



TRUCK MOUNTED CRANE

HA10



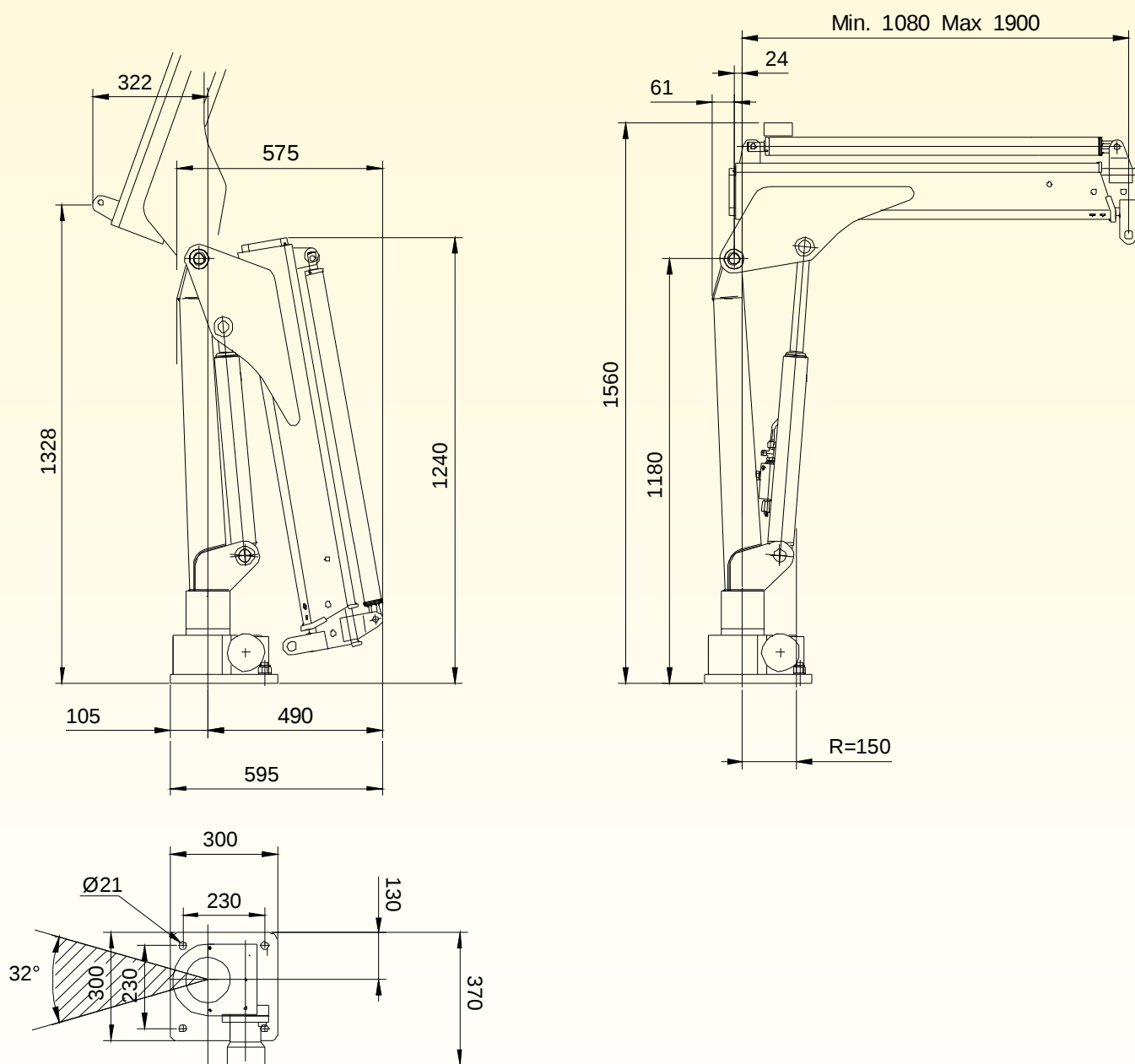
www.hyvacrane.com
www.hyva.com

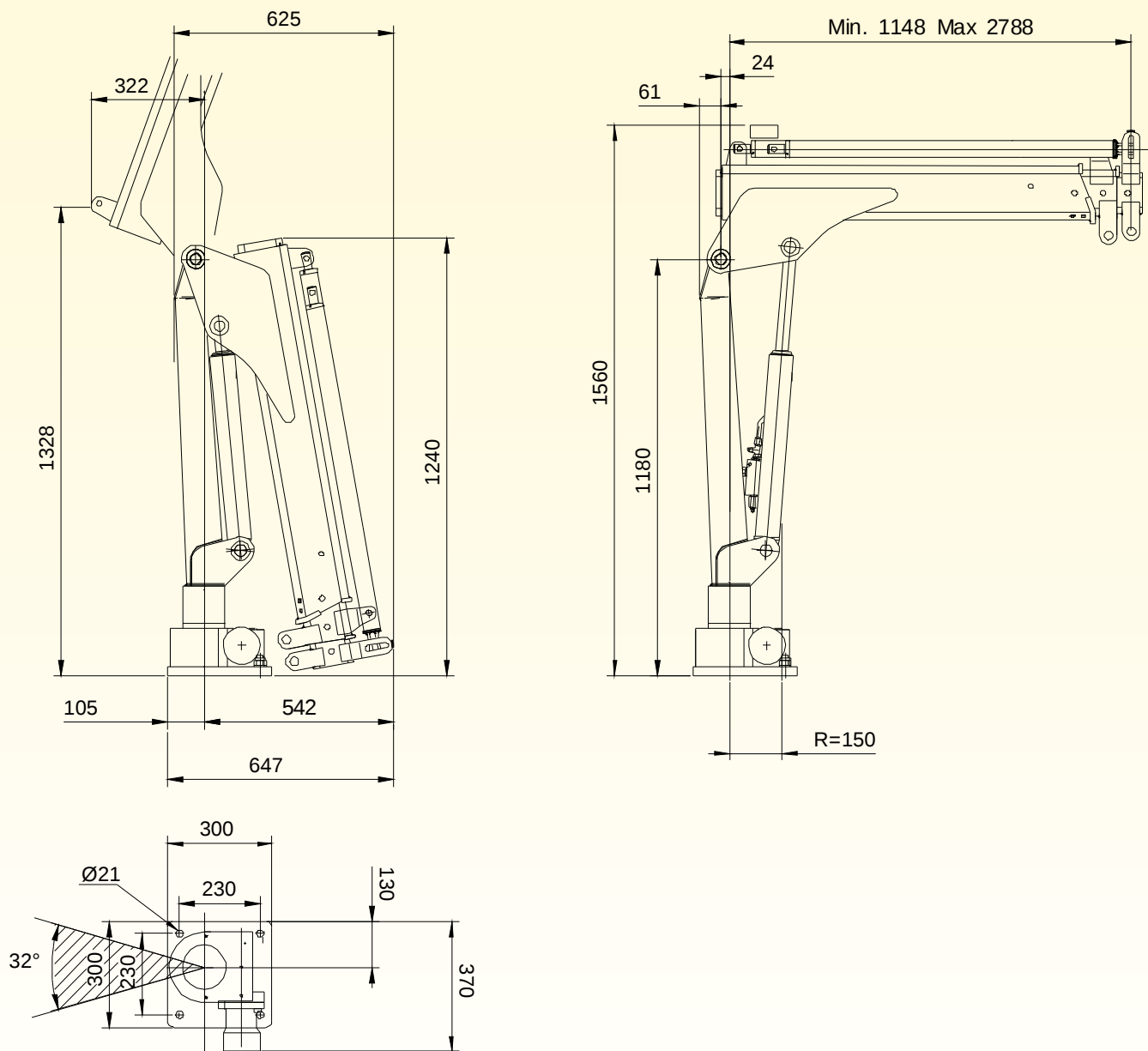
Max dynamic moment [daNm]	1115
---------------------------	------

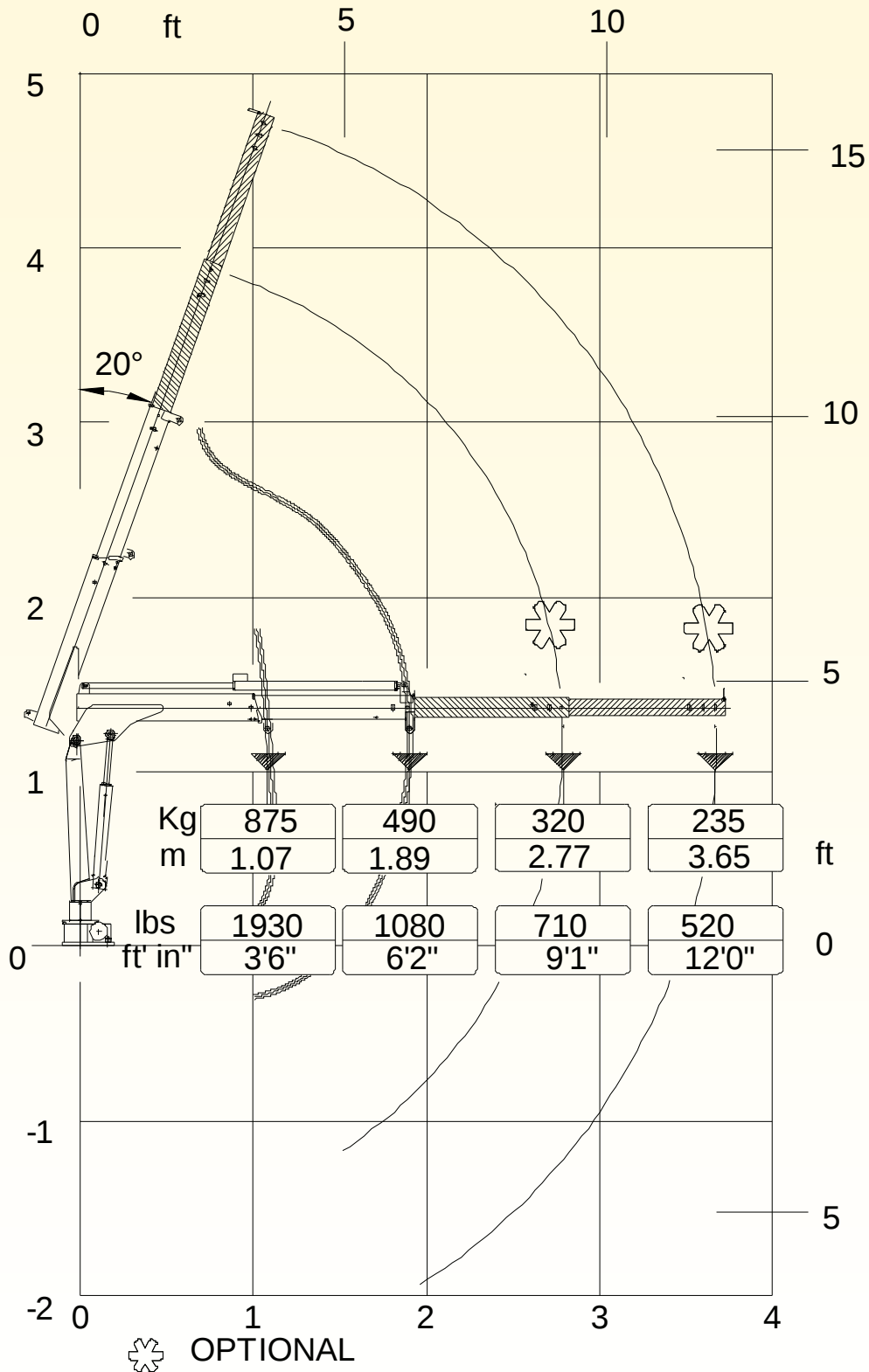
	Version	Q _{max}
Max capacity [kg]	E1	875
	E2	810

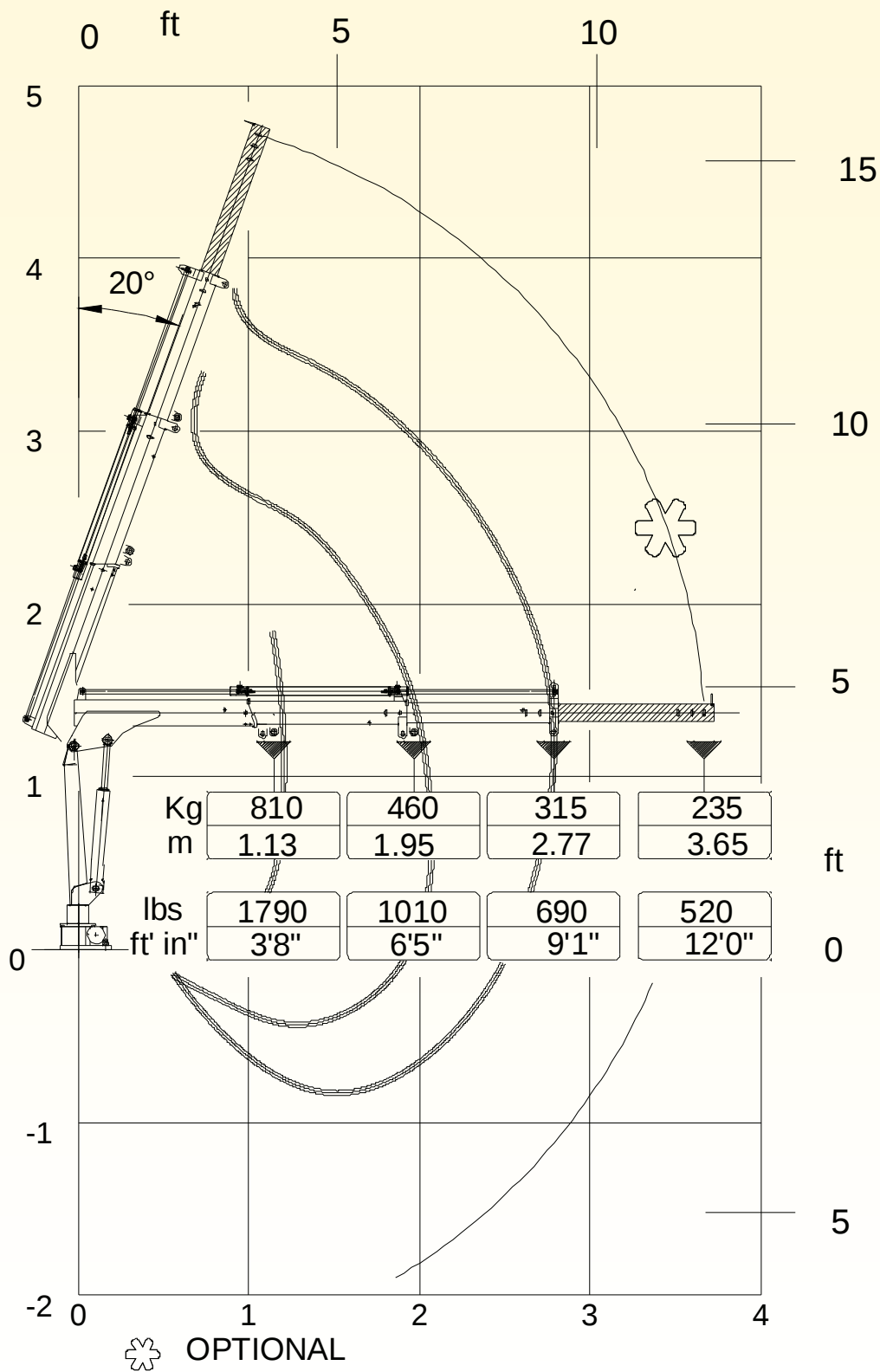
	Version	STD
Crane weight [kg]	E1	145
	E2	175

Max force on the standard stabilizer leg	888 DaN 1314 DaN
Max standard stabilizer pressure on the ground (D=110) Max standard stabilizer pressure on the ground (D=150)	9.3 daN/cm ² 7.4 daN/cm ²
Max working pressure	180 bar
Max oil flow to main relief valve	5 dm ³ /min
Oil tank capacity	17.5 dm ³
Slewing moment	170 daNm
Slewing angle	328°
Absorbed power	1.5 kW 2 HP
Design standard	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	



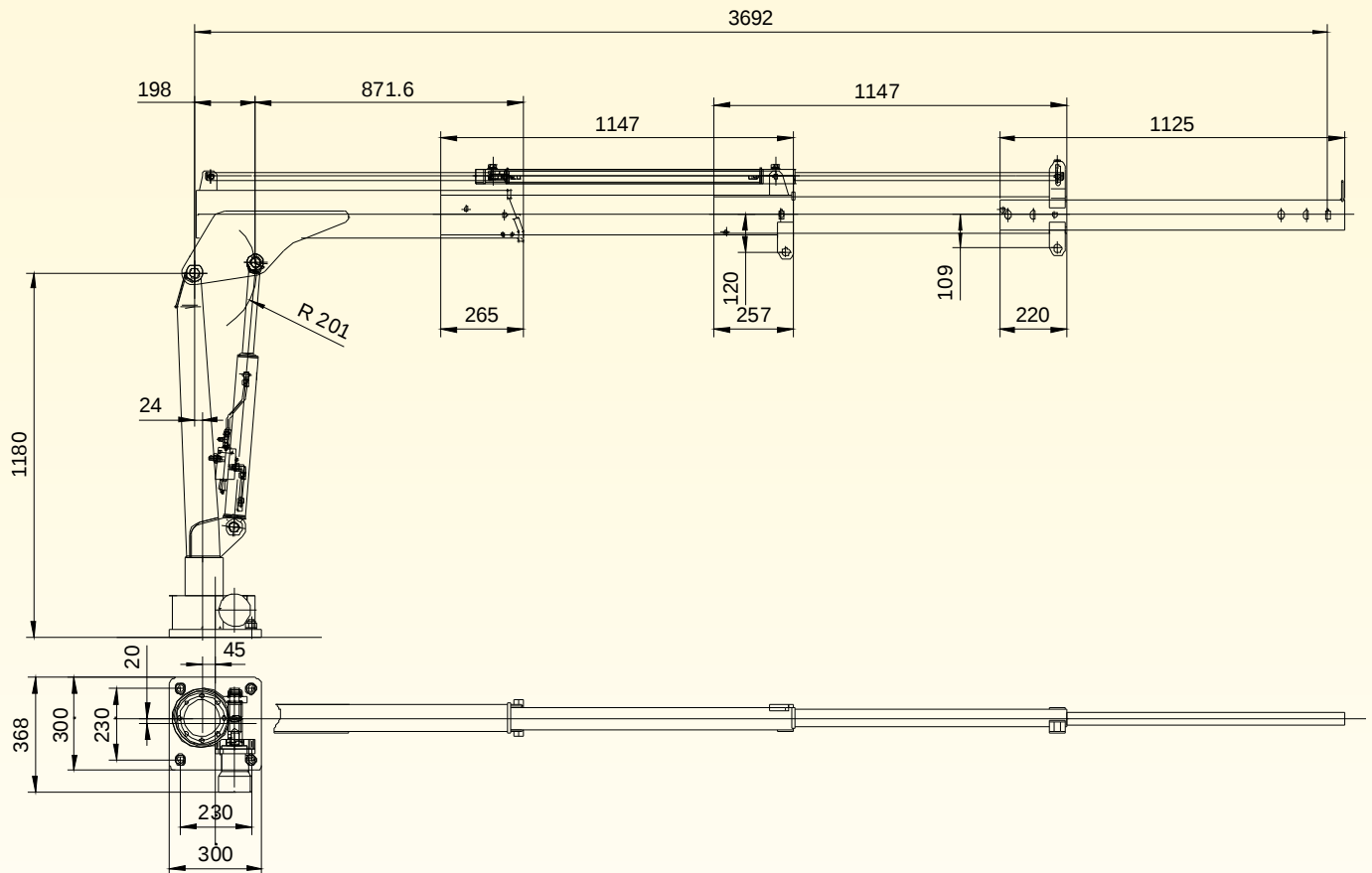






HA10 TECHNICAL SHEET

COLUMN - BOOM - DIMENSIONS



LIFTING CYLINDER

<i>Cylinder bore</i>	65
<i>Cyl. ext. diameter</i>	75
<i>Rod diameter</i>	35
<i>Centers (open)</i>	1028
<i>Centers (closed)</i>	640
<i>Stroke</i>	388
<i>Artic. pin Ø</i>	30
<i>Pin material</i>	C40 NORM

1ST - 2ND EXTENSION CYLINDER

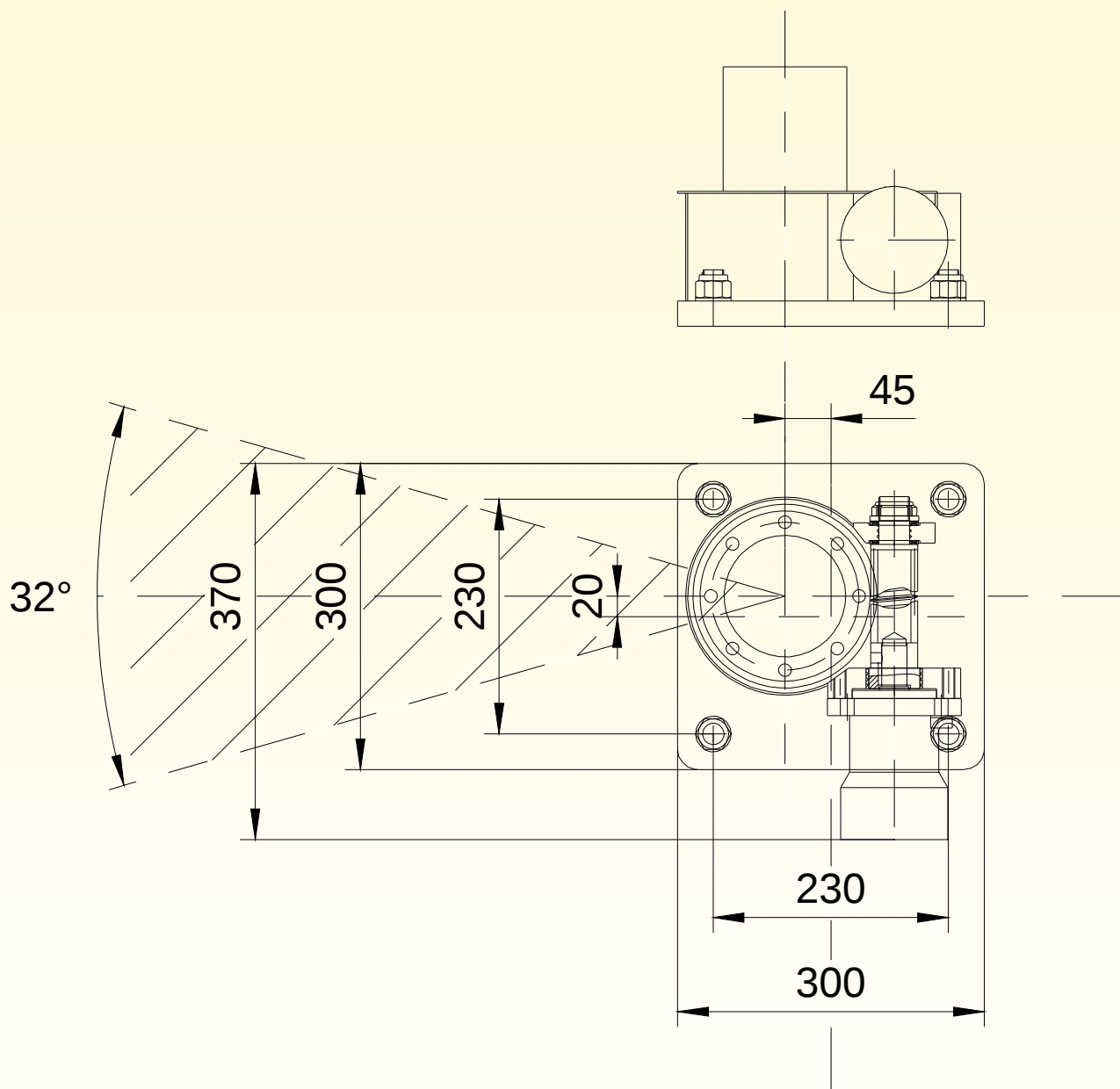
<i>Cylinder bore</i>	40
<i>Cyl. ext. diameter</i>	50
<i>Rod diameter</i>	25
<i>Centers (open)</i>	1840
<i>Centers (closed)</i>	1020
<i>Stroke</i>	820
<i>Artic. pin Ø</i>	15
<i>Pin material</i>	39NiCrMo3 QT

CILINDRO STABILIZZATORE GIREVOLE TILTING STABILIZER CYLINDER

<i>Cylinder bore</i>	50
<i>Cyl. ext. diameter</i>	60
<i>Rod diameter</i>	30-
<i>Pitch (open)</i>	861
<i>Pitch (closed)</i>	562
<i>Stroke</i>	299
<i>Artic. pin Ø</i>	45
<i>Pin steel</i>	C40 NORM

CILINDRO STABILIZZATORE FISSO FIXED STABILIZER CYLINDER

<i>Cylinder bore</i>	50
<i>Cyl. ext. diameter</i>	60
<i>Rod diameter</i>	30-
<i>Pitch (open)</i>	894
<i>Pitch (closed)</i>	566
<i>Stroke</i>	328
<i>Pin steel</i>	C40 NORM

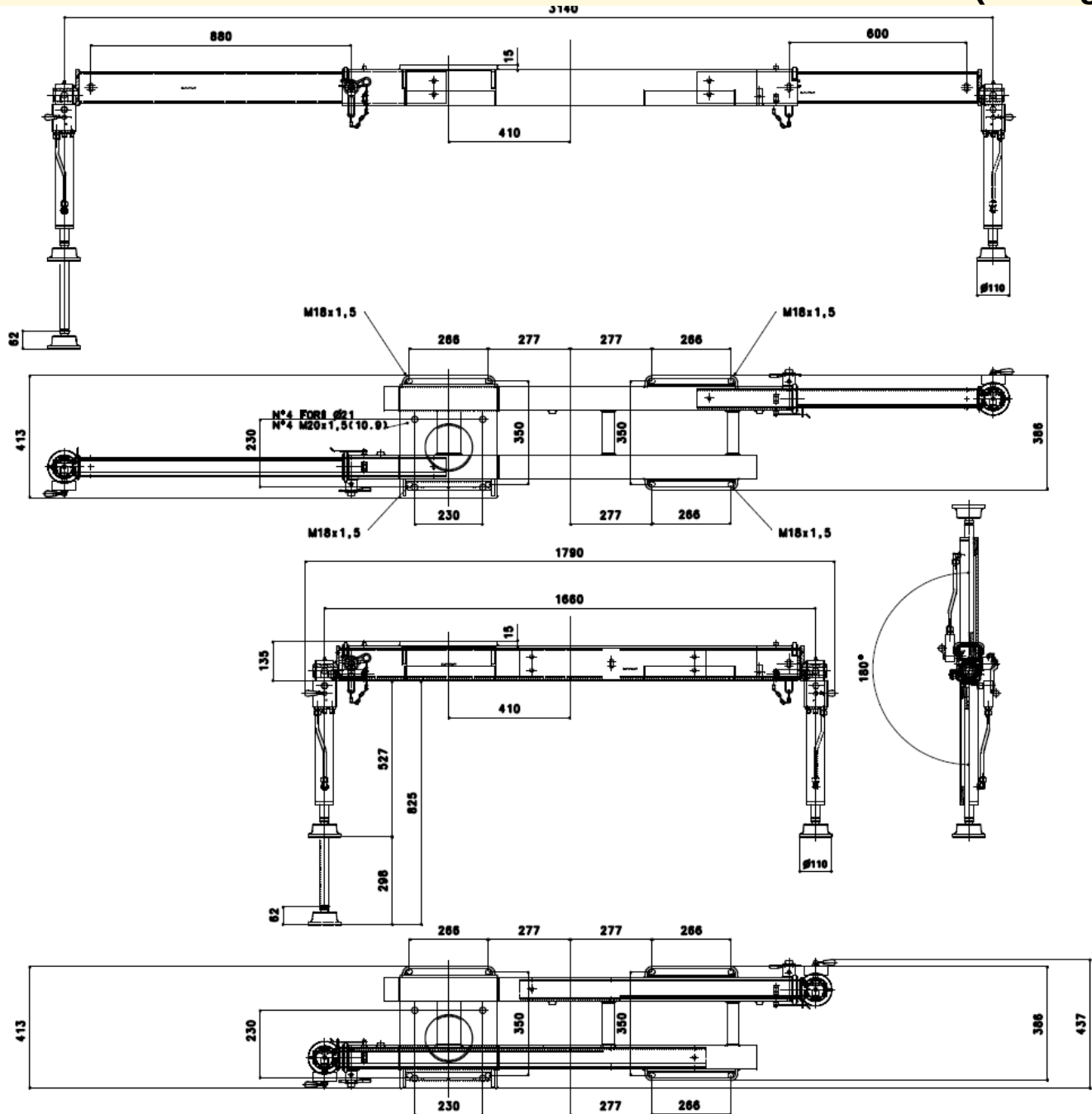


Fixing bolts	N°4 M20x1.5 L=70 10.9 UNI 5931	Tightening torque	240 Nm
--------------	-----------------------------------	-------------------	--------

HA10 TECHNICAL SHEET

OPTIONAL STABILIZER DIMENSIONS(A+E+E)

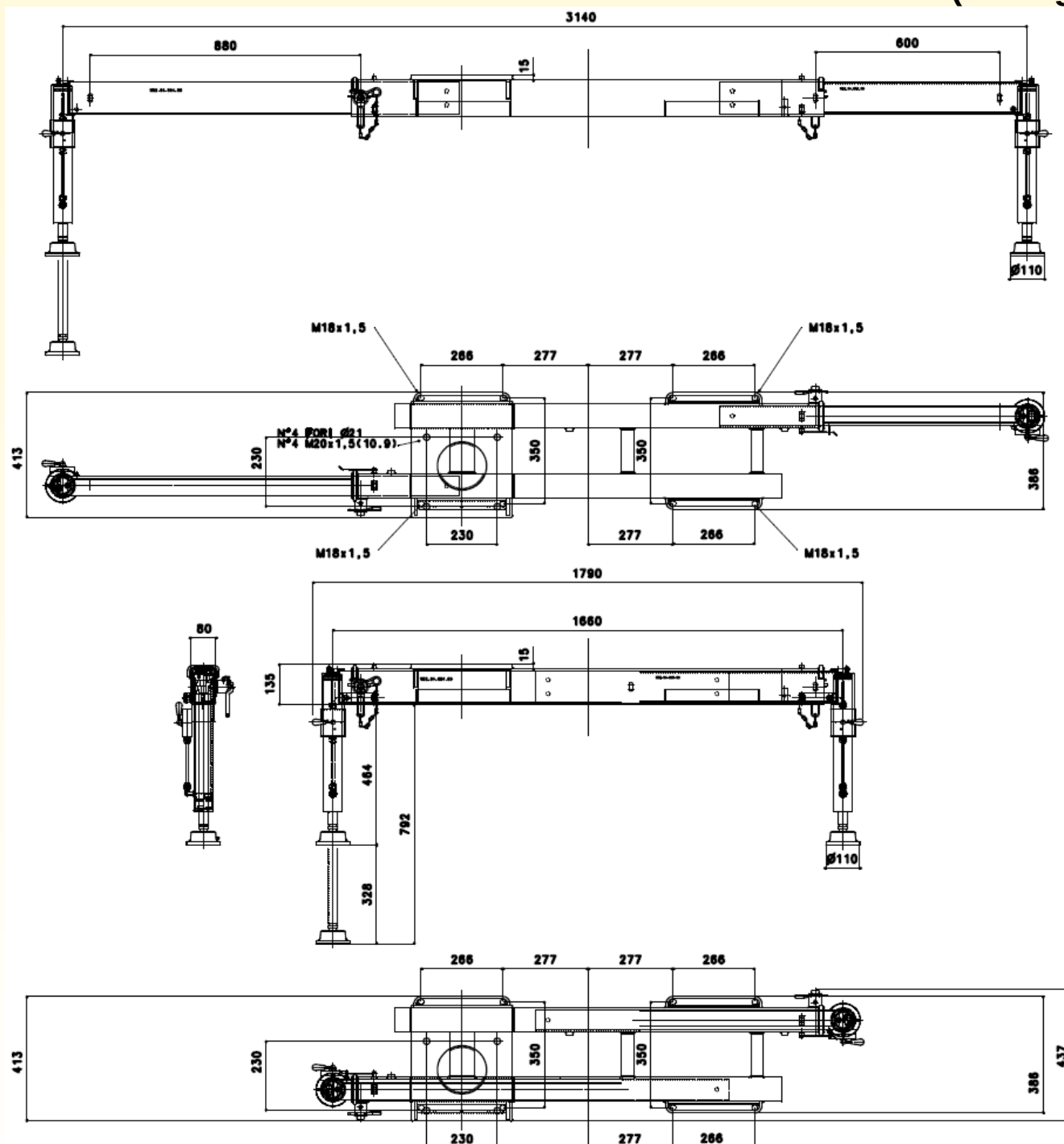
(115 Kg)



Fixing tie rods	N°8 M18x1.5 L=650 10.9	Tightening torque	150 Nm
Max force on the stabilizer leg	888 daN		
Max standard stabilizer pressure on the Ground (D=110)	9,3 daN/cm ²		

HA10 TECHNICAL SHEET

(115 Kg)

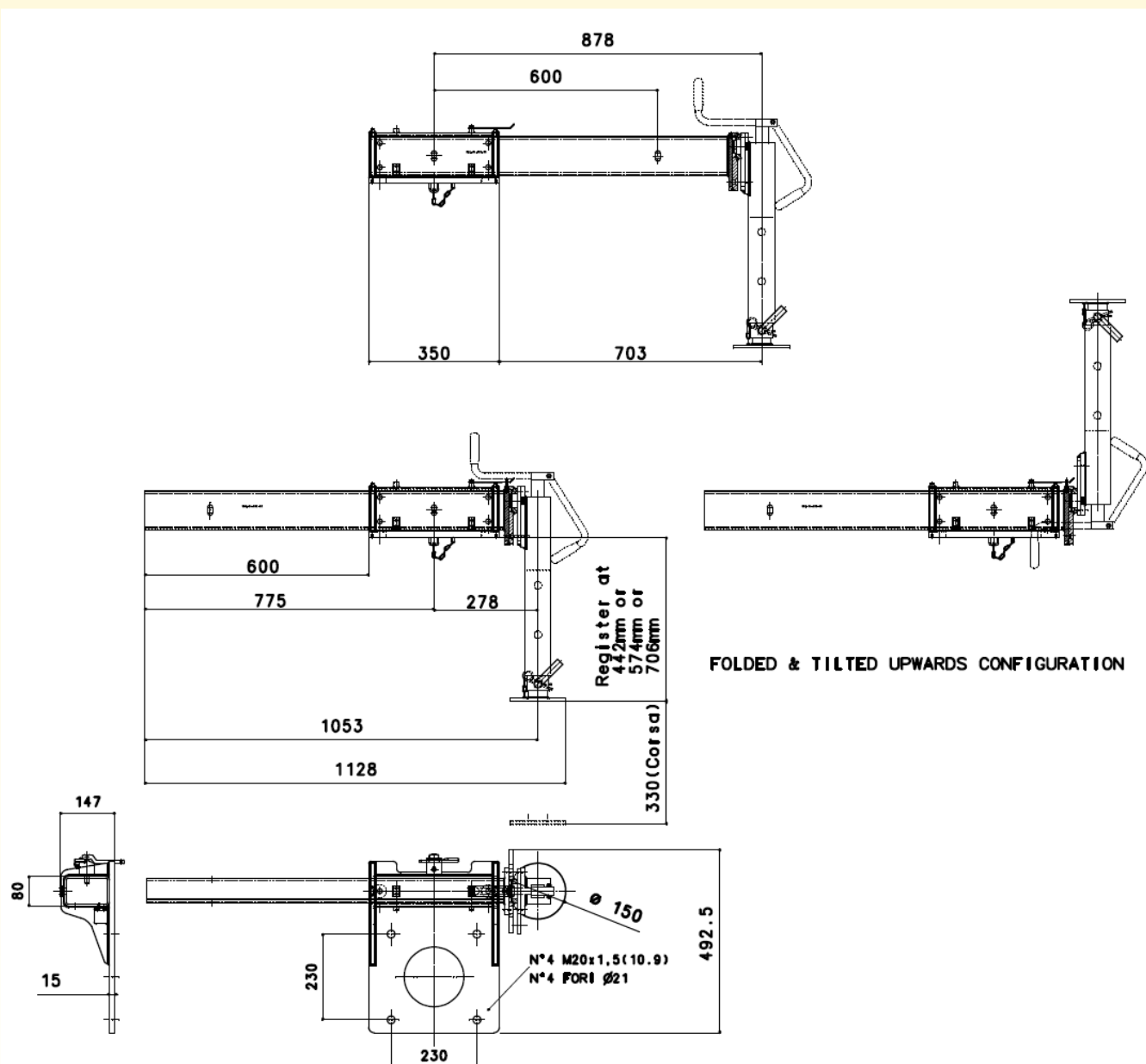


Fixing tie rods	N°8 M18x1.5 L=650 10.9	Tightening torque	150 Nm
Max force on the stabilizer extra		888 daN	
Max standard stabilizer pressure on the Ground (D=110)		4,9 daN/cm²	

HA10 TECHNICAL SHEET

OPTIONAL EXTRA STABILIZER DIMENSIONS (C)

(54 Kg)

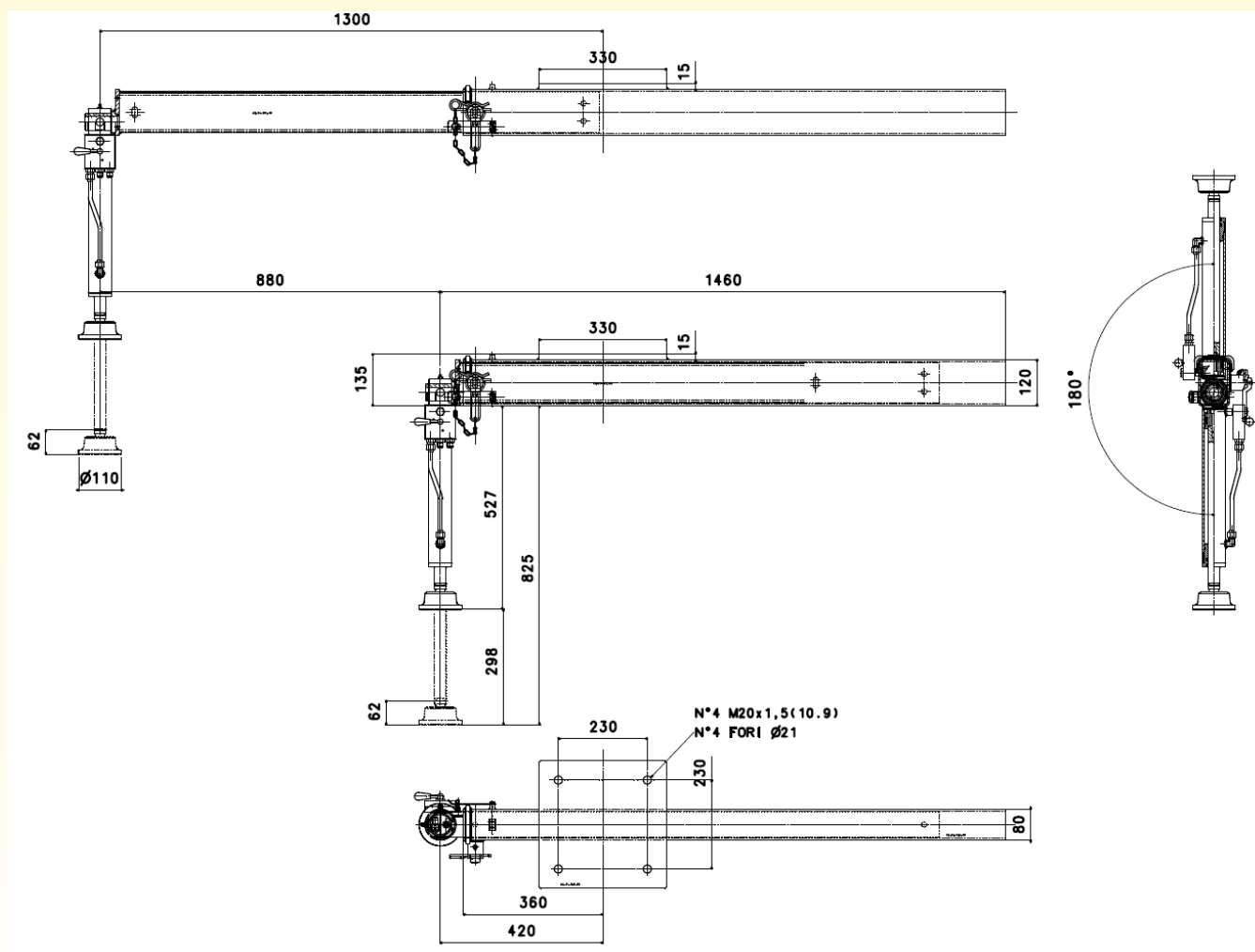


Max force on the stabilizer	1314 daN
Max standard stabilizer pressure on the Ground (D=150)	7,4 daN/cm ²

HA10 TECHNICAL SHEET

OPTIONAL EXTRA STABILIZER DIMENSIONS (B+E)

(62 Kg)

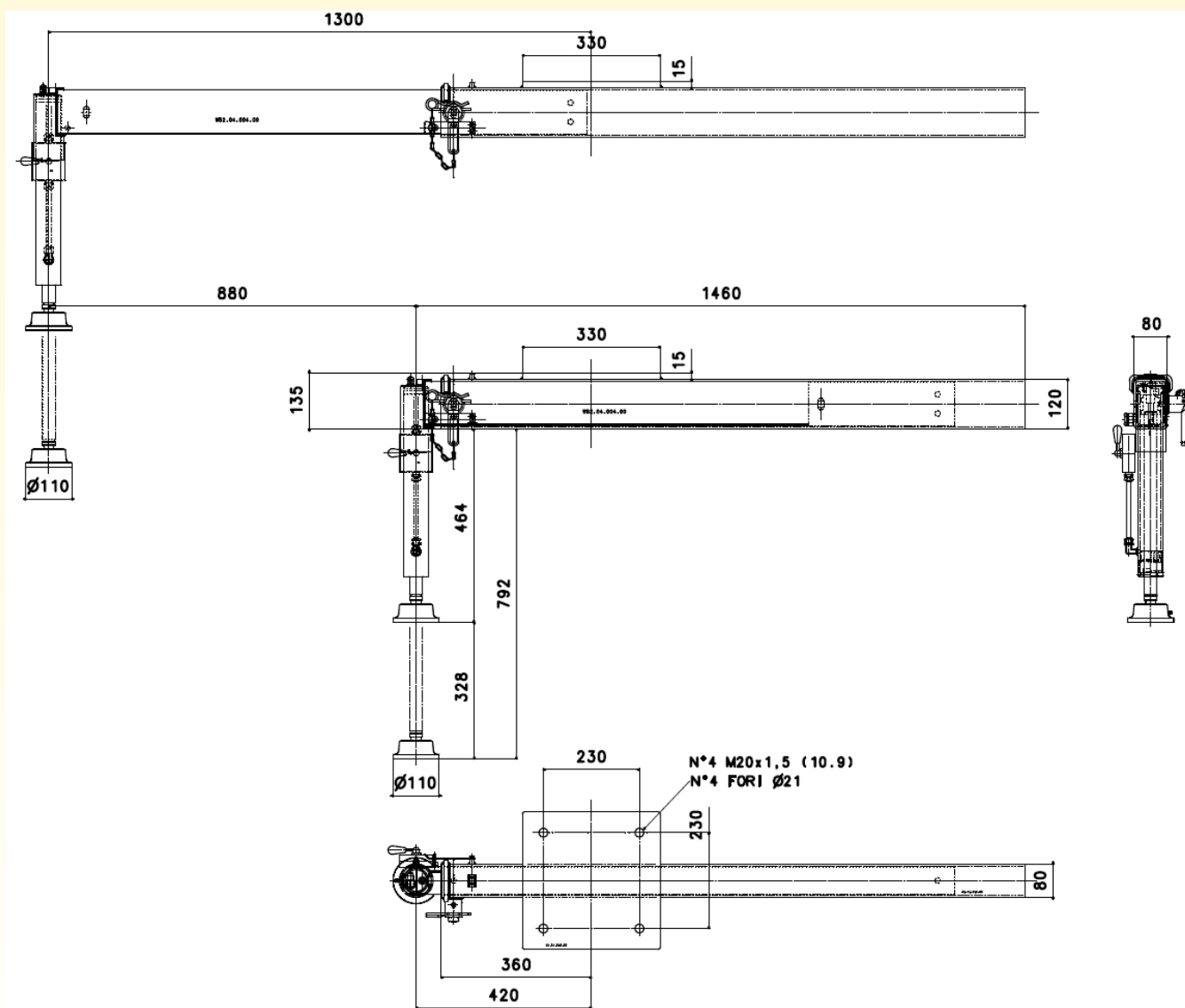


Max force on the stabilizer	888 daN
Max standard stabilizer pressure on the Ground (D=110)	9,3 daN/cm ²

HA10 TECHNICAL SHEET

OPTIONAL EXTRA STABILIZER DIMENSIONS (B+D)

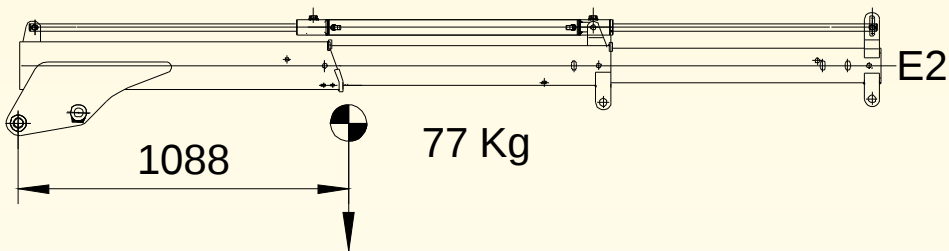
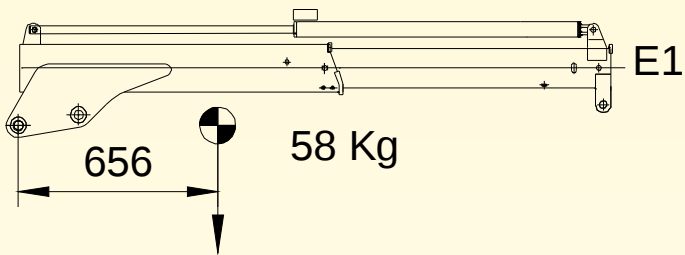
(61 Kg)



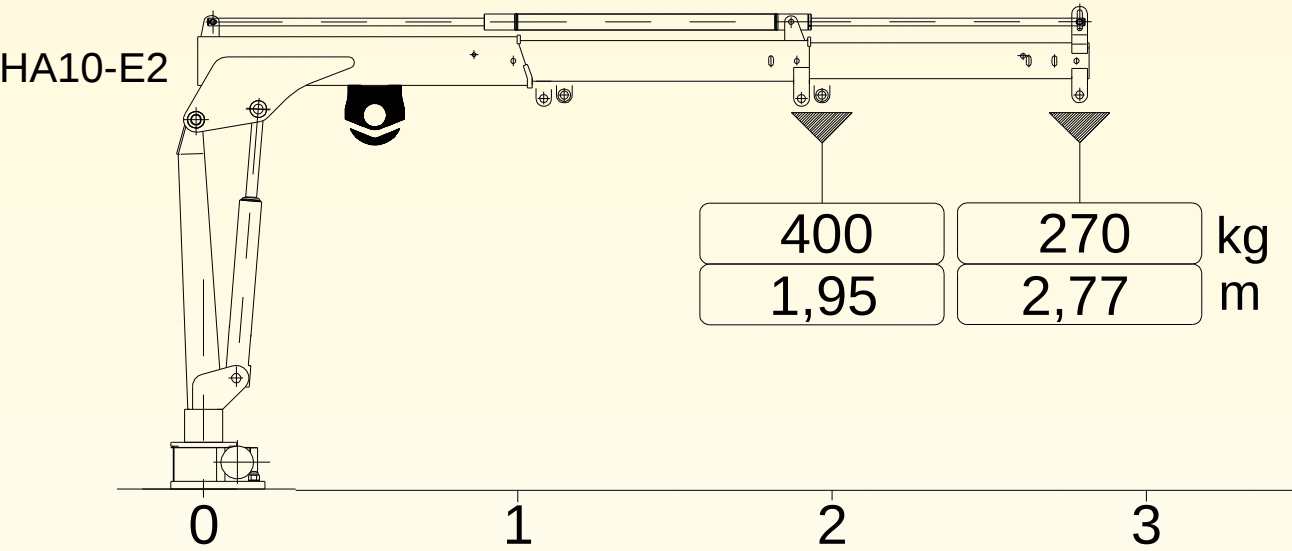
Max force on the stabilizer	888 daN
Max standard stabilizer pressure on the Ground (D=110)	9,3 daN/cm ²

HA10 TECHNICAL SHEET

WEIGHTS – CENTERS OF GRAVITY



	NO STAB.	BPS	BST
Fixed parts weight [kg]	87	147	195



CRANE - E2

Max winch direct pull [kg]	400
----------------------------	-----