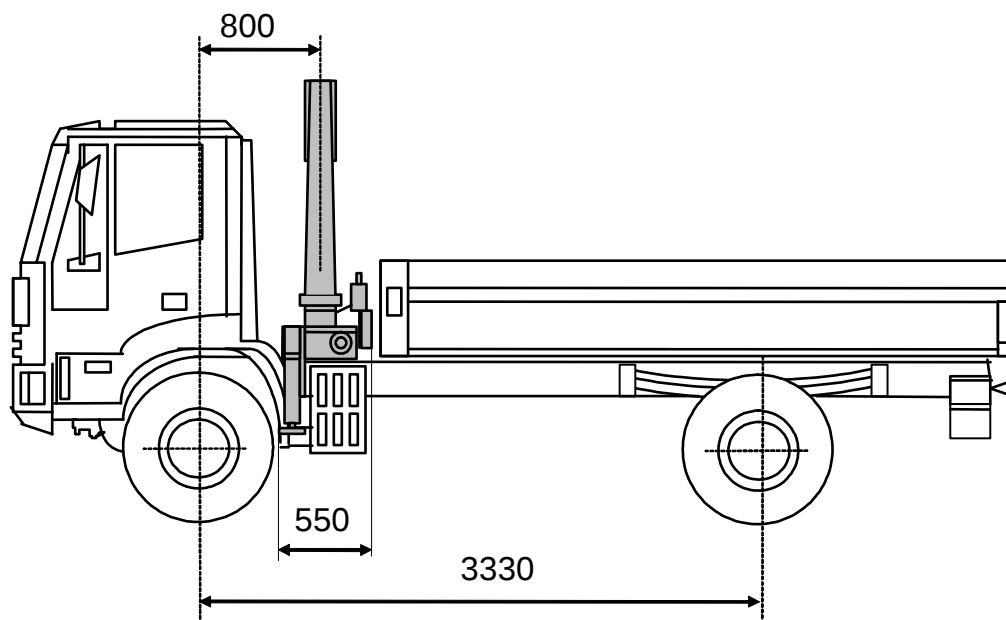
3S



4S



	STD	EX	EX HYD
Peso parti fisse (kg) <i>Fixed parts weight</i>	615	660	690

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

Tara asse anteriore = 2455 kg

Carico ammissibile asse anteriore = 3600 kg

Asse posteriore

Tara asse posteriore = 1030 kg

PESI ALLESTIMENTO

Peso cassone = 300 kg

Peso gru = 1090 kg (807NT 4S EX HYD)

Peso controtelaio = 45 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 2455 kg

Allowable front axle weight = 3600 kg

Rear axle

Rear axle tare weight = 1030 kg

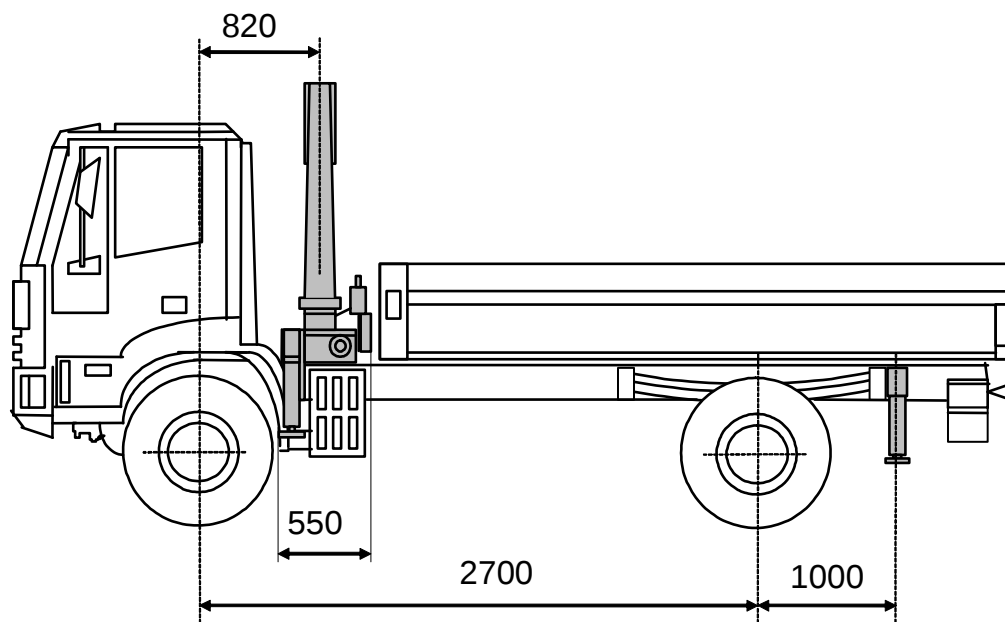
OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1090 kg (807NT 4S EX HYD)

Counterframe weight = 45 kg

Coefficiente di stabilità = 1,66**Stability index = 1,66**

AUTOCARRO MINIMO CON STABILIZZATORI SUPPLEMENTARI
MIN TRUCK WITH SUPPLEMENTARY STABILIZERS**PTT (GVW) = 65 q****DATI AUTOCARRO A VUOTO****Asse anteriore**

Tara asse anteriore = 1995 kg

Carico ammissibile asse anteriore = 2900 kg

Asse posteriore

Tara asse posteriore = 805 kg

CHASSIS DATA**Front axle**

Front axle tare weight = 1995 kg

Allowable front axle weight = 2900 kg

Rear axle

Rear axle tare weight = 805 kg

PESI ALLESTIMENTO

Massa cassone = 300 kg

Peso gru = 1090 kg (807NT 4S EX HYD)

Massa controtelaio = 100 kg

OUTFIT WEIGHTS

Body weight = 300 kg

Crane weight = 1090 kg (807NT 4S EX 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 = 1,74**Stability index = 1,74**

CONTROTELAIO MINIMO

MIN COUNTERFRAME

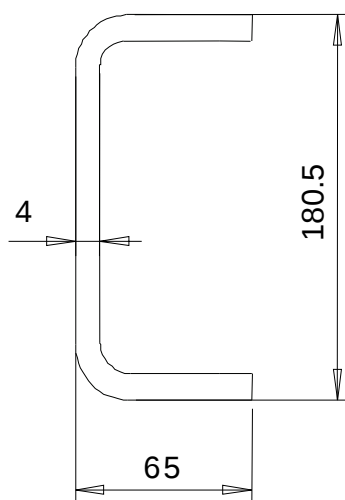
Momento dinamico max (daNm)

Max dynamic moment

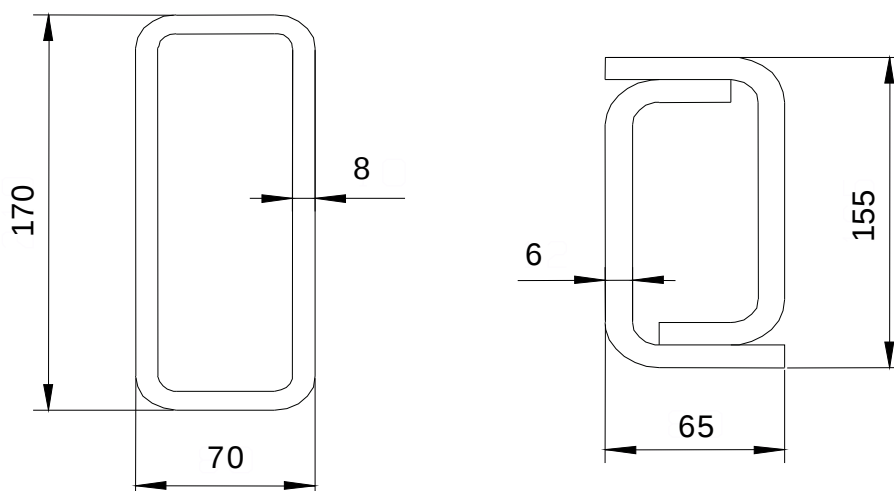
8600

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

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

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

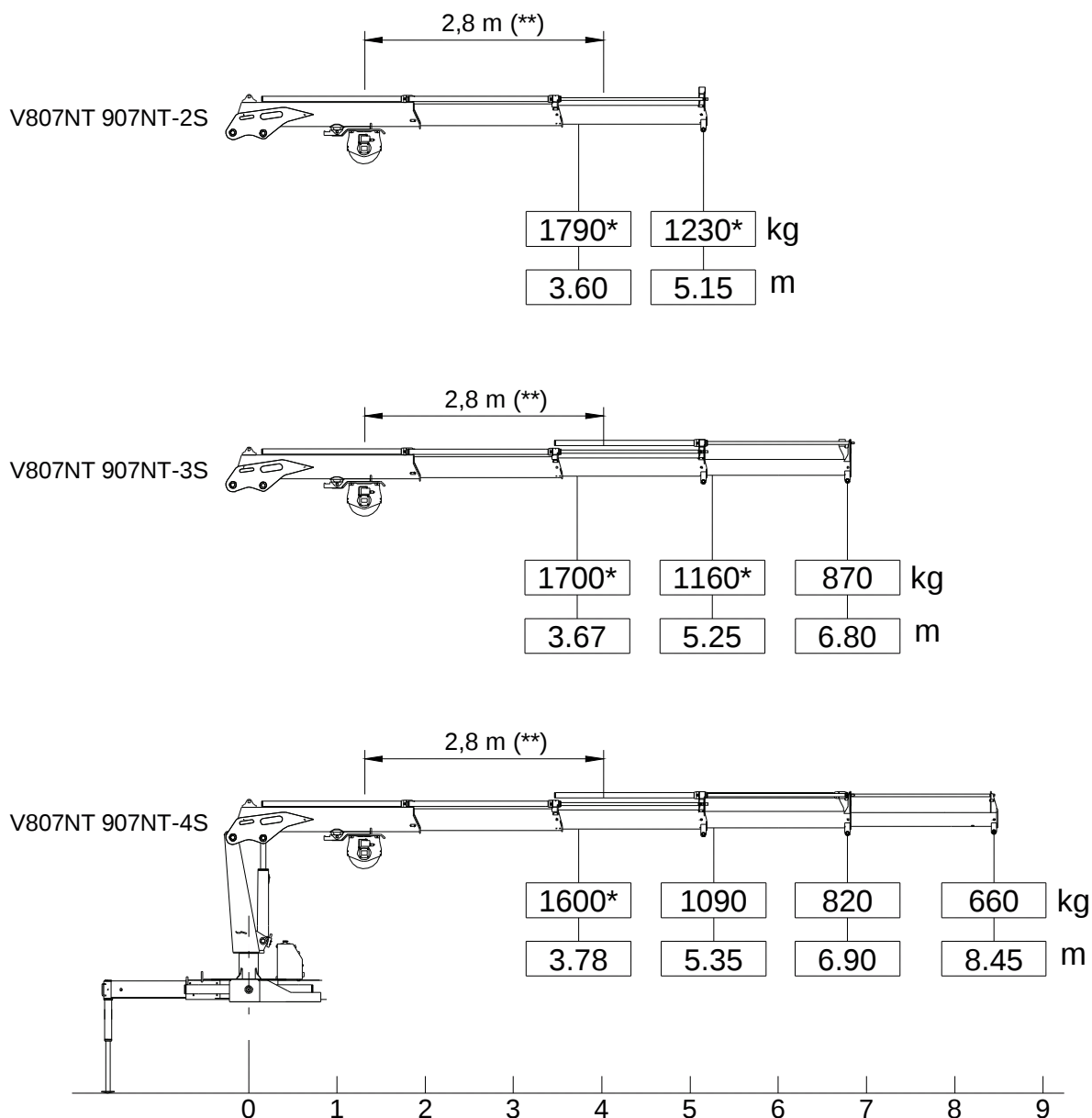
Min counterframe section (steel S355)



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	1100 kg
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(*) = Puleggia argano con tiro doppio

(*) = Winch pulley with double line pull

(*) = Rolle der Winde mit Doppelzug

CARATTERISTICHE ACCESSORI BENNA-POLIPO

GRAB - BUCKET DATA

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

