

# PAPERFOX TU-1

## Tape Unwinder

### Instructions manual

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## Brief description

The Paperfox TU-1 Tape Unwinder can be used with the Paperfox Programmable tape applicators or with other similar machines. The device reduces and stabilises the pulling force of the tape, the tape applicators can work in the same circumstance and the tape application can be more accurate.

## Technical parameters

Dimensions:	L=73cm W=42cm H=120cm
Weight:	22 kg
Voltage:	230V 50Hz
Power consumption:	185W

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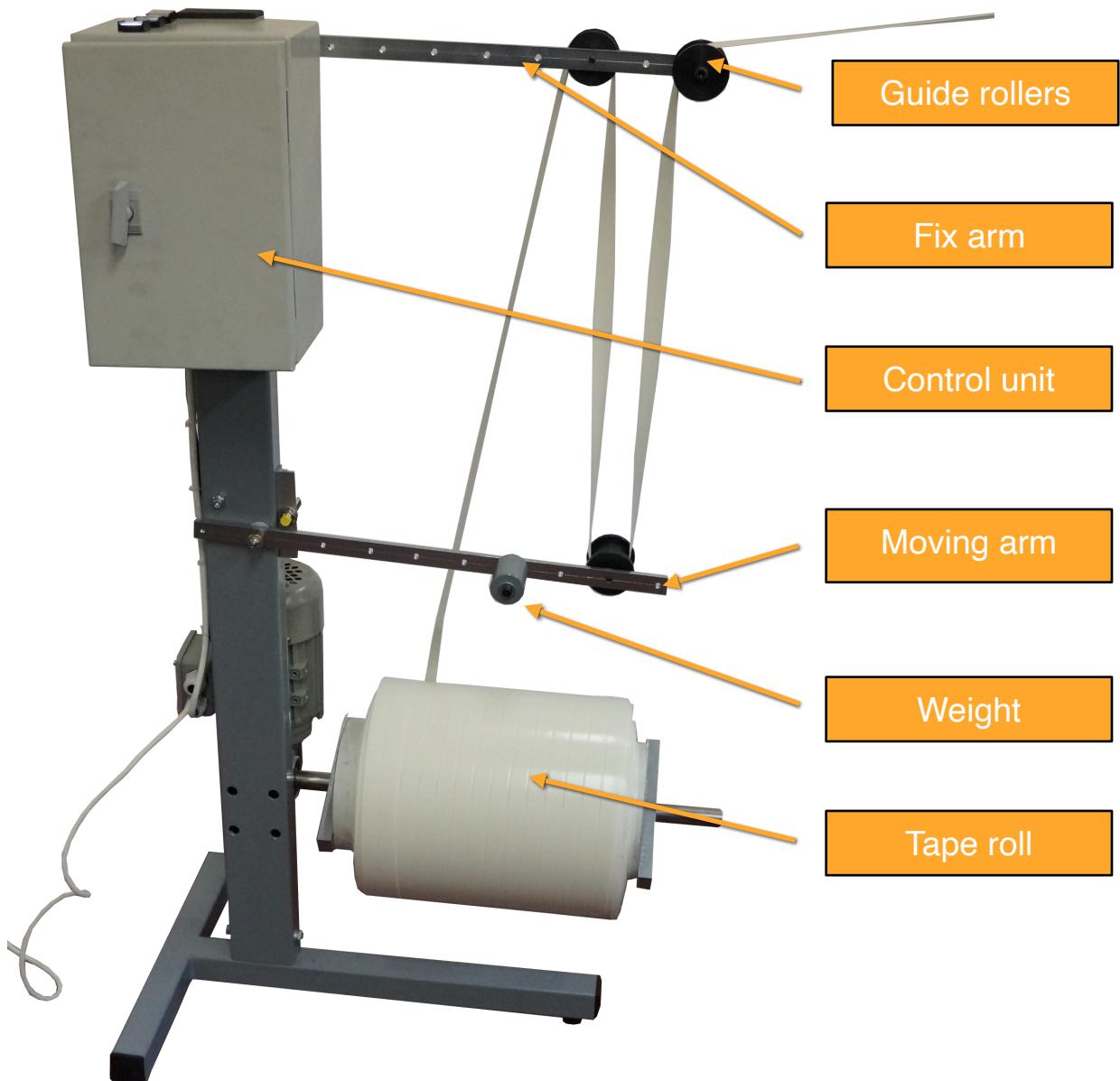
## Safety instructions

Please read the operating instructions before you use the Paperfox TU-1 Tape unwinder to prevent accidents and ensure the trouble-free operation.

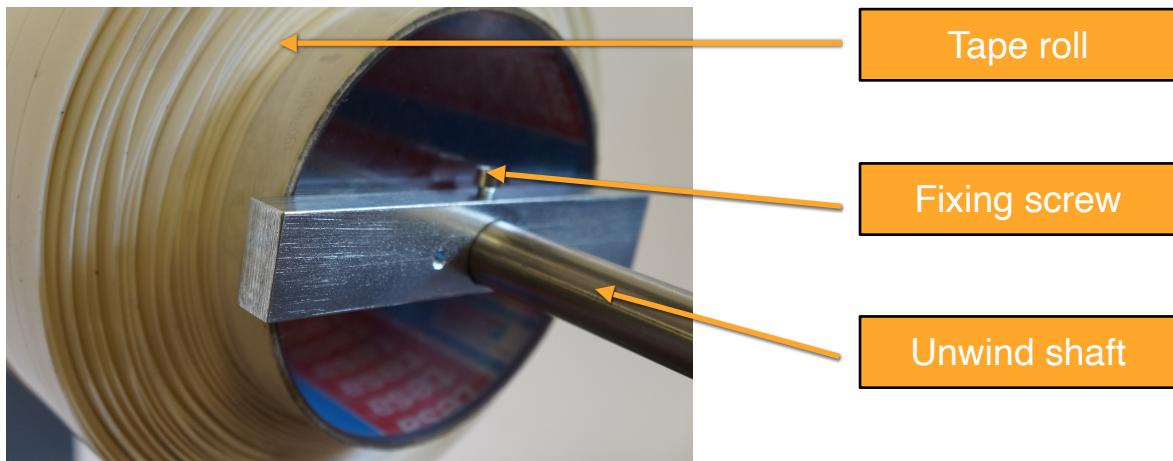
- The Paperfox TU-1 Tape unwinder may not be operated by anyone who does not read or does not fully understand the operating manual.
- The device may not be used in wet or explosive environment.
- Always use a proper lighting.
- To ensure the easy unplugging use a socket in a height 0,6 and 1,9m.
- Use 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.

## Parts of the Paperfox TU-1 Tape unwinder and their adjustment possibilities

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



The tape roll should be fixed and the tape should be inserted in the way you can see in the photo.  
Please notice, that the sticky side of the tape shouldn't touch the guide rollers.  
You can adjust the tape tension by replacing the Weight on the moving arm.  
If the tension is too big then the accuracy of taping can be worse.  
If the tension is too low, the machine can't remove the sticky tape from the roll, it can be jammed.

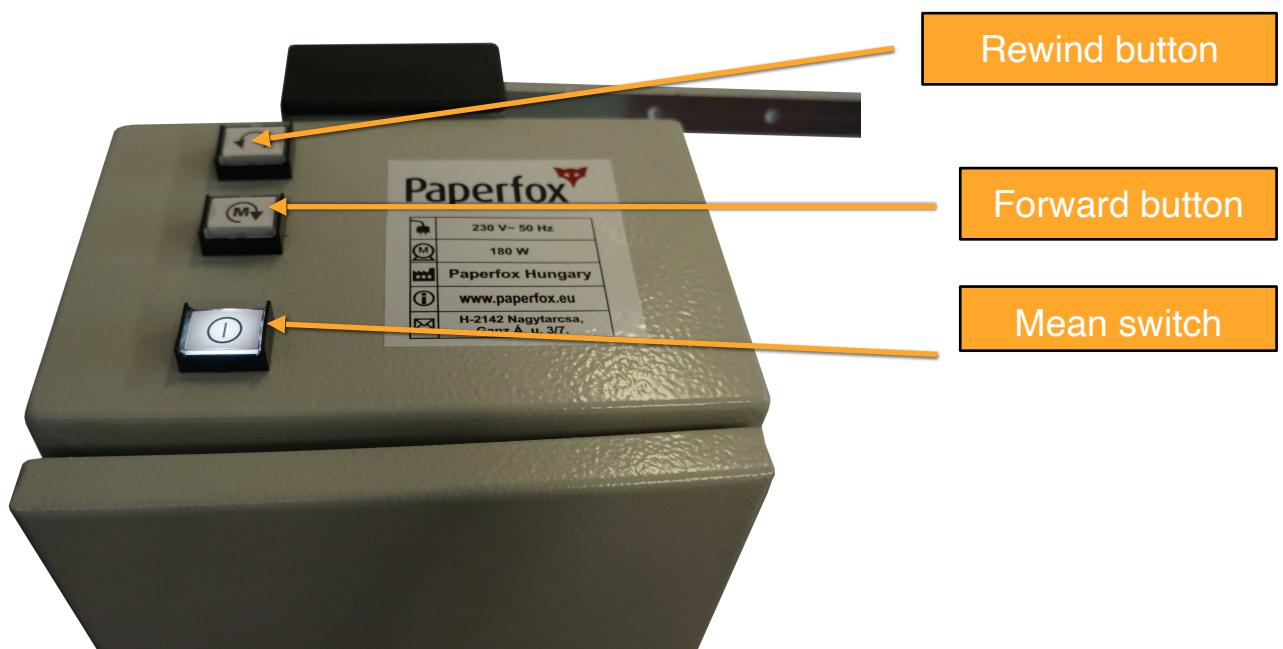


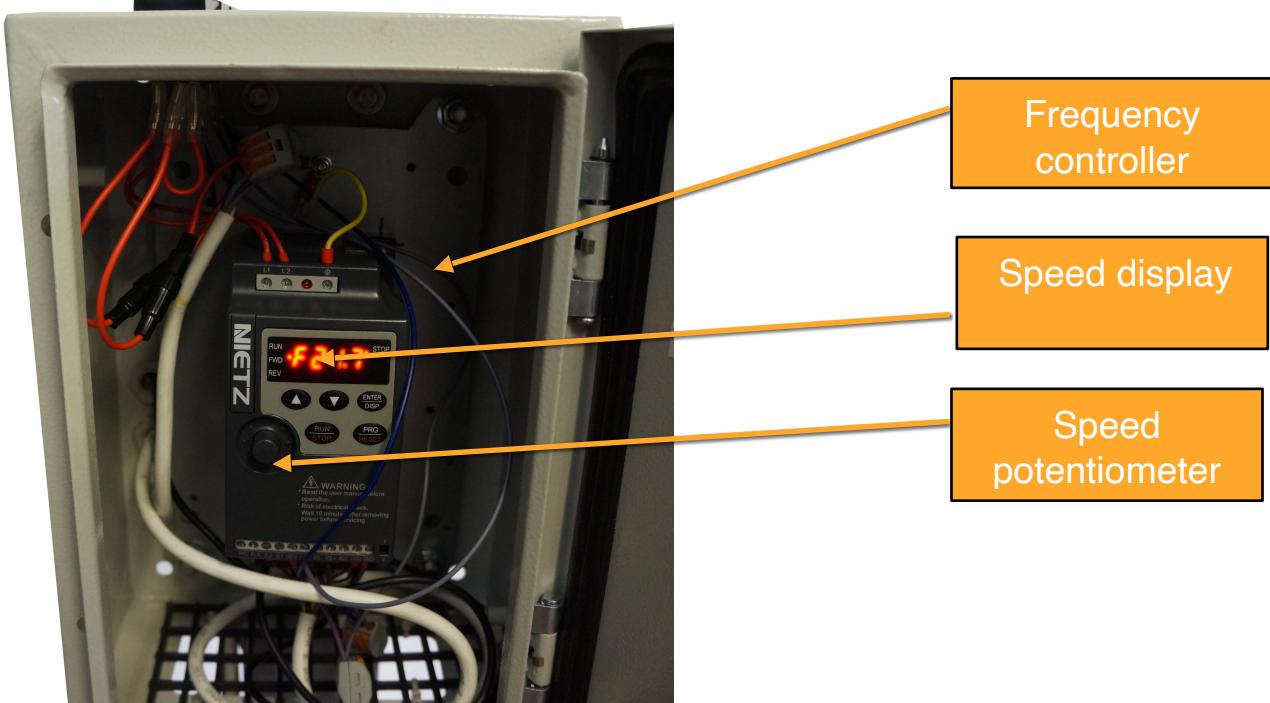
The tape roll can be fixed on the unwinding shaft with fixing screws.

With the main switch you can switch on/off the machine.

With the Rewind button you can wind the tape back. If the tape already tiff is, the rewinding stops even if you push the button.

With the forward button you can unwind the tape.





With the speed potentiometer you can adjust the speed. The actual speed (motor frequency) is displayed on the display.

You can adjust the optimal speed according the followings:

- If the speed is too low then the device can't feed enough tape to the tape applicator.
- If the speed is too high, then the motor switches on/off too often. The moving arm of the device moves up/down very quickly.
- The speed is optimal if the tape always has a same tension and the moving arm has not excessive motion.

If you can't adjust the optimal operation with adjusting the speed, you can try to change the position of the guiding rollers and the weight on the arms.

With repositioning the weight on the moving arm you can adjust the tension of the tape.



## Declaration of conformity

We the manufacturer

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Declare that the product

Kind of product: Tape unwinder  
Type of product: Paperfox TU-1

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.

A handwritten signature in blue ink.

Fürcht Zoltán e.v.  
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Fürcht Zoltán