

604T

TECHNICAL SHEET



TECHNICAL DATA DATI TECNICI

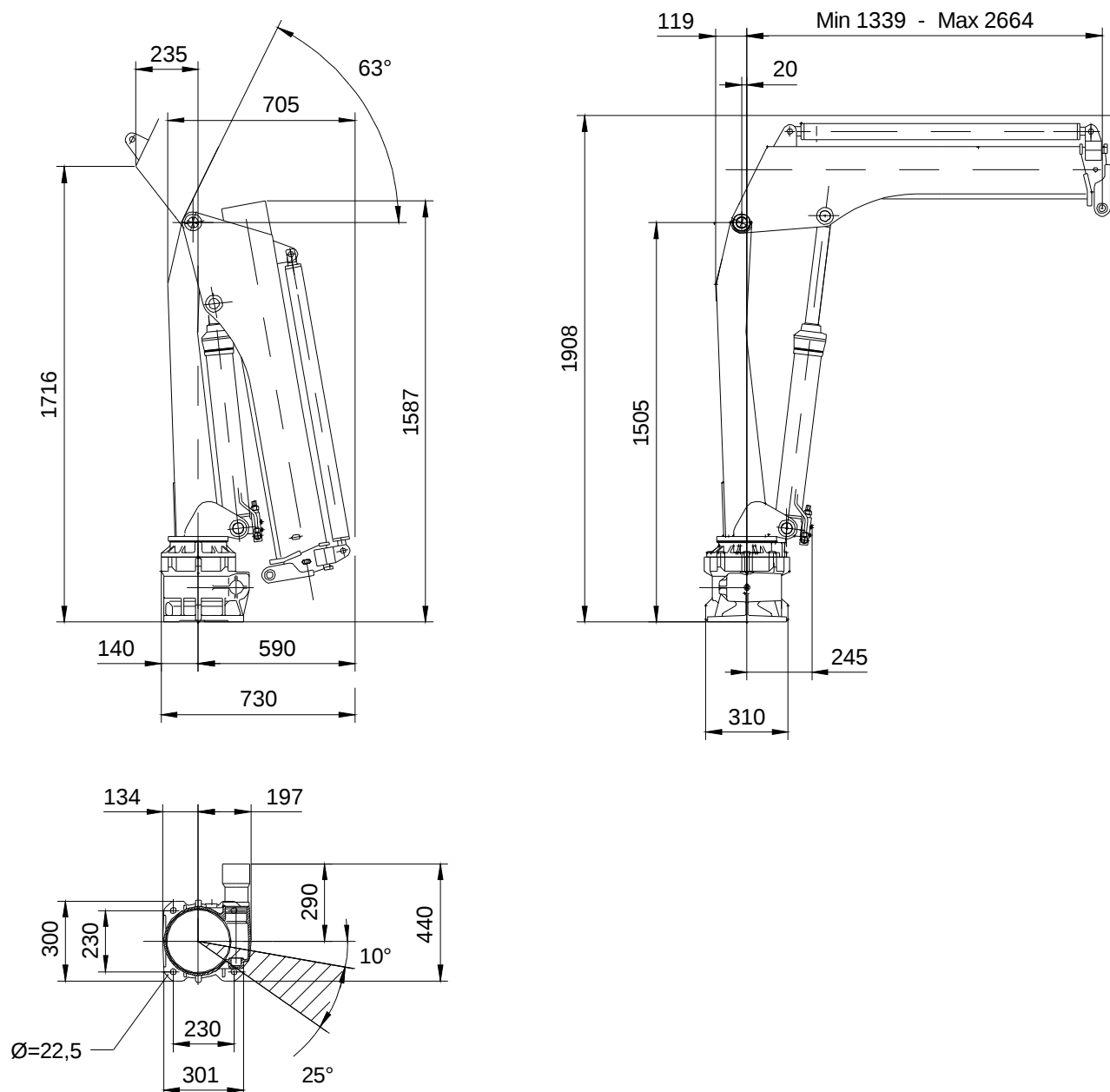
Max dynamic moment [daNm] Momento Massimo Dinamico	3287
---	------

	Version	Q _{max}
Max capacity [kg] Portata Massima [kg]	1S	2055
	2S	1935
	3S	1830

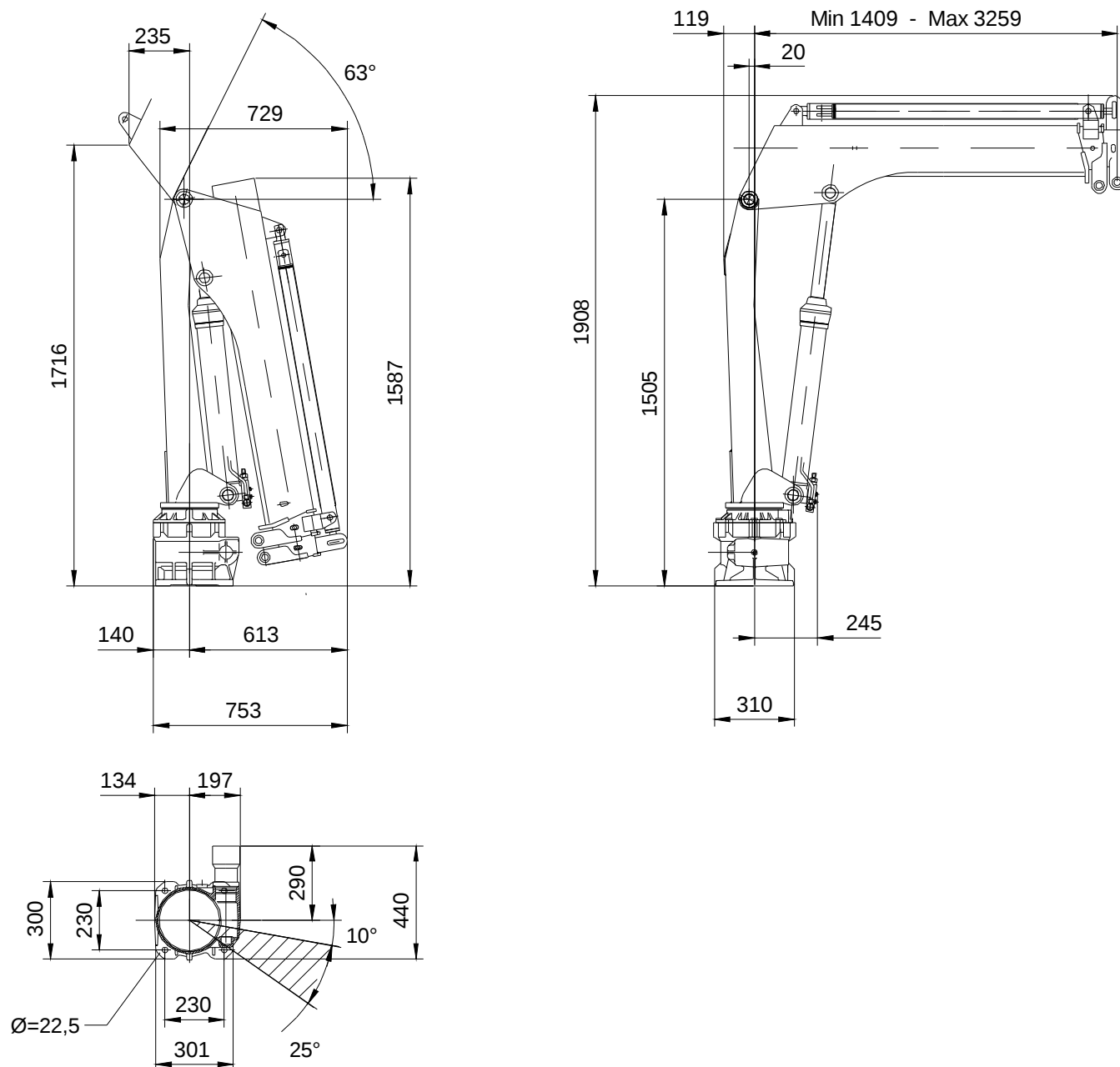
	Version	STD
Crane weight [kg] Peso della gru [kg]	1S	263
	2S	298
	3S	323

Max force on the standard stabilizer leg Massima reazione sul cilindro stabilizzatore	2834 daN
Max standard stabilizer pressure on the ground (D=110mm) Massima pressione appoggio sul terreno (D=110mm)	29.8 daN/cm ²
Max working pressure Massima pressione di lavoro	160 bar
Max oil flow to main relief valve Massima portata di olio al distributore	10 dm ³ /min
Oil tank capacity Capacità del serbatoio dell'Olio	17.5 dm ³
Slewing moment Coppia di Rotazione	450 daNm
Slewing angle Angolo di rotazione	335°
Absorbed power Potenza assorbita	2.7 kW 3.6 HP
Design standard Normative di progettazione	DIN 15018 EN 12999
PTO Hydraulic crane versions	
Distributor Pressure line = 3/8" P valve port - 9/16-18 Jic Fitting mounted	
Distributor Tank line = 3/8" T valve port - 3/4-16Jic Fitting mounted	
Tank Suction line = 3/4" Plug mounted	
Return Filter line = 3/8" filter port - 3/4-16 Jic Fitting mounted	
ETR crane versions	
Distributor Pressure line = 3/8" P valve port - 9/16-18 Jic Fitting mounted	
Distributor Tank line = 3/8" T valve port - 3/4-16Jic Fitting mounted	
Power Pack Pressure line = 1/4" P port - 9/16-18 Jic Fitting mounted	
Power Pack Tank line = 1/4" T port - 9/16-18 Jic Fitting mounted	

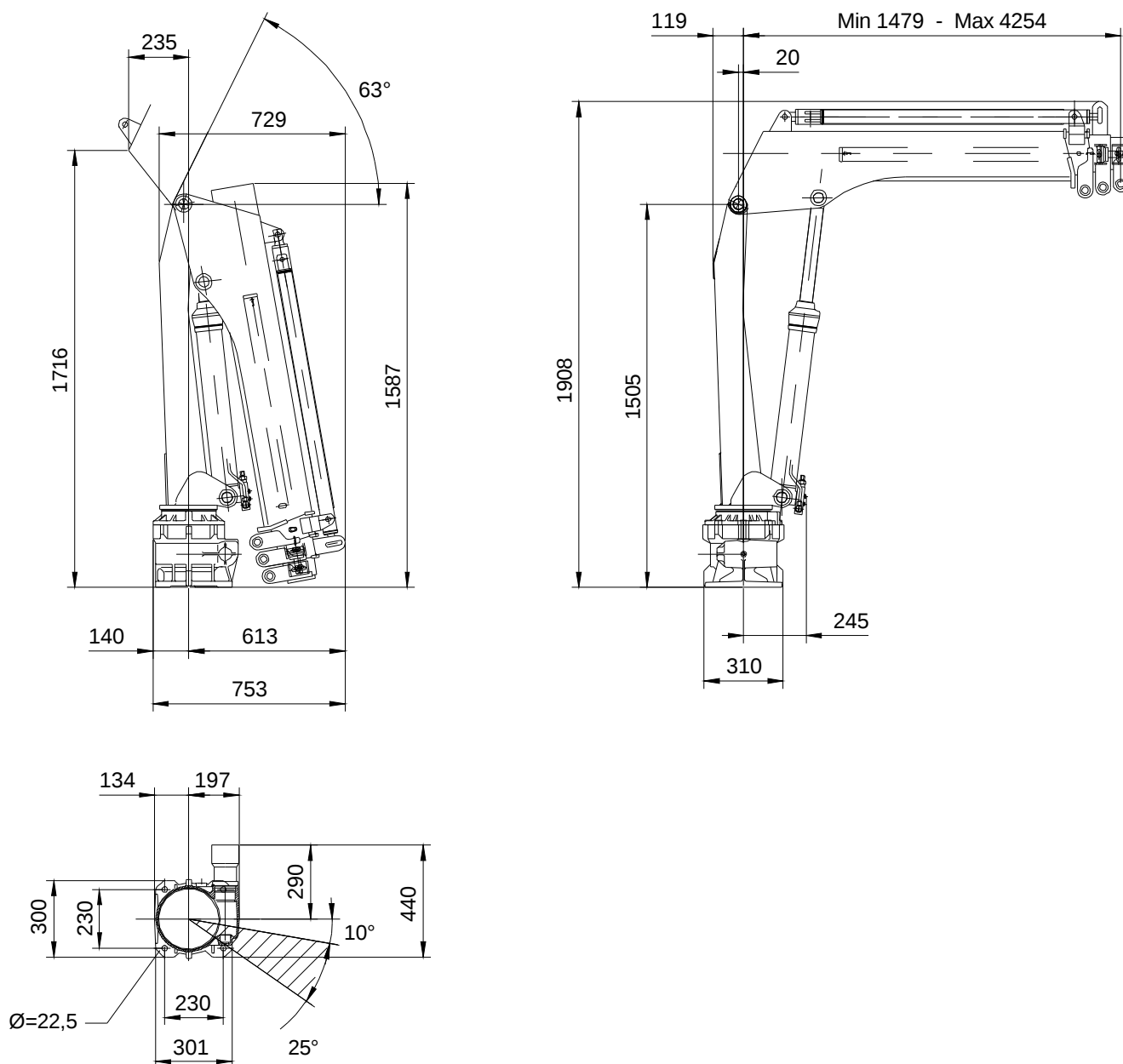
OVERALL DIMENSIONS – DIMENSIONI GENERALI 1S



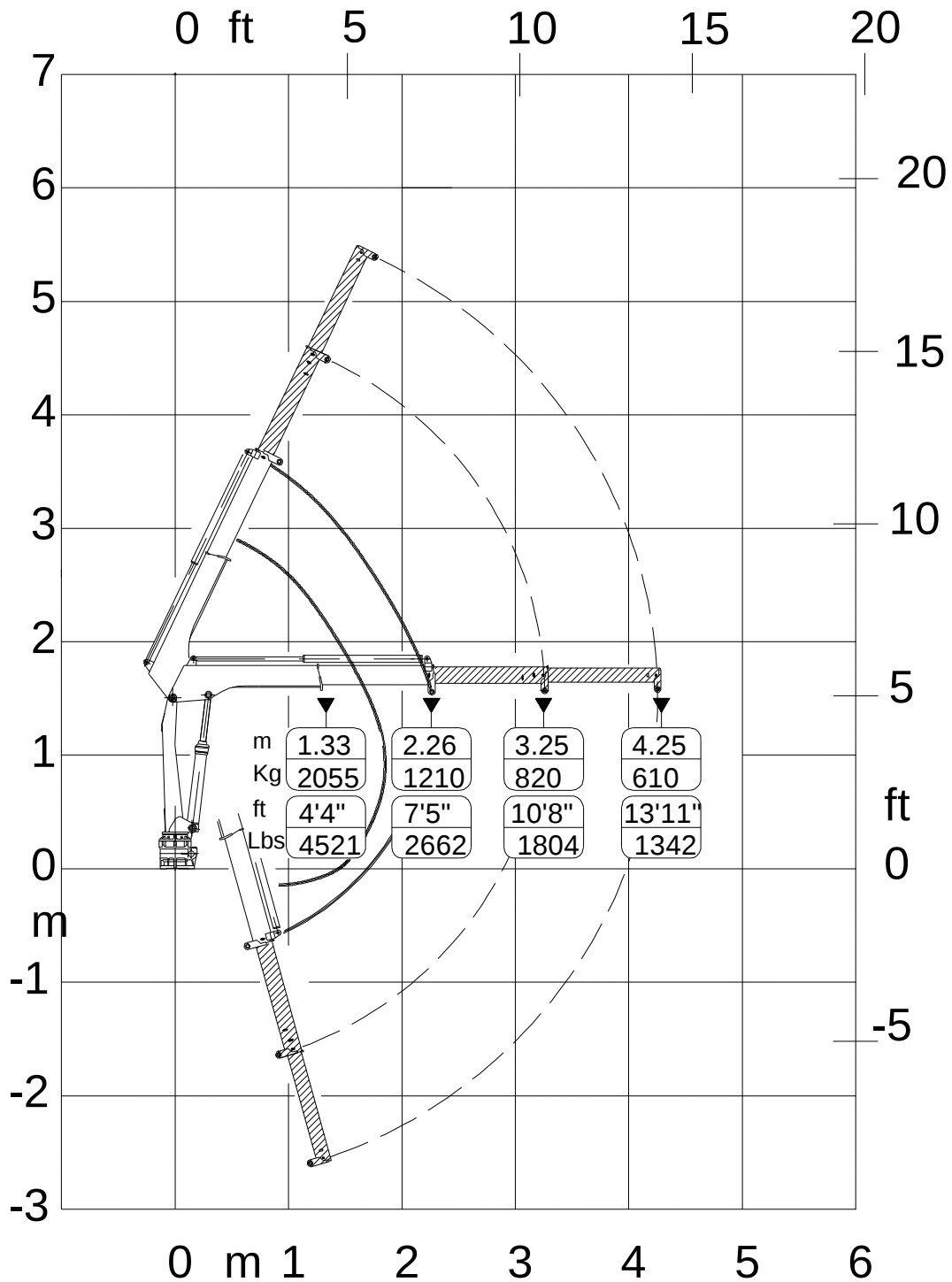
OVERALL DIMENSIONS-DIMENSIONI GENERALI 2S



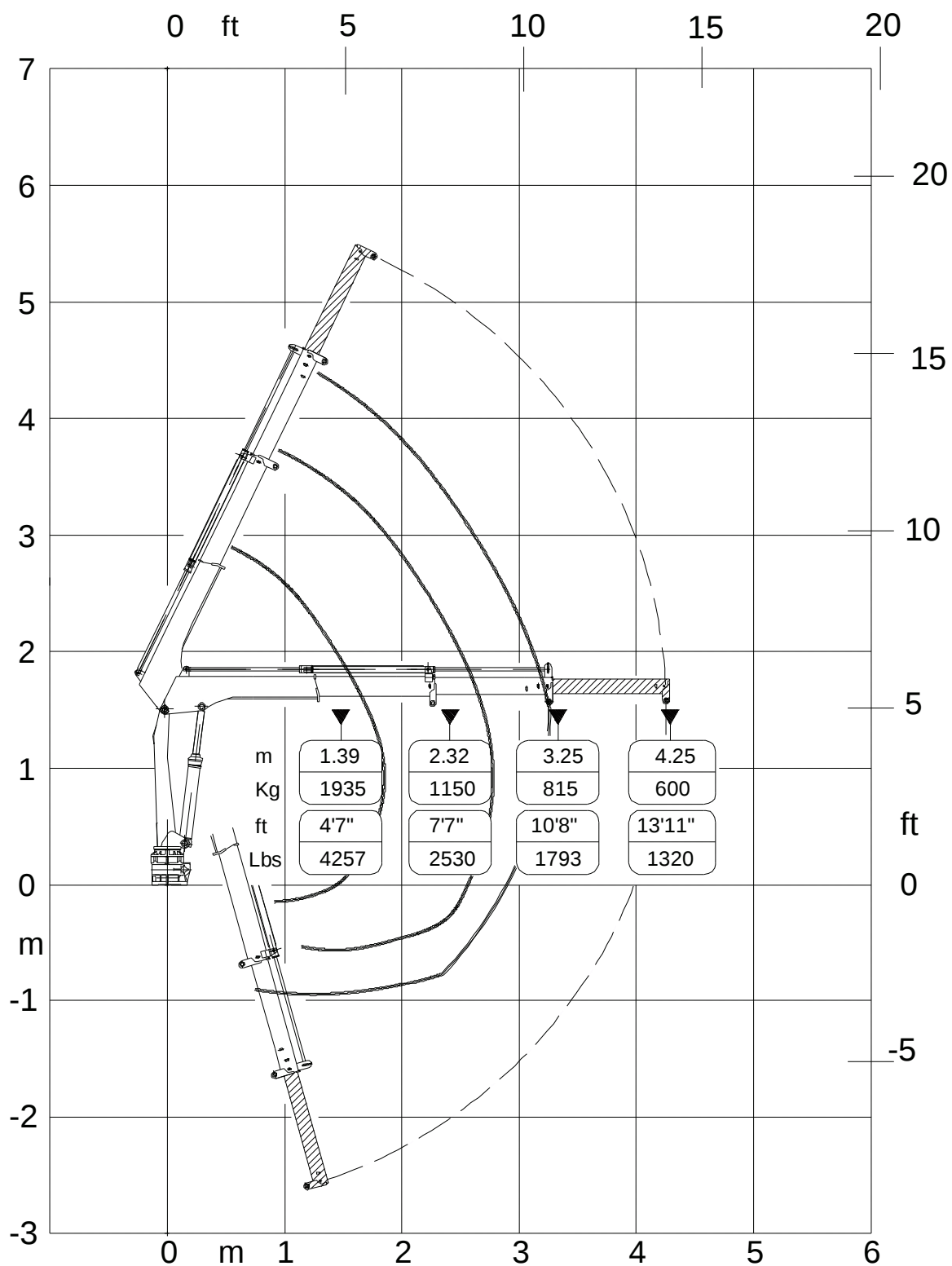
OVERALL DIMENSIONS-DIMENSIONI GENERALI 3S



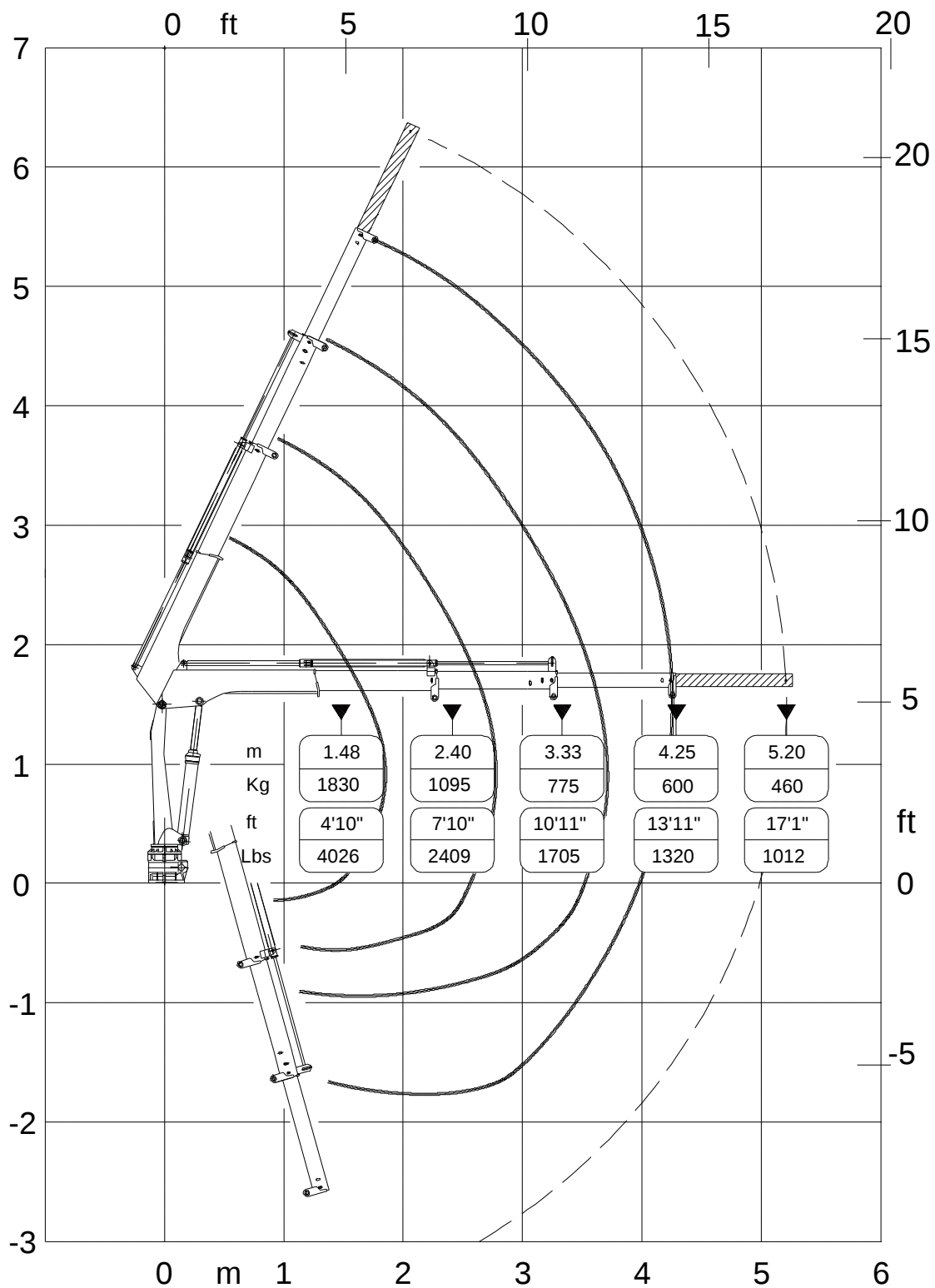
LOAD DIAGRAM-DIAGRAMMI PORTATE 1S



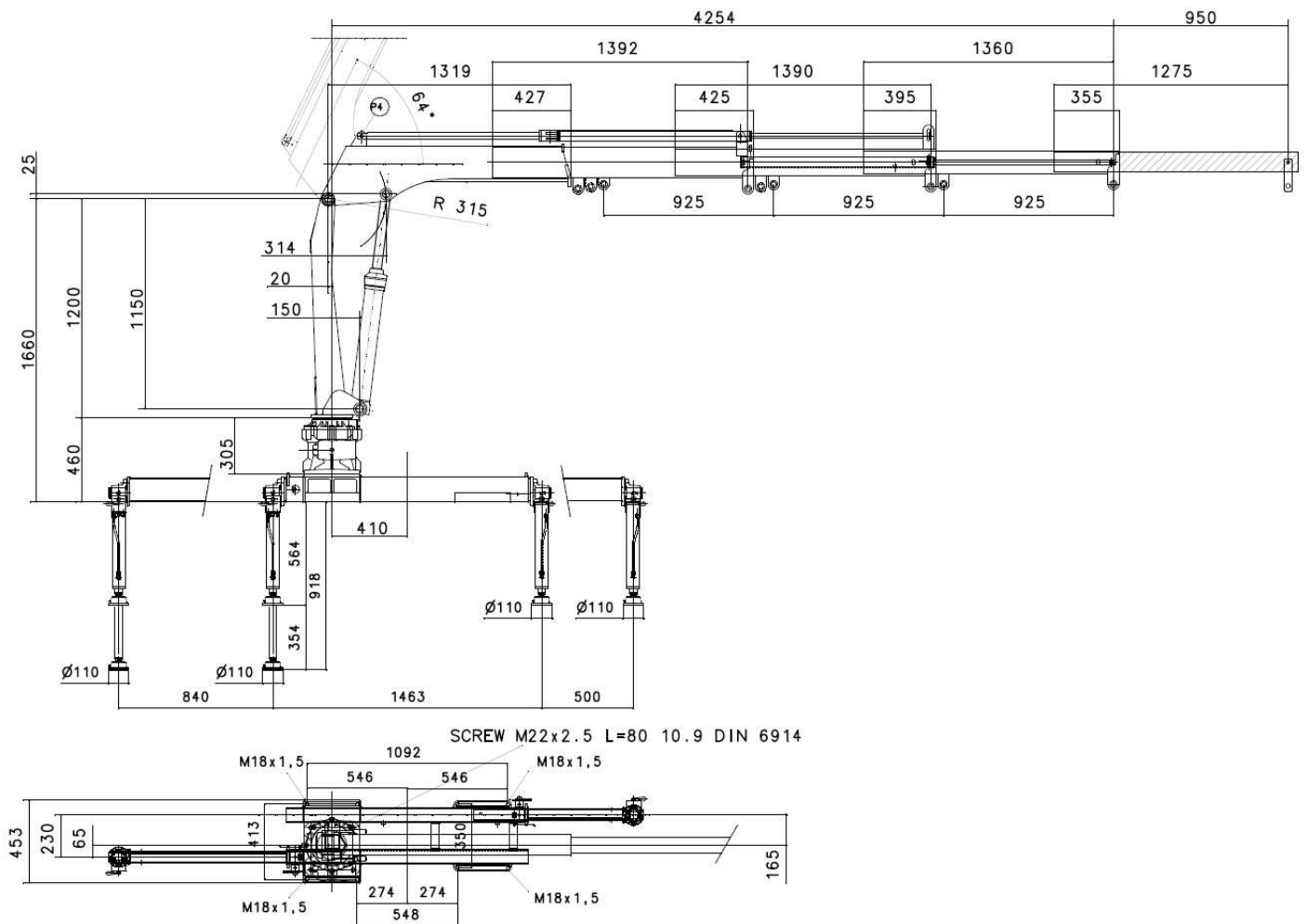
LOAD DIAGRAM-DIAGRAMMI PORTATE 2S



LOAD DIAGRAM-DIAGRAMMI PORTATE 3S



BASE – COLUMN – BOOM DIMENSIONS DIMENSIONI BRACCI-BASE E COLONNA



CYLINDERS AND PINS DIMENSIONS DIMENSIONI CILINDRI E PERNI

LIFTING CYLINDER

Alesaggio <i>Cylinder bore</i>	90
Diametro esterno <i>Cyl. ext. diameter</i>	100
Diametro stelo <i>Rod diameter</i>	50
Interasse aperto <i>Centers (open)</i>	1445
Interasse chiuso <i>Centers (closed)</i>	850
Corsa <i>Stroke</i>	595
Artic. pin $\varnothing$	40
Pin material	C40 NORM

CILINDRO 1°SFILO

1ST EXTENSION CYLINDER

Alesaggio <i>Cylinder bore</i>	50
Diametro esterno <i>Cyl. ext. diameter</i>	60
Diametro stelo <i>Rod diameter</i>	35
Interasse aperto <i>Centers (open)</i>	2060
Interasse chiuso <i>Centers (closed)</i>	1135
Corsa <i>Stroke</i>	925
Artic. pin $\varnothing$	20
Pin material	C40 NORM

CILINDRO 2°SFILO

2ND EXTENSION CYLINDER

Alesaggio <i>Cylinder bore</i>	45
Diametro esterno <i>Cyl. ext. diameter</i>	55
Diametro stelo <i>Rod diameter</i>	25
Interasse aperto <i>Centers (open)</i>	2060
Interasse chiuso <i>Centers (closed)</i>	1135
Corsa <i>Stroke</i>	925
$\varnothing$ perni articolazione <i>Artic. pin $\varnothing$</i>	15
Materiale perno <i>Pin material</i>	39NiCrMo3 QT

CILINDRO 3°SFILO

3RD EXTENSION CYLINDER

Alesaggio <i>Cylinder bore</i>	45
Diametro esterno <i>Cyl. ext. diameter</i>	55
Diametro stelo <i>Rod diameter</i>	25
Interasse aperto <i>Centers (open)</i>	996.5
Interasse chiuso <i>Centers (closed)</i>	71.5
Corsa <i>Stroke</i>	925
$\varnothing$ perni articolazione <i>Artic. pin $\varnothing$</i>	15
Materiale perno <i>Pin material</i>	39NiCrMo3 QT

CILINDRO STABILIZZATORE GIREVOLE

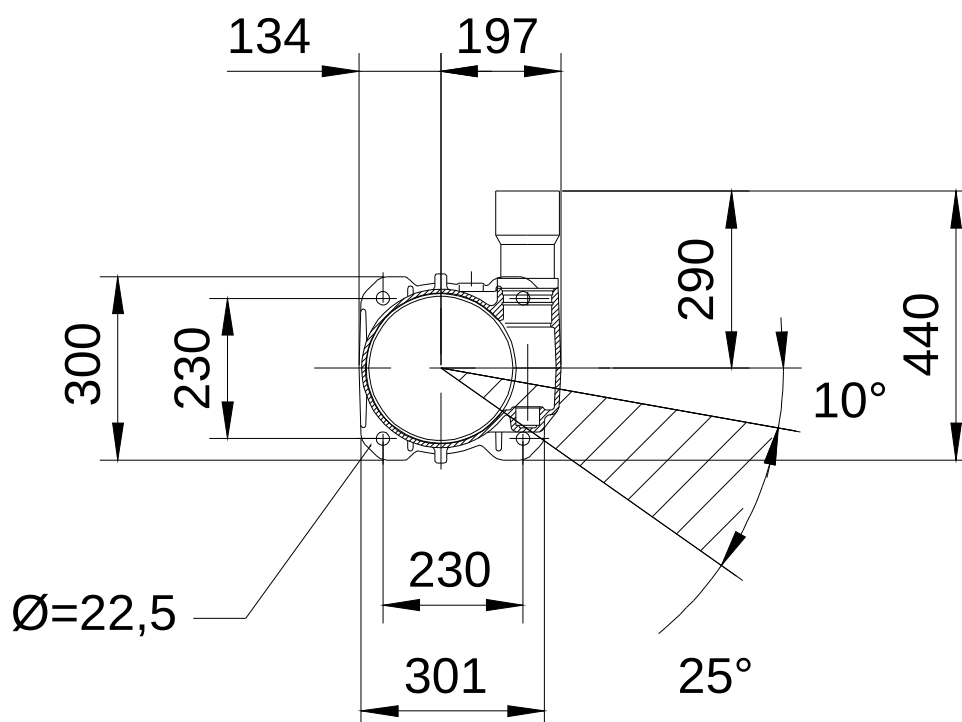
TILTING STABILIZER CYLINDER

Alesaggio - <i>Cylinder bore</i>	60
Diametro esterno - <i>Cyl. ext. diameter</i>	70
Diametro stelo - <i>Rod diameter</i>	40
Interasse aperto - <i>Pitch (open)</i>	968
Interasse chiuso - <i>Pitch (closed)</i>	614
Corsa - <i>Stroke</i>	354
$\varnothing$ perni articolazione - <i>Artic. pin $\varnothing$</i>	60
Materiale perno/i - <i>Pin steel</i>	C45 NORM

CILINDRO STABILIZZATORE FISSO

FIXED STABILIZER CYLINDER

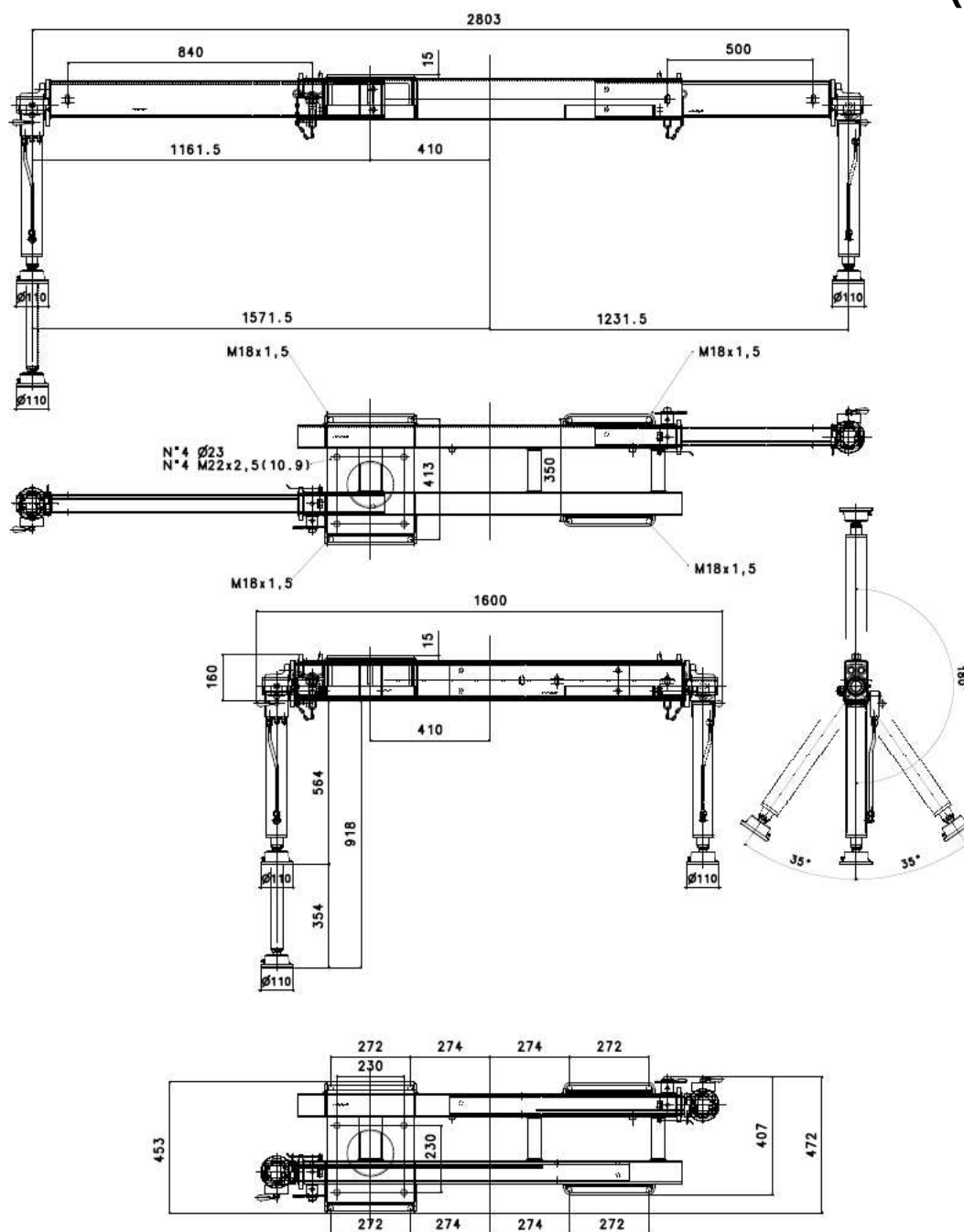
Alesaggio - <i>Cylinder bore</i>	60
Diametro esterno - <i>Cyl. ext. diameter</i>	70
Diametro stelo - <i>Rod diameter</i>	40-
Interasse aperto - <i>Pitch (open)</i>	919
Interasse chiuso - <i>Pitch (closed)</i>	569
Corsa - <i>Stroke</i>	350
Materiale perno/i - <i>Pin steel</i>	C45 NORM

**BASE DIMENSIONS-
DIMENSIONI BASAMENTO -****Fixing bolts**
Viti FissaggioN°4 M22x2.5 L=80
10.9 DIN 6914**Tightening torque**
Coppia Serraggio

240 Nm

OPTIONAL STABILIZER DIMENSIONS (A+E+E) DIMENSIONI ASTE OPTIONAL (A+E+E)

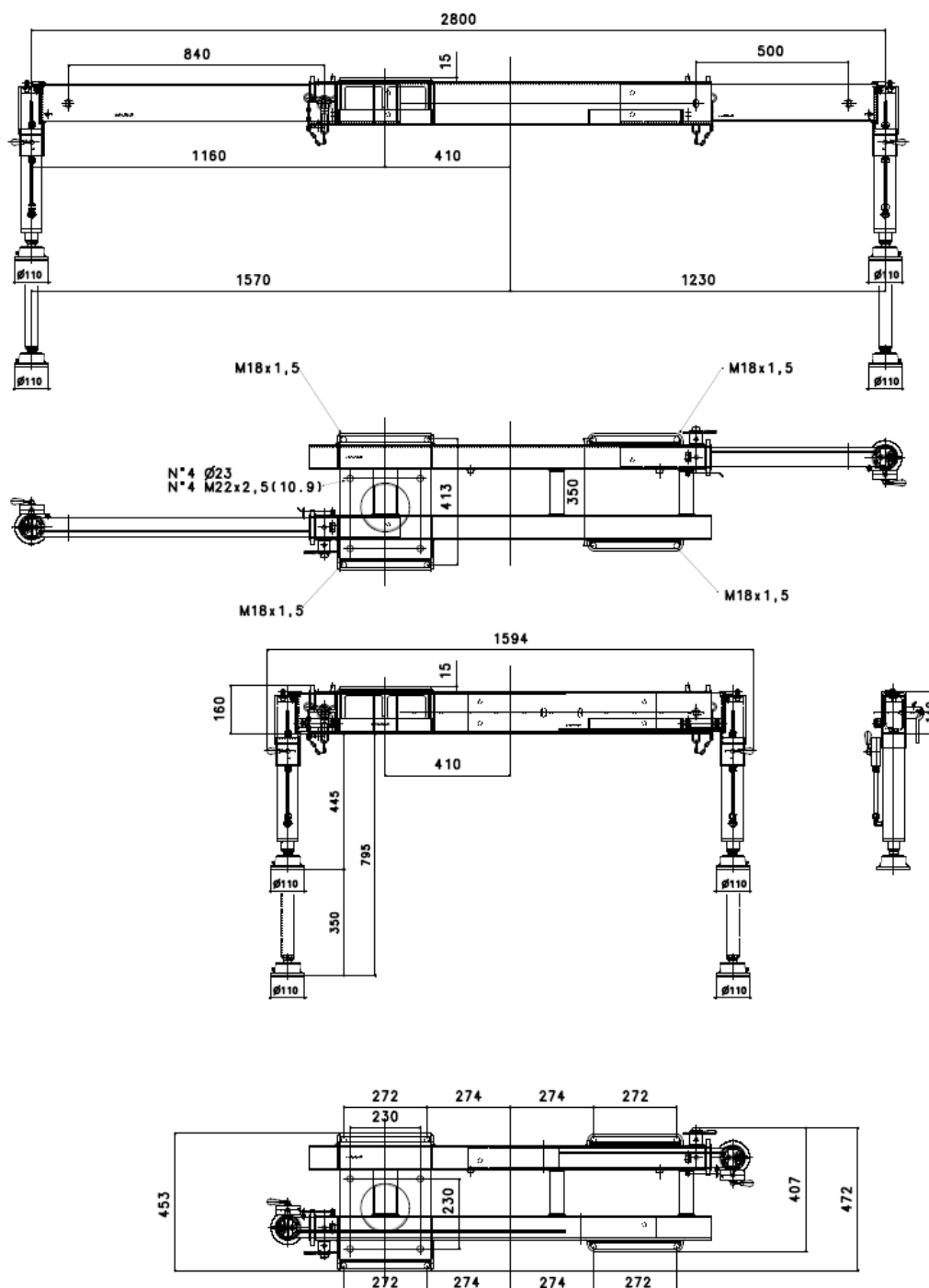
(139 Kg)



Fixing tie rods Tiranti Fissaggio	N°8 M18x1.5 L=650 10.9	Tightening torque Coppia Serraggio	150 Nm
Max force on the stabilizer leg Reazione massima sullo stabilizzatore	2830 daN		
Max stabilizer pressure on the Ground (D=110) Pressione massima trasmessa al suolo dagli stabilizzatori	29,8 daN/cm ²		

OPTIONAL EXTRA STABILIZER DIMENSIONS (A+D+D)
DIMENSIONI ASTE EXTRA OPTIONAL (A+D+D)

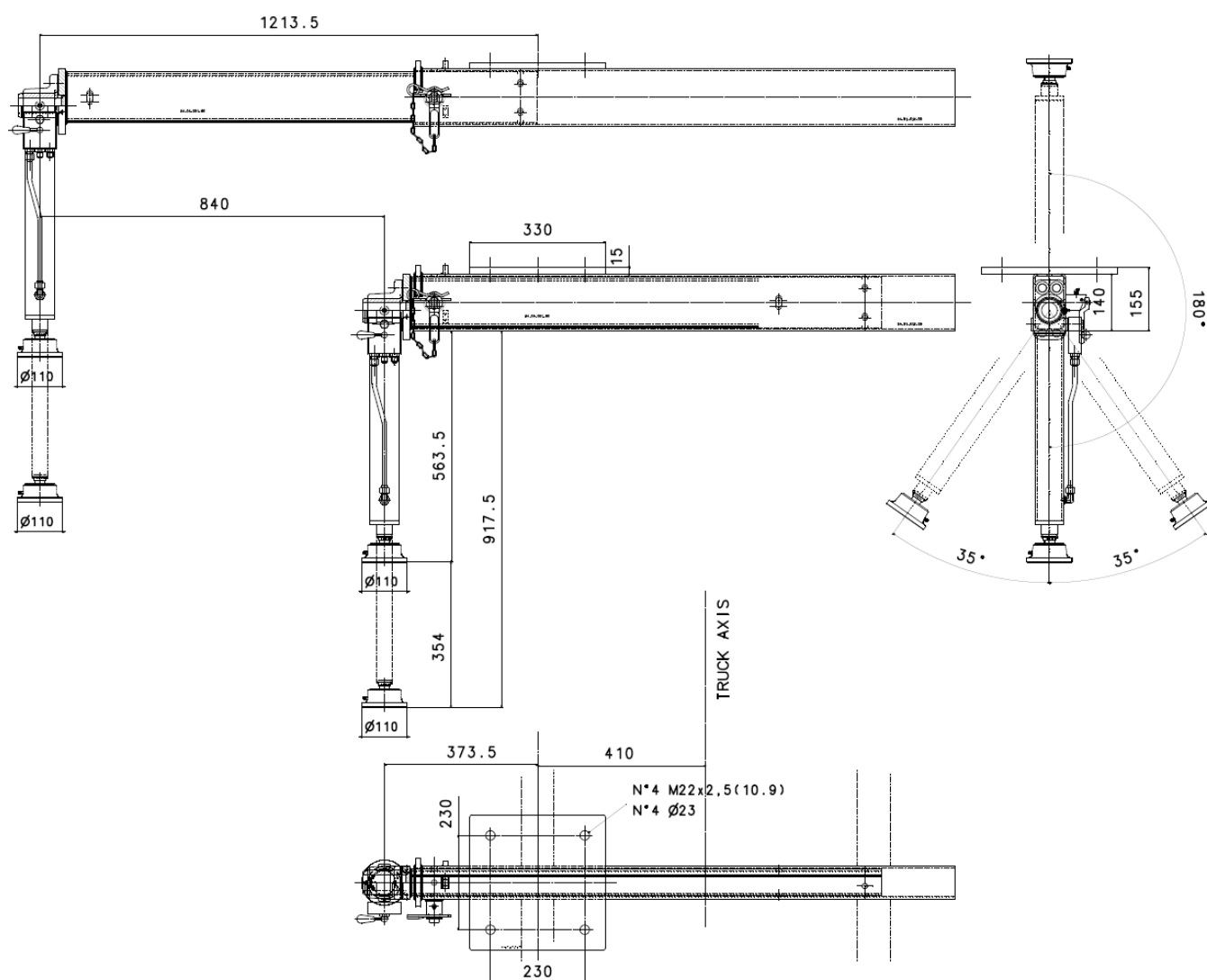
(131 Kg)



Fixing tie rods Tiranti Fissaggio	N°8 M18x1.5 L=650 10.9	Tightening torque Coppia Serraggio	150 Nm
Max force on the stabilizer Reazione massima sullo stabilizzatore		2834 daN	
Max stabilizer pressure on the Ground (D=110) Pressione massima trasmessa al suolo dagli stabilizzatori		29,8 daN/cm ²	

OPTIONAL EXTRA STABILIZER DIMENSIONS (B+E) DIMENSIONI ASTE EXTRA OPTIONAL (B+E)

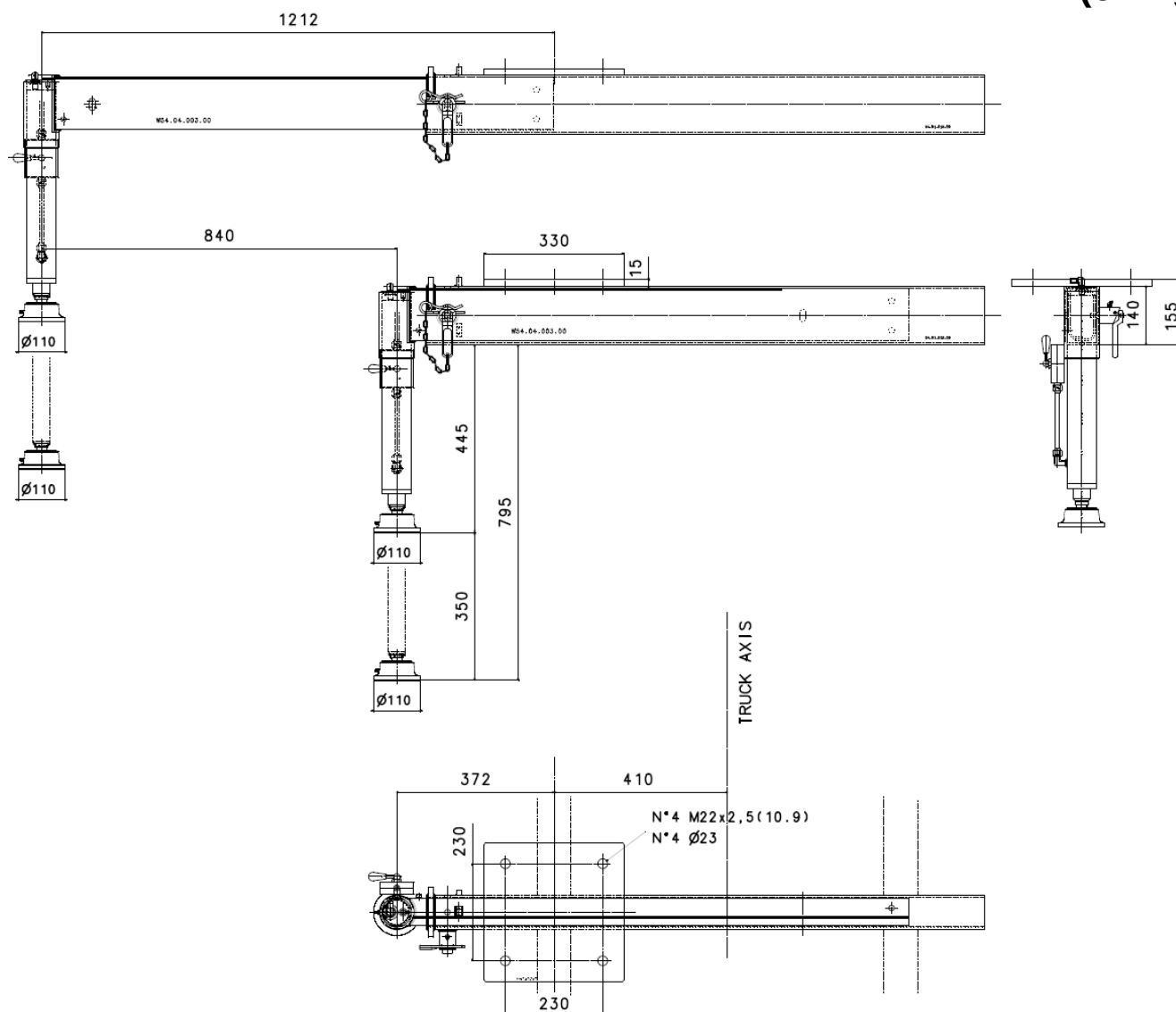
(70 Kg)



Max force on the stabilizer Reazione massima sullo stabilizzatore	2709 daN
Max stabilizer pressure on the Ground (D=110) Pressione massima trasmessa al suolo dagli stabilizzatori	28,5 daN/cm ²

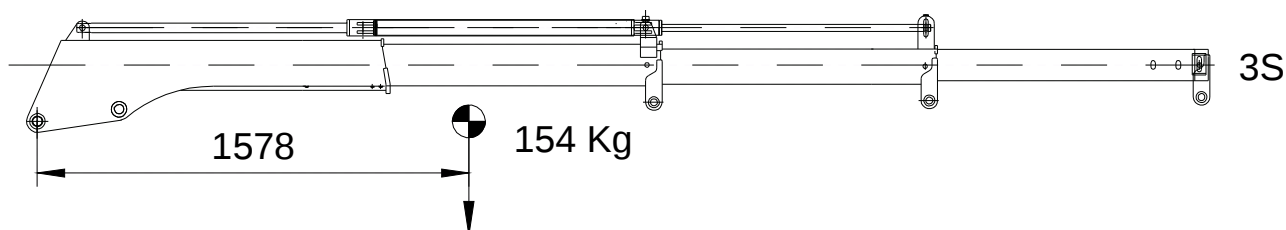
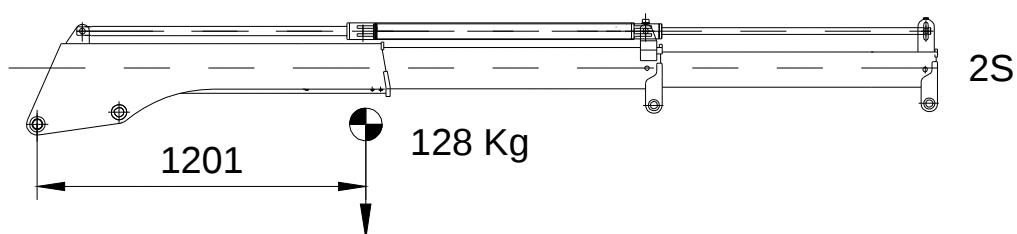
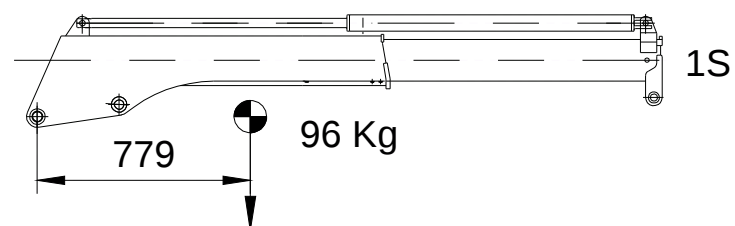
OPTIONAL EXTRA STABILIZER DIMENSIONS (B+D)
DIMENSIONI ASTE EXTRA OPTIONAL (B+D)

(67 Kg)



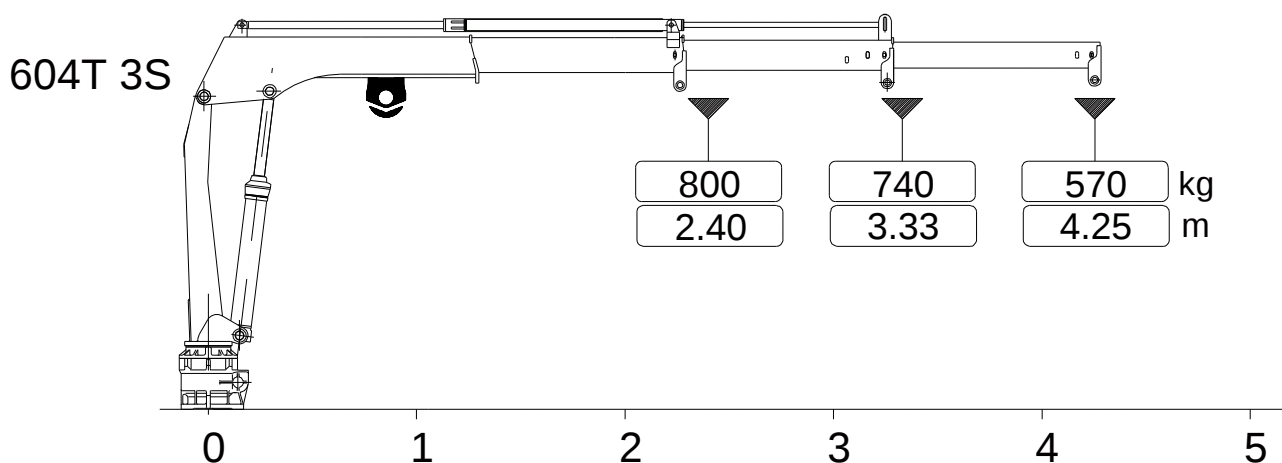
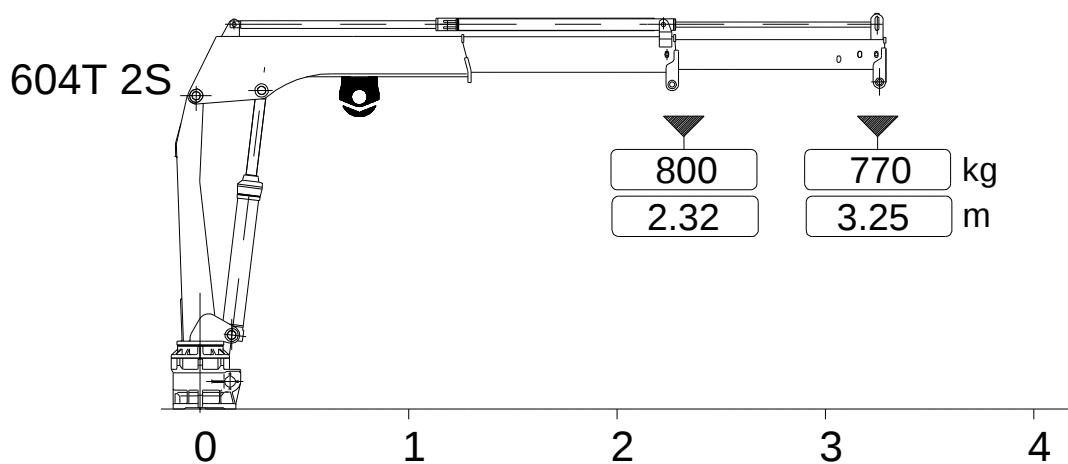
Max force on the stabilizer Reazione massima sullo stabilizzatore	2712 daN
Max stabilizer pressure on the Ground (D=110) Pressione massima trasmessa al suolo dagli stabilizzatori	28,5 daN/cm ²

WEIGHTS – CENTERS OF GRAVITY PESI – CENTRI DI GRAVITA'



	NO STAB.	BPS	BST
Fixed parts weight [kg] Peso delle parti fisse	167	237	306

HYDRAULIC WINCH DATA CARATTERISTICHE VERRICELLO IDRAULICO



GRU CRANE - 2S - 3S

Max winch direct pull [kg]	800
Massimo tiro diretto dell'organo [kg]	

CARATTERISTICHE ACCESSORI BENNA-POLIPO GRAB - BUCKET DATA

Peso massimo ammissibile Max allowable weight	70 kg
Pressione max. di esercizio Max working pressure	130 bar

