

IMPORTANT INSTALLATION INFORMATION

Installation sheet

Installing the Unwinder / Winder 100 on a stand

Dear Customer,

There are 2 types of stands in circulation for the 64" units.

Type 1	Type 2
	
<ul style="list-style-type: none">■ Colour: Dark grey■ Wider foot (W x L: 235 x 680mm)	<ul style="list-style-type: none">■ Colour: Light grey■ Narrow foot (W x L: 150 x 810mm)

In case an Unwinder Winder 100 system needs to be mounted on the second type, a mounting kit (KY-14605) is needed. When the unwinder / winder 100 needs to be mounted on a type 1 stand, this kit is not needed!

The parts of KY-14605 are bundled in 3 boxes inside the packaging of the winder.

1 In-The-Box items

Box 1 of 3

Description	Quantity
Arm plate bracket	2
Pcb support beam bracket	1

Box 2 of 3

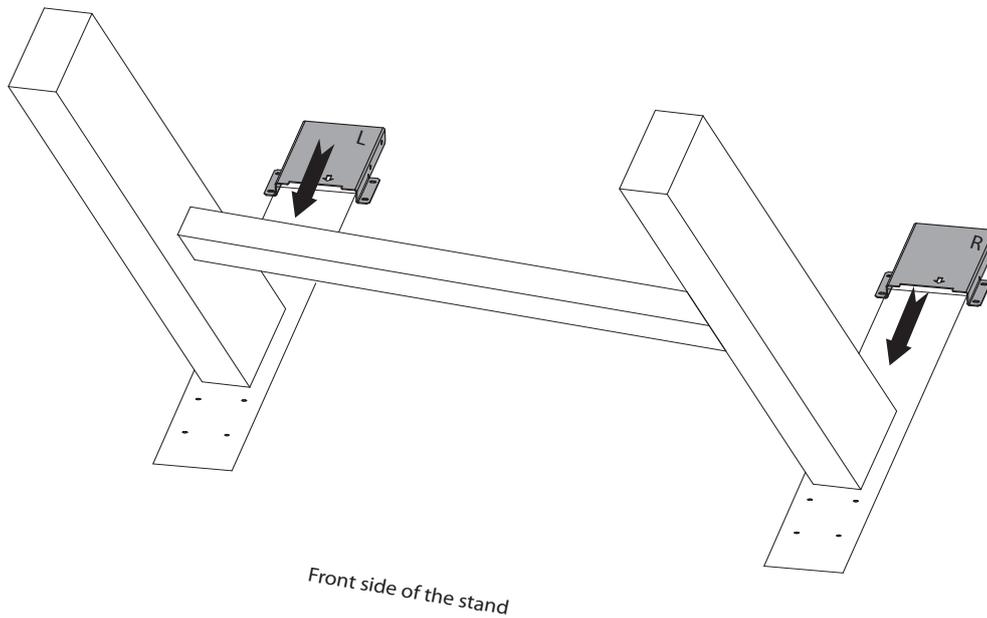
Description	Quantity
Foot bracket rear left	1
Foot bracket rear right	1
Foot bracket bottom	2

Box 3 of 3

Description	Quantity
Foot bracket front left	1
Foot bracket front right	1
Hexagon bolt M4 x 10	8
Hexagon bolt M6 x 10	16
Plain washer M6	8
Spring washer M6	8

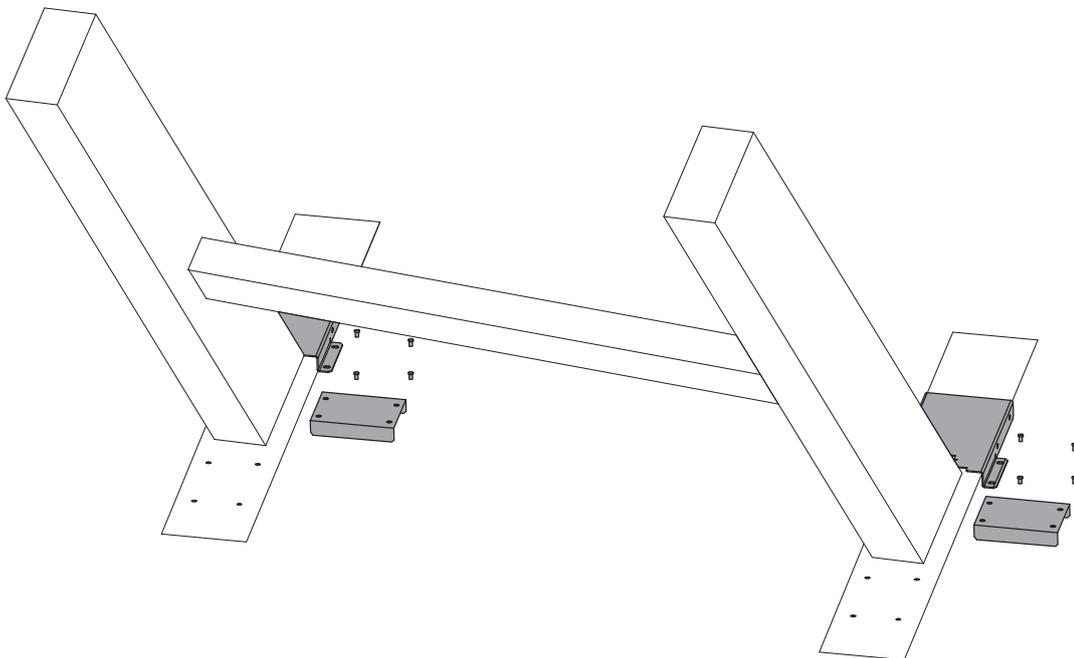
2 Installation Procedure

- Step 1:** At the back side of the stand, slide the bracket onto the feet and move it against the stand.
(For your information, the backside of the stand can be recognized by the length of the feet. The longest side is the backside.)

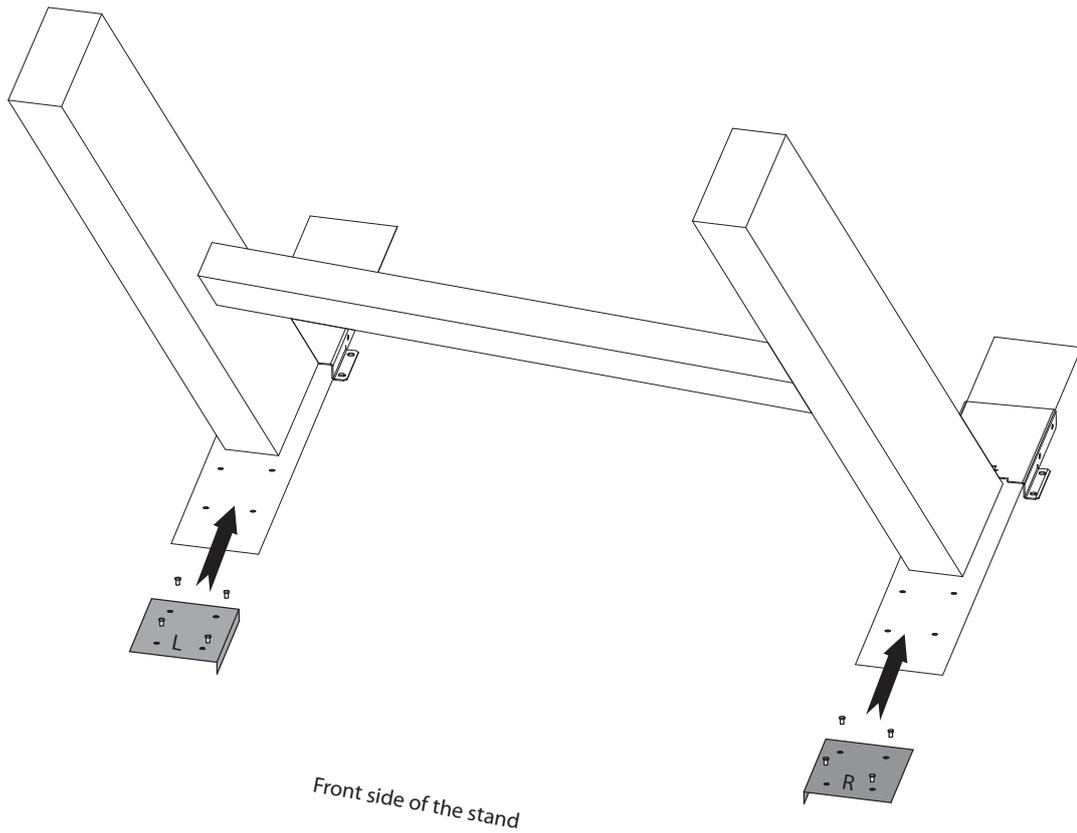


- Make sure to mount the left bracket on the left foot and the right bracket on the right foot.

- Step 2:** Fix the bracket to the closing bracket using 2x4 screws (M6x10, no washers).

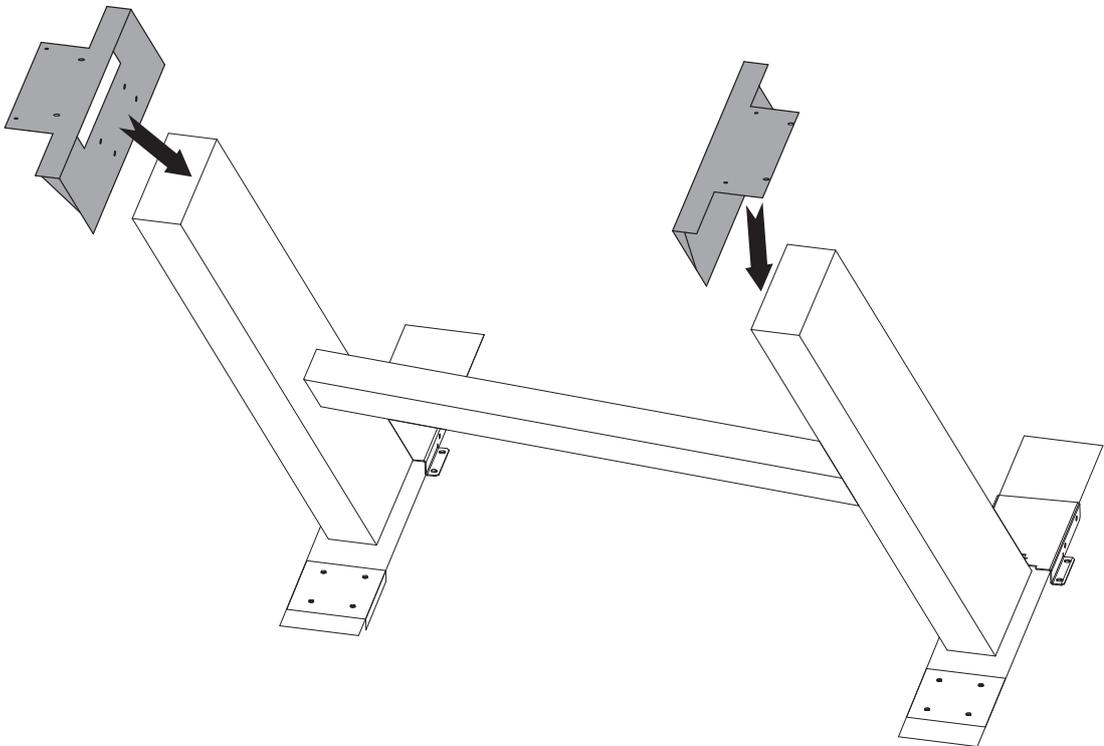


Step 3: Fix the two foot brackets to the front of the stand.

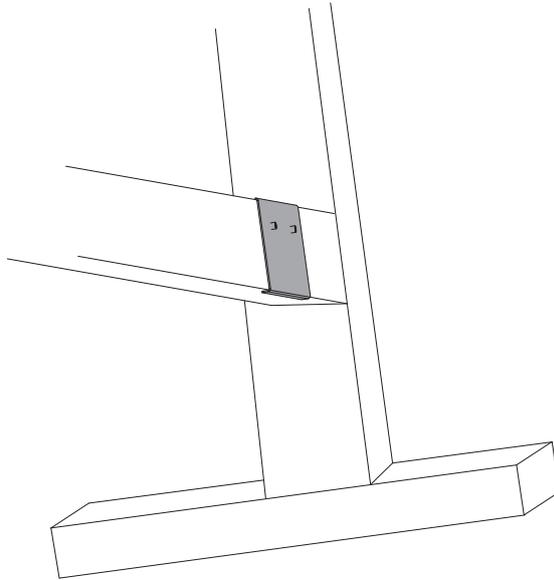


- Make sure to mount the left bracket on the left foot and the right bracket on the right foot.

Step 4: Mount the two arm plate brackets on top of the stand.



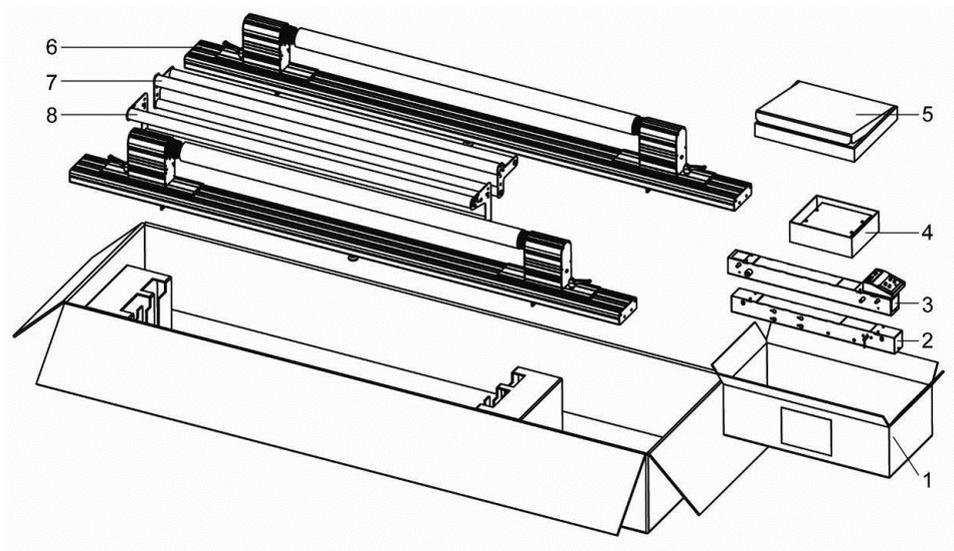
Step 5: Hang the PCB support beam bracket on the support beam.



Step 6: Place the printer on the stand and proceed with the installation of the Unwinder / Winder 100.

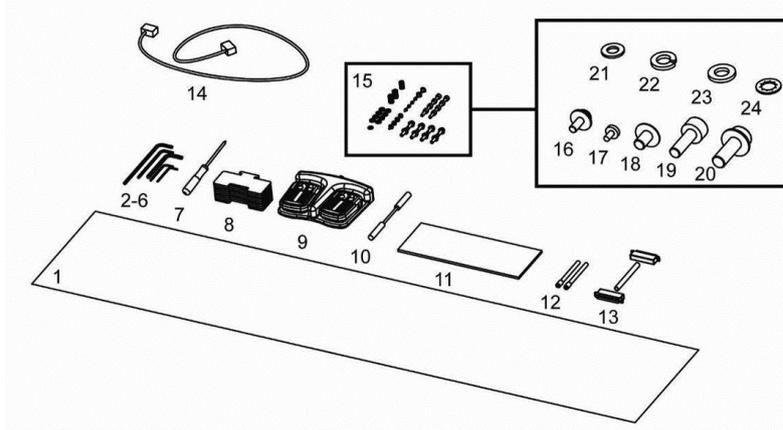
3 Unwinder / Winder 100 installation

Packaging box



N°	Description	Qty
1	Box 1: Bracket arms	1
2	Left bracket	1
3	Keyboard bracket	1
4	Box 2: PCB box	1
5	Box 3: Winder kit	1
6	Roll unit bar	2
7	Rear tensioning bar	1
8	Front tensioning bar	1

Winder kit



N°	Description	Qty
1	PET adjusting strip	1
2	Hexagon key 2.5 mm	1
3	Hexagon key 3 mm	1
4	Hexagon key 4 mm	1
5	Hexagon key 5 mm	1
6	Hexagon key 6 mm	1
7	Philips screwdriver p2	1
8	Spacer	10
9	Foot switch	1
10	Motor twist cable	1
11	Adjustment plate	1
12	Lock shafts	2
13	Keyboard cable	1
14	Power cable (EU + UK+ US)	3
15	Screw set	1
16	Screw M4x10	4
17	Screw M3x5	4
18	Screw M5x8	2
19	Screw M6x16	8 (Not needed when using KY-14605)
20	Self locking screws M6x16	8
21	Synthetic Washer M5	4
22	Spring washer M6	8 (Not needed when using KY-14605)
23	Washer M6	8 (Not needed when using KY-14605)
24	Lock washer M6	1
25	User's Guide	1

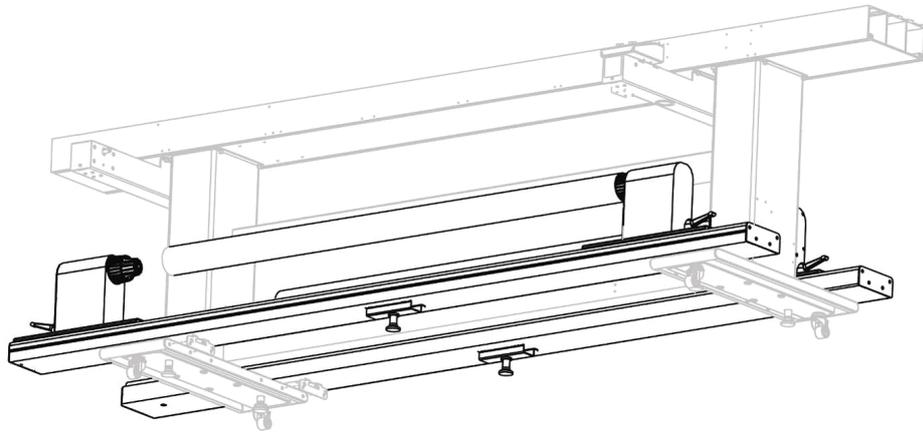
Mounting the roll unit bars

Parts and Tools needed

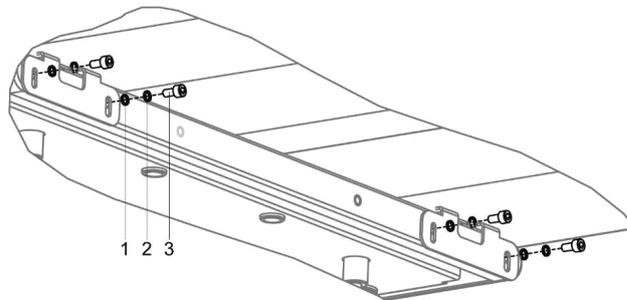
N°	Description	Qty
1	Roll unit bar	2
2	Hexagon bolt M6x10 (In KY-14605)	8
3	Plain washer M6 (In KY-14605)	8
4	Spring washer M6 (In KY-14605)	8
5	Hexagon wrench 5 mm	1

Procedure

Step 1: Position the roll unit bars (1) on the printer stand as shown on the image below.



Step 2: Mount the left side of the bars with the mounting supports positioned against the printer's stand as indicated on the image below.



N°	Description
1	Plain washer M6 (Bundled in KY-14605)
2	Spring washer M6 (Bundled in KY-14605)
3	Hexagon bolt M6x10 (Bundled in KY-14605)

Step 3: Check the gap (s) between the adjustable mounting support (1) on the right hand side and the printer stand and perform the correct action. This has to be done for both roll unit bars. See below.



N°	Description
1	Adjustable mounting support
2	Left mounting support
3	Gap between support and printer foot

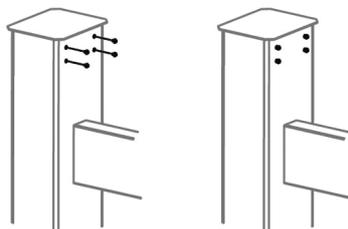
If...	Then ...
s = 1 or s > 1 mm	<ul style="list-style-type: none"> ■ Loosen the 4 screws holding the support on the roll unit bar, (do not unscrew completely) ■ slide the support against the right side of the printer's stand, ■ Fix the 4 screws holding the support on the roll unit bar.
s < 1mm	<ul style="list-style-type: none"> ■ Fix the support to the printer's stand without adjusting.

Mounting the brackets for the tensioning bars

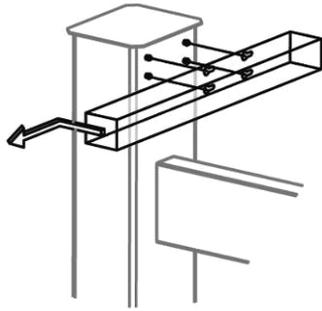
Parts and Tools needed

N°	Description	Qty
1	Right bracket	1
2	Left bracket	1
3	Self locking bolt M6x16	8
4	Hexagon wrench 5 mm	1

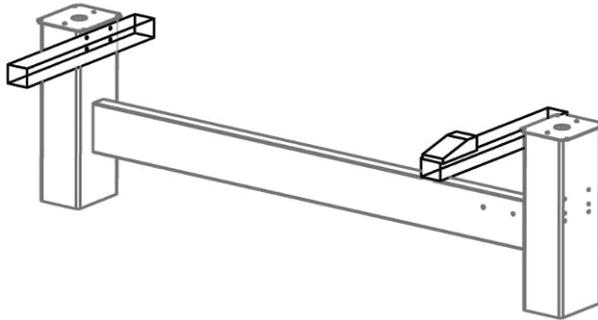
Step 1: Screw the self locking bolts (M6x16) half way in.



Step 2: Hook the left and right bracket over the four screws and pull.



Step 3: Tighten the bolts of the right bracket.



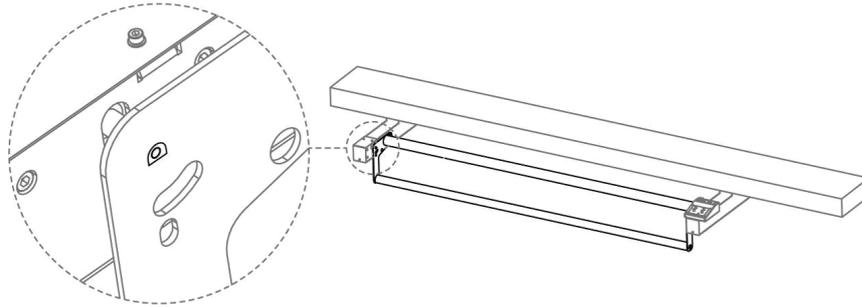
Installing the tensioning bars

Parts and Tools needed

N°	Description	Qty
1	Front tensioning bar	1
2	Rear tensioning bar	1
3	Pan head screw flat M4x10	1
4	Philips screwdriver	1
5	Hexagon wrench 5 mm	1
6	D lock shaft	2

Step 1: Remove the cover of the right bracket.

Step 2: Position the front tensioning bar (1) between the D-lock shafts of the left and right bracket in such a way that it fits the corresponding D hole in the plates (2) of the tensioning bars.

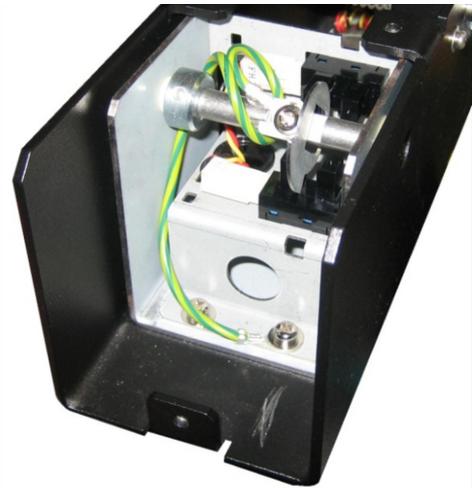


Note

- Be sure to position the D-lock shaft as shown on picture 1. If the D-lock shaft is turned an extra 360° or more, the grounding cable will be turned around the shaft as shown on picture 2 which will damage the electronics.

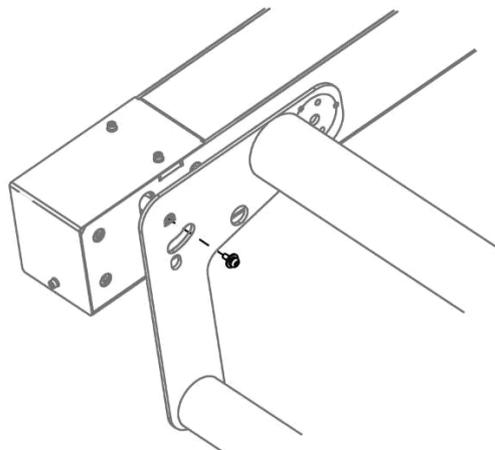


Picture 1

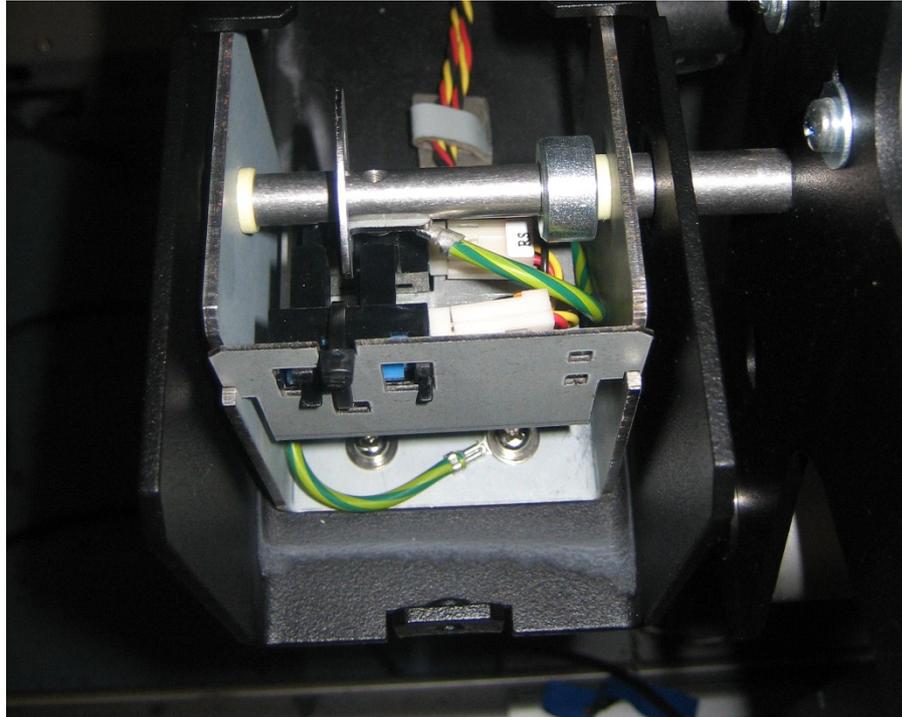


Picture 2

Step 3: Fix the front tensioning bar with 2 times an M4x10 screw.



Step 4: Do the same for the rear tensioning bar. Only remove the cover of the left bracket instead of right. Also be sure that the D-shaft is positioned as shown on the picture below, to avoid the grounding cable to get turned around the shaft.



Step 5: Tighten the bolts of the left arm bracket

Caution

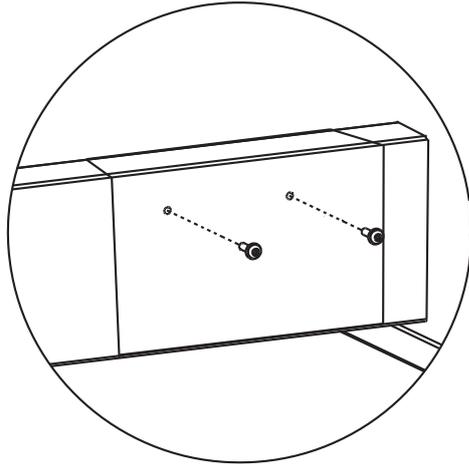
- Be sure to calibrate the complete system before using it. Please refer to the User's Guide of the Unwinder / Winder 100.

Mounting the PCB Box

Parts and Tools needed

N°	Description	Qty
1	PCB Box	1
2	Screw M5x8	2
3	Washer M5	4
4	Hexagon wrench 3 mm	1

Step 1: Mount two screws (M5x8 + washer) to the PCB support beam bracket.



Step 2: Place the PCB Box (2) against the stand and slide it with the holes over the screws (1) and push it downwards to fix it.

