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# PAPERFOX KRA-2

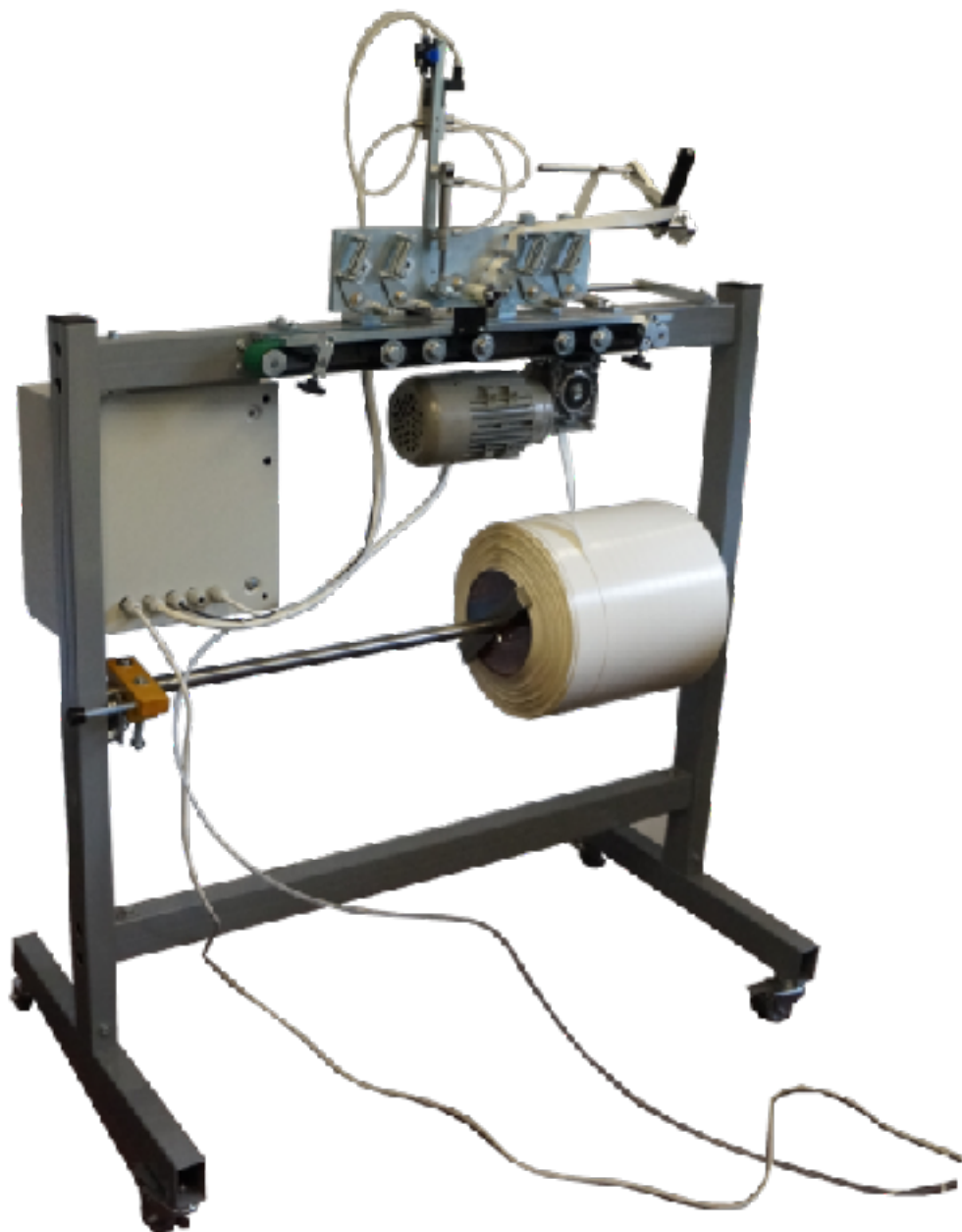
## Tape applicator

### Instructions manual

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Version: 25.Jun.2020

Last modification: 29.Jun.2020



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## Brief description

With the Paperfox KRA-2 Programmable tape applicator you can apply up to 20mm wide double sided adhesive tape on plastic profiles for example on cable trunking.

## Technical parameters

Dimensions:	L=110cm W=61cm H=146cm
Weight:	45 kg
Voltage:	230V 50Hz
Power consumption:	185W
Pneumatic pressure:	8 Bar
Profile forwarding method:	Conveyor belt (40x1240mm)
Tape cutting method:	With toothed knives. (So the cutting lines are not straight, they are zigzag shaped.)
Speed: (machines with frequency controller)	2, 10, 20, 30 m/min
Max. profile width:	25 mm
Min. profile width:	15mm
Max. profile height:	30mm
Min profile height:	15mm
Max. tape width:	20mm
Accuracy of tape application:	+/- 2mm (depending on the tape used)
Nr. of tape heads: (standard configuration)	1pc

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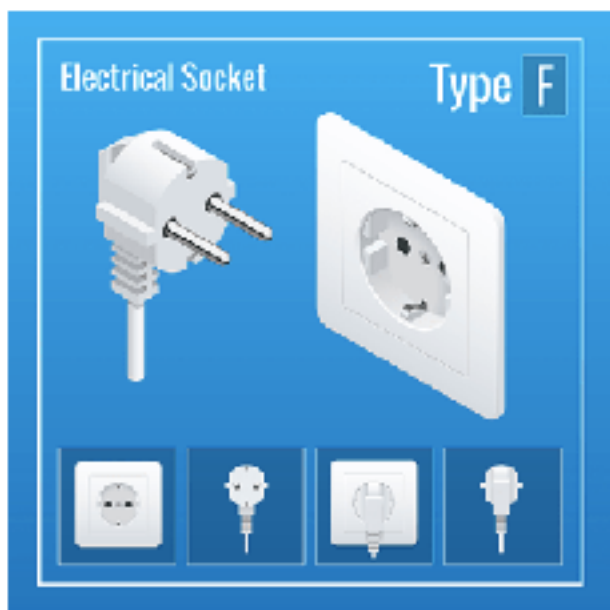
## Safety instructions

Please read the operating instructions before you use the Paperfox KRA-2 Tape applicator to prevent accidents and ensure the trouble-free operation.

- The Paperfox KRA-2 Tape applicator may not be operated by anyone who does not read or does not fully understand the operating manual.
- The device may not be used in wet or explosive environment.
- Always use a proper lighting.
- To ensure the easy unplugging use a socket in a height 0,6 and 1,9m.
- Use a proper socket with a safety ground.
- Never change the fuse to any other type as the designated value.
- Repairs should be carried out by qualified persons using original parts.
- There is a **sharp knife** in the taping head. Be careful if you change the tape or doing maintenance around the knife.

## Connections

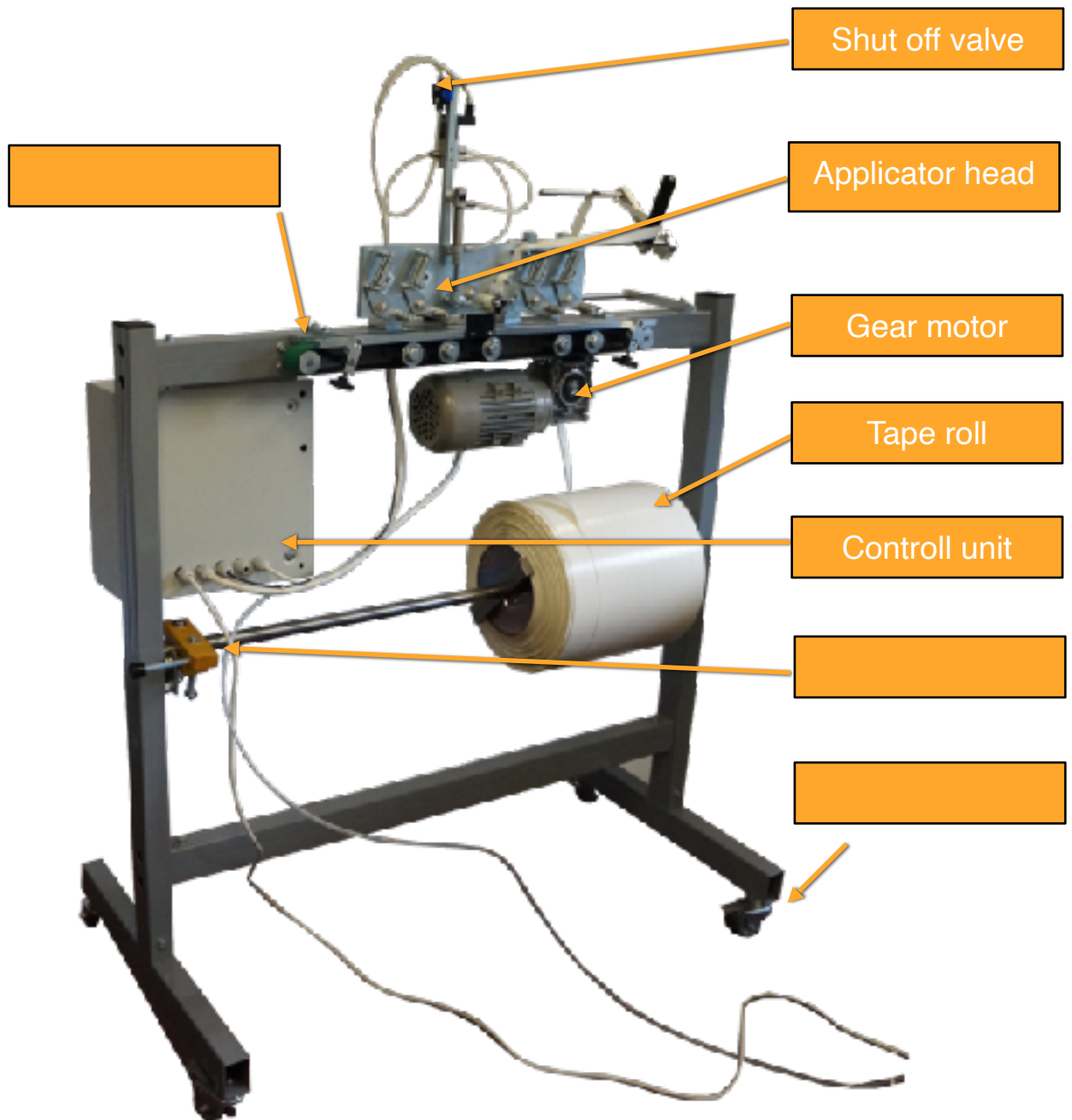
The Paperfox KRA-2 Tape applicator can be connected to 230V (220V) 50Hz single phase electric connector and 6-8 Bar pneumatic pressure according the following pictures.



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## Parts of the Paperfox KRA-2 Tape applicator

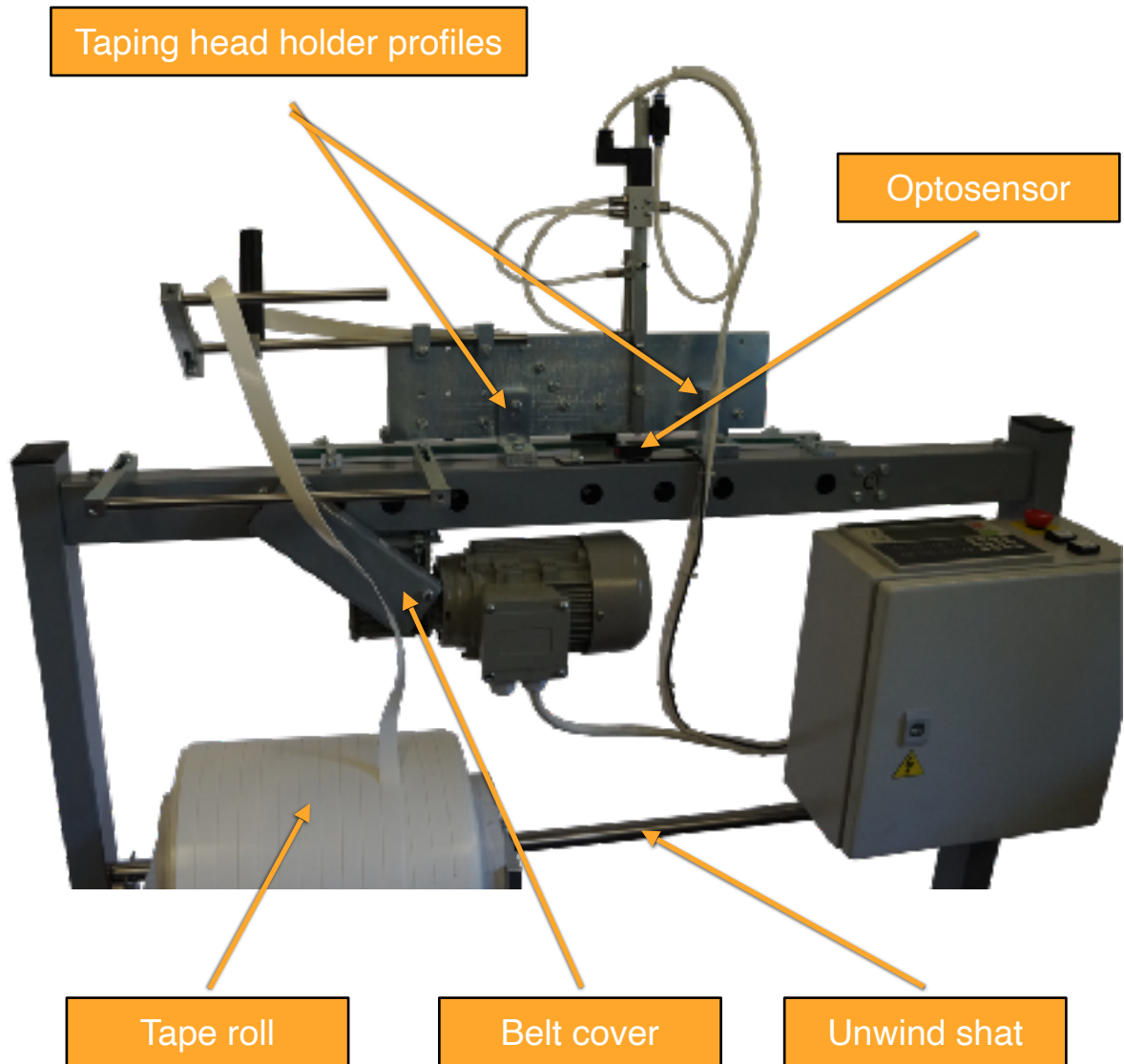
The configuration is subject to change. This parts are supplied in standard configuration.



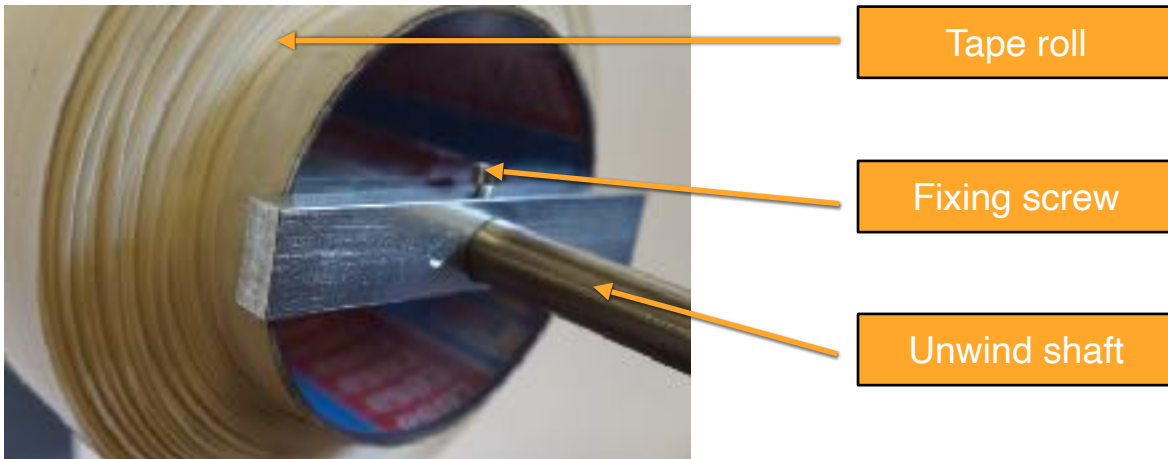
Then machine can be moved on rollers. Two rollers can be fixed with break to avoid the unwanted movement of the machine.

The self adhesive tape should be inserted into the machine according this photo. Please notice that the sticky side of the tape shouldn't touch the guiding elements.

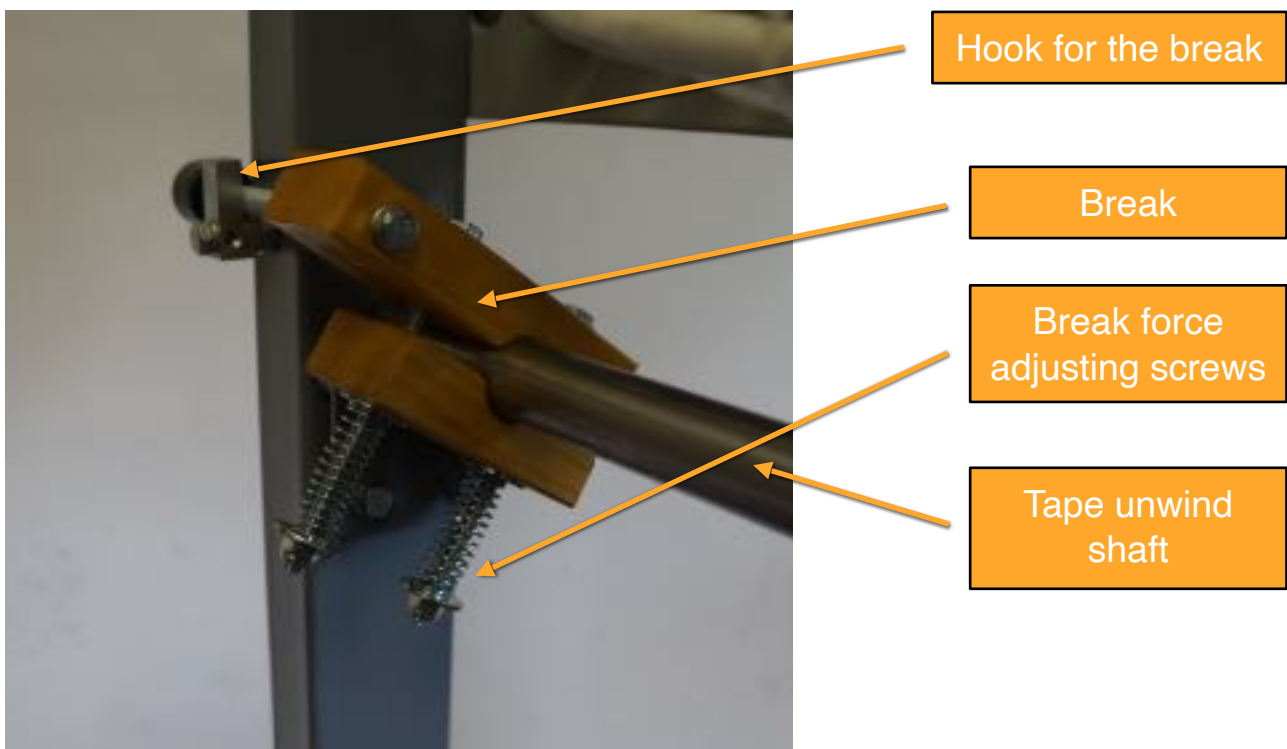
The position of the taping head can be adjusted after loosening the screws on the tapping head holder profiles. The height of the taping head should be adjusted so that the hold down rollers should hold the profile firmly, but they have a minimal vertical motion when they step on the profile.



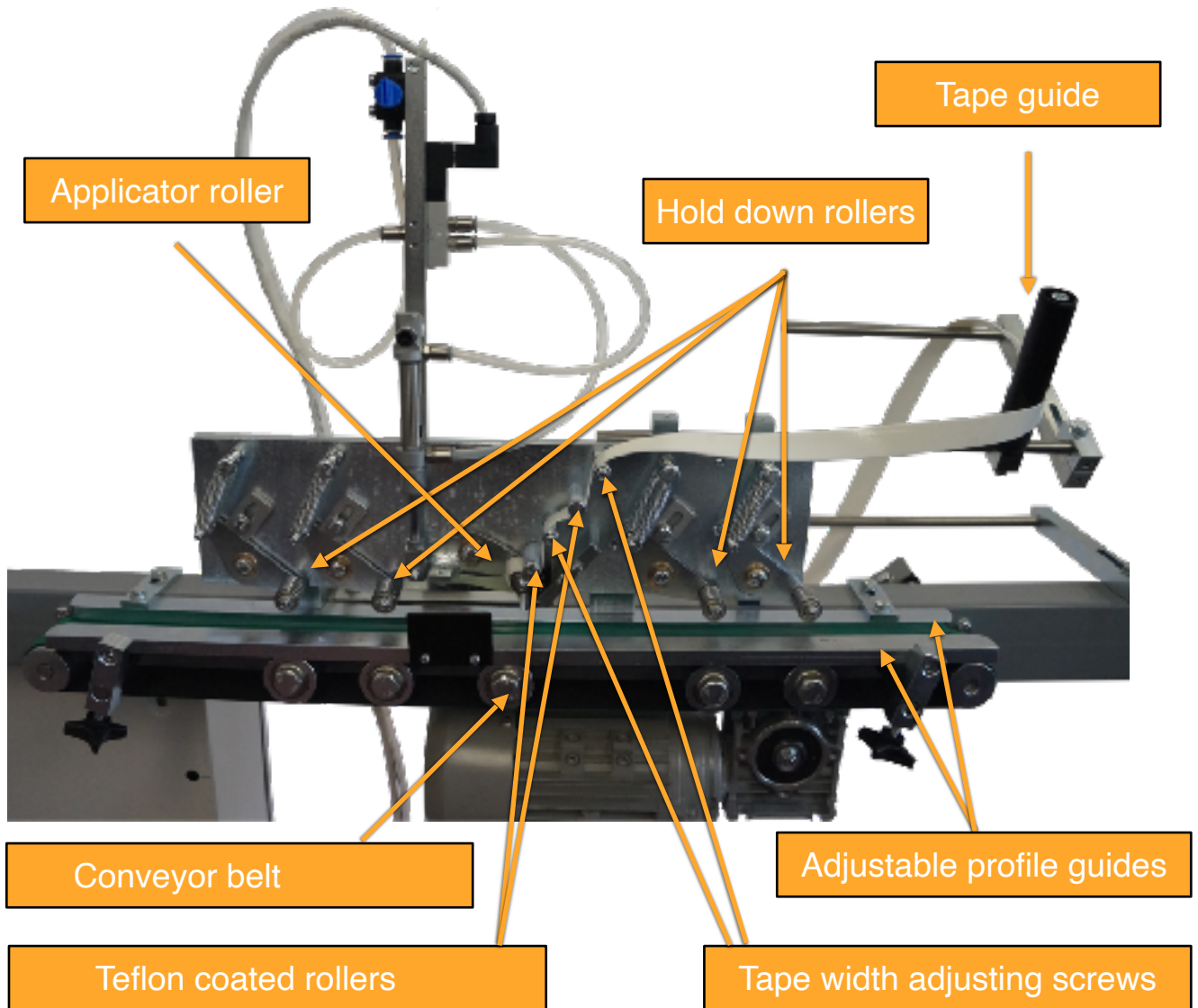
You can fix the self adhesive tape roll to the unwinding shaft with two fixing elements at both side. The Elements can be fixed with fixing screws. There is a simple break on the shaft.



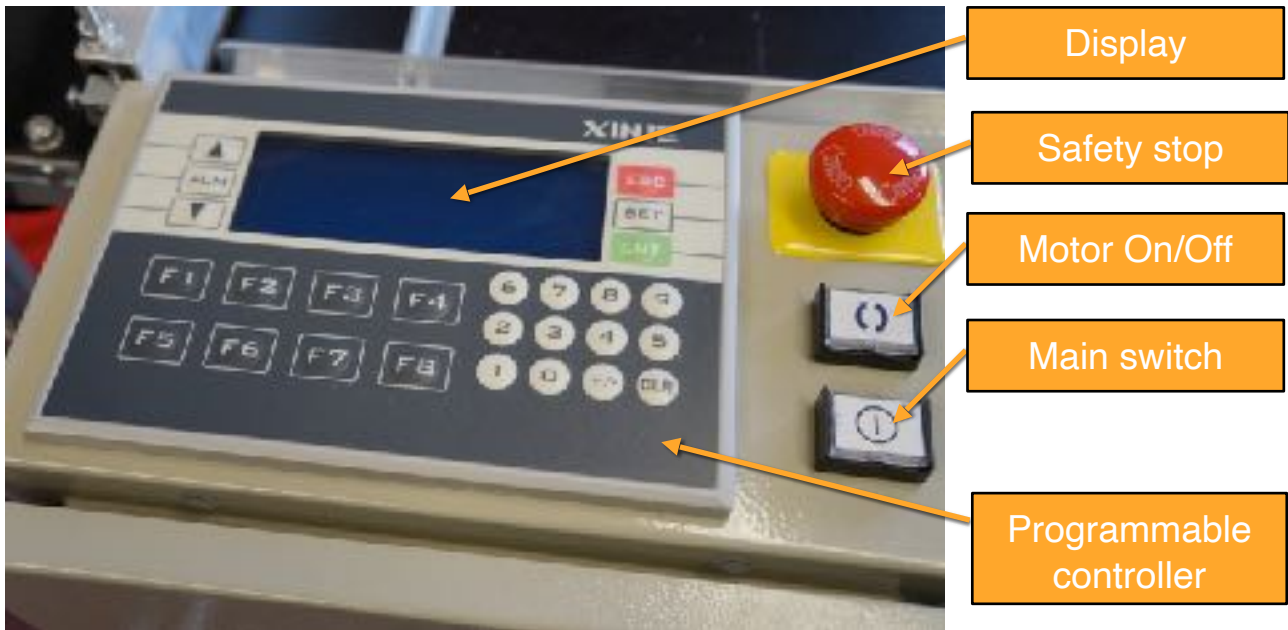
The shaft should be placed into the machine so that the hook for the break should hold the break not allowing movement. The break force can be adjusted with the break adjusting screws. If the break is too loose then the roll don't stops turning after the taping process stopped. If the break is too strong then the tape will be too tight after the taping process stopped and at the next taping it can cause inaccuracy. The setting is optimal if at the beginning of the taping process the tape is loose and only after taping few centimetres starts the tape pull the tape roll.



In this photo you can see the other side of the device. You can insert the tape according this photo. The sticky side of the tape shouldn't touch the guiding elements except the teflon coated rollers. The nut of the tape width adjusting screw should be adjusted according the tape width. The adjustable profile guides at booth sides of the profile which you want to tape should be adjusted, that the profile could be transported without much friction, but the guides shouldn't allow much movement in side direction.







With the main switch you can switch on/off the device. The light of the display should be on now. If the display doesn't light, then check the safety stop button.

If the safety stop button is pressed down you can't operate the device. It can be set into normal operating position by turning the head of the pushbutton a bit clockwise.

The sheet forwarding motor can be switched on/off with the motor on/off switch.



The machine needs compressed air which you can get by attaching the device to a compressor.

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The operating parameters of the device can be set with the programmable controller. You can set the parameters after pressing the "SET" button. The start delay is the time from the start signal of the optosensor to the actual starting time of the taping. So you can set the starting position of taping with this parameter. The smaller is the taping delay, the earlier starts the machine the taping process. With the End delay you can adjust the end position of taping. The counter counts the taped profiles and it can be set to "0" by pressing the "F1" key. The speed can be changed by pressing the "F2" button. Please notice that for every speed the device has different Start and End delays. So you should adjust it at every speed.

The controll program is very similar to FTD-1 controll program. After pressing the UP/DOWN keys you can enter the FTD-1 menu which you can see in the operational manual of FTD-1.





## Declaration of conformity

We the manufacturer

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Declare that the product

Kind of product: Tape applicator  
Type of product: Paperfox KRA-2


Is in compliance with the essential requirements and other relevant provisions of the following directives:

EMC Directive	2004/108/EC
Low voltage directive	2014/35/EU

The product is compatible with the following standards:

EN 60204-1 Safety of machinery. Electrical equipment of machines  
EN 1088 Interlocking devices associated with guards  
MSZ EN ISO 12100:2011 Safety of machinery

Nagytarcsa, 26.JUN.2020.



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