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mm

100

90

80

70

60

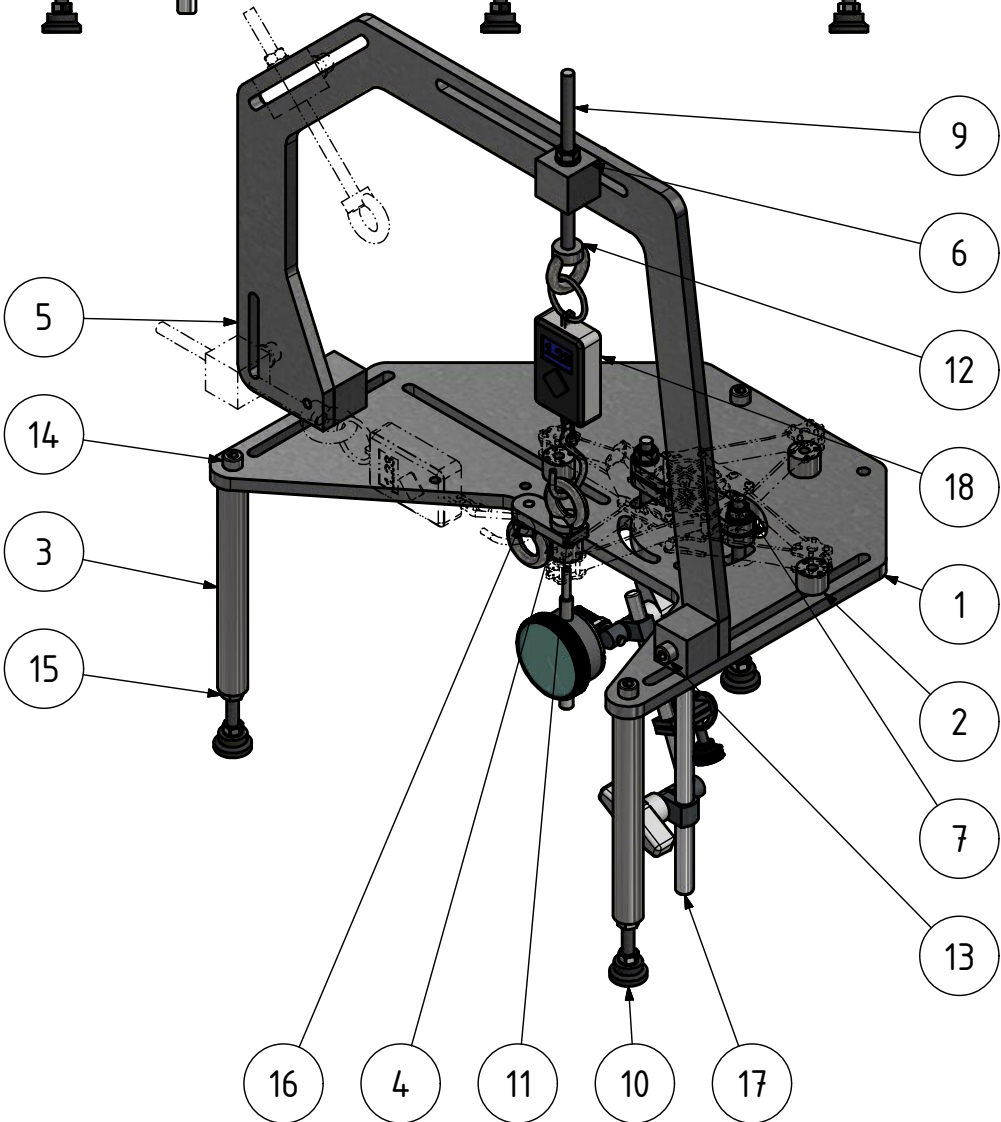
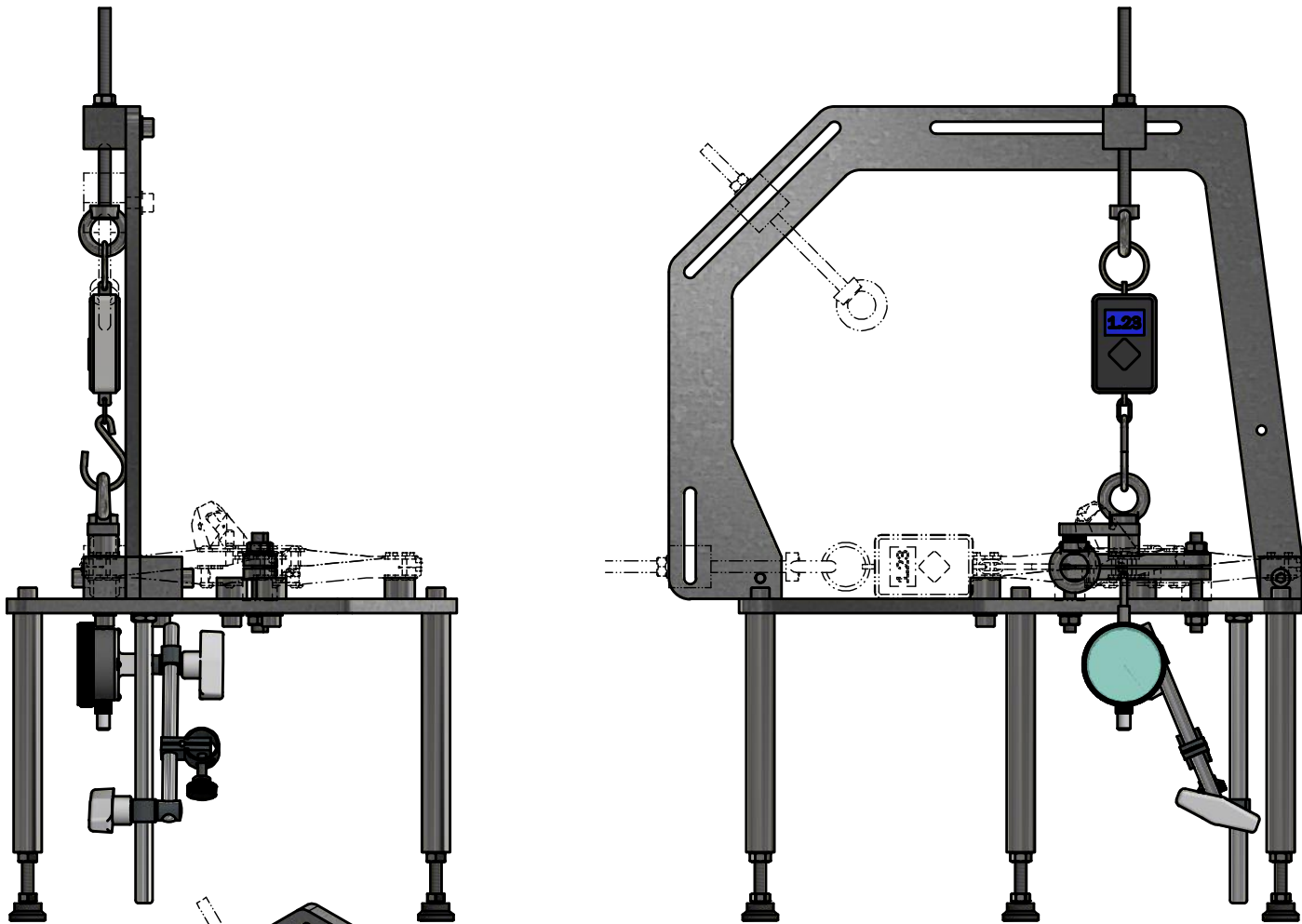
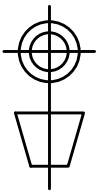
40

30

20

10

0




## PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	MT103-1	Base plate
2	4	MT103-2	16x16 motor plate adaptor
3	3	MT103-3	Extension for feet
4	1	MT103-4	Bracket for horizontal tensile testing
5	1	MT103-5	Anchoring arc
6	3	MT103-6	Box shaped angle bracket
7	2	MT103-7	Pod fastening bar
8	2	MT103-8	Threaded Rod, M8, 70mm
9	1	MT103-9	Threaded Rod, M8, 150mm
10	3	Wiberger-gn343-4_25-m8x40	M8 Rubber Feet
11	2	DIN 580 - M8	Lifting Eyebolt
12	1	DIN 582 - M8	Eyenuts
13	2	ISO 4762 - M8 x 40	Hexagon Socket Head Cap Screw
14	8	ISO 4762 - M8 x 20	Hexagon Socket Head Cap Screw
15	8	ISO 4032 - M8	Hex Nut. Product grades A and B
16	13	ISO 7091 - 8	Plain washers - Normal series - Product grade C
17	1	DIAL INDICATOR	Digital Dial Indicator
18	1	Scale	Digital Luggage Scale 0,01Kg res

This drawing are free to use for anybody. You can manufacture as many testbenches as you want and even sell them without sending any royalty to MadKwads AB. Just don't claim that you have designed it - that would be impolite! If you you sell or use this testbench you have to refer to it as "MadKwads tensile testbench made by <name of manufacturer>"

Additional dimensions according to CAD model

MATERIAL			FINISH			MASS		12,393 kg
CATEGORY	DESIGNED	DRAWN	CHECKED	DATE	SCALE	Do not scale drawing		
	JHE	JHE		2019-01-04	1 : 5			
TITLE								
Tensile testbench								
DESCRIPTION								
Measures strength and stiffness of FPV frames								
REVISION			SHEET		DESIGN OFFICE		DRAWING NUMBER	
A			1 / 1		MadKwads AB		MT103	
FILENAME								
MT103.iam								

Tolerance systems acc to ISO					
Surface roughness Ra um					
Where tolerance not stated: Threads: ISO 965/2 Dimensions: ISO 2768-1 Medium					
Dimension	Tol	Angle (Shortest adjacent side in mm)	Tol		
- 6	± 0,10	- 10	± °		
(6)- 30	± 0,20	(10) - 50	± 30'		
(30)- 120	± 0,30	(50) -120	± 20'		
(120)- 400	± 0,50	(120) -	± 10'		
(400)-1000	± 0,80				

A		Initial release	190108	JHE
MOD	LOCATION	CHANGE REFERENCE	DATE	SIGN