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# PAPERFOX CLR-5

## coreless rewinder

### OPERATIONAL MANUAL

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Version: 23-APR-2022  
Last modified: 22-SEP-2022



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## Description

The Paperfox CLR-5 rewinder is suitable for rewinding up to 1000mm wide roll materials, so that winding does not require a paper core.  
The machine can be programmed to stop after winding a given length of material.  
The rewinding speed can be adjusted in 3 steps.

## Parameters

Dimensions: (L x W x H)	130 x 92 x 140cm
Weight:	100 kg
Voltage:	230V/50Hz
Power consumption:	400W
Fuses:	2 x 4A
Operational temperature:	+5...+40 °C
Storage temperature:	-25...+55 °C (+70 °C max. 24 óra)
Noise:	Less than 70 dB(A)
Max. altitude:	1500m
Manufacturer:	Paperfox, H-2142 Nagytarcsa, Ganz u. 3/7.
Max. roll width:	1000mm
The maximum roll-up length depends on the thickness of the material:	Corrugated paper: 20m Paper, thin foil: 40m
Driving belt:	1pc timing belt HTD-5M-9mm 72 teeth
	24 db 746mm long D=3mm "o" belt 12 db 970mm long D=3mm "o" belt 2 db 649mm long D=3mm "o" belt 1 db 230mm long D=3mm "o" belt

## Safety regulations

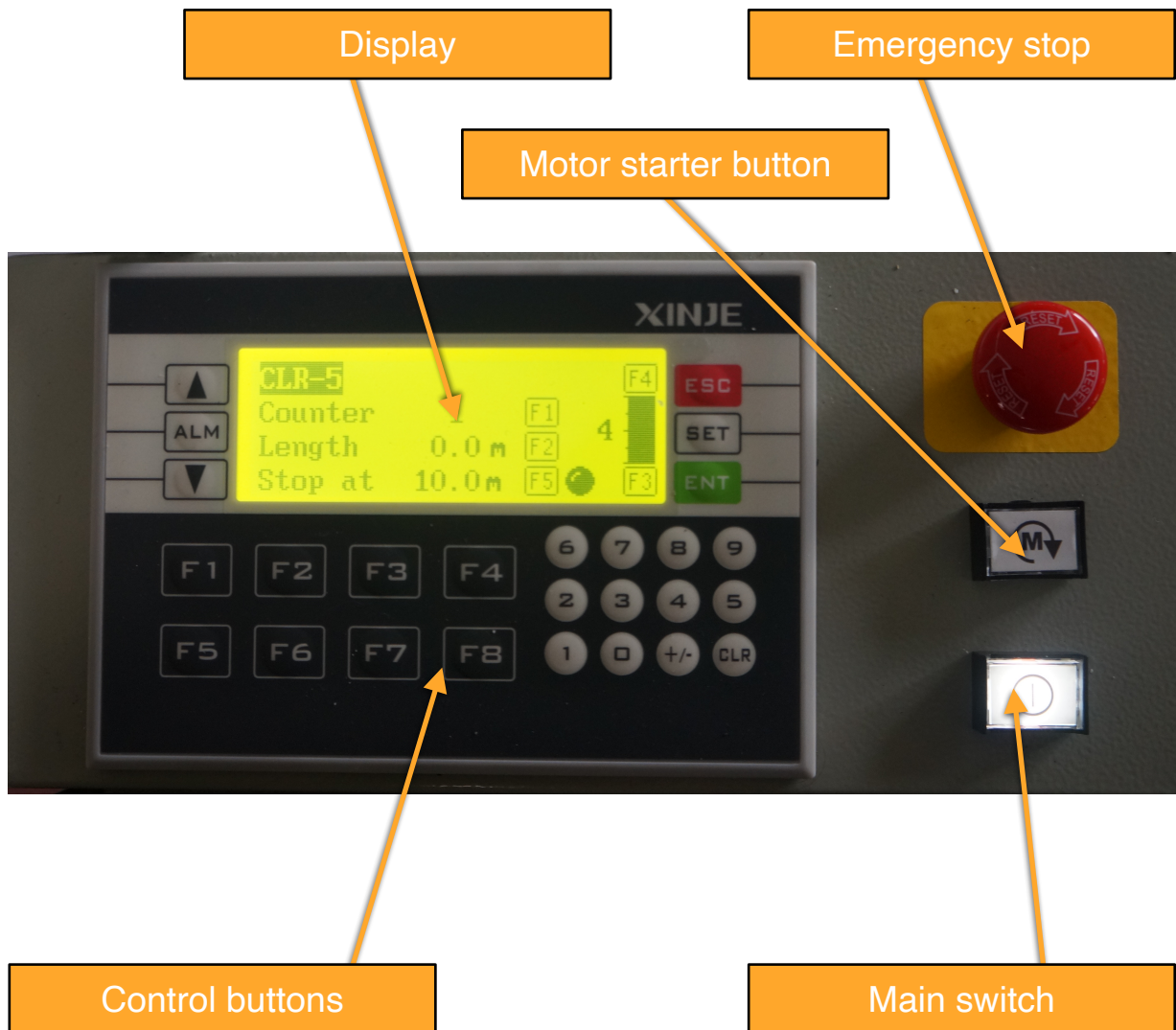
- Risk of electric shock. Open the door of the device only after pulling out the mains plug!

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## Parts of the Paperfox CLR-5 cordless rewinder



## Switching on the CLR-5



The device can be switched on by pressing the main switch. If the indicator light does not light up, check the condition of the emergency stop button. The emergency stop button can be reset to its default state by turning the red head.

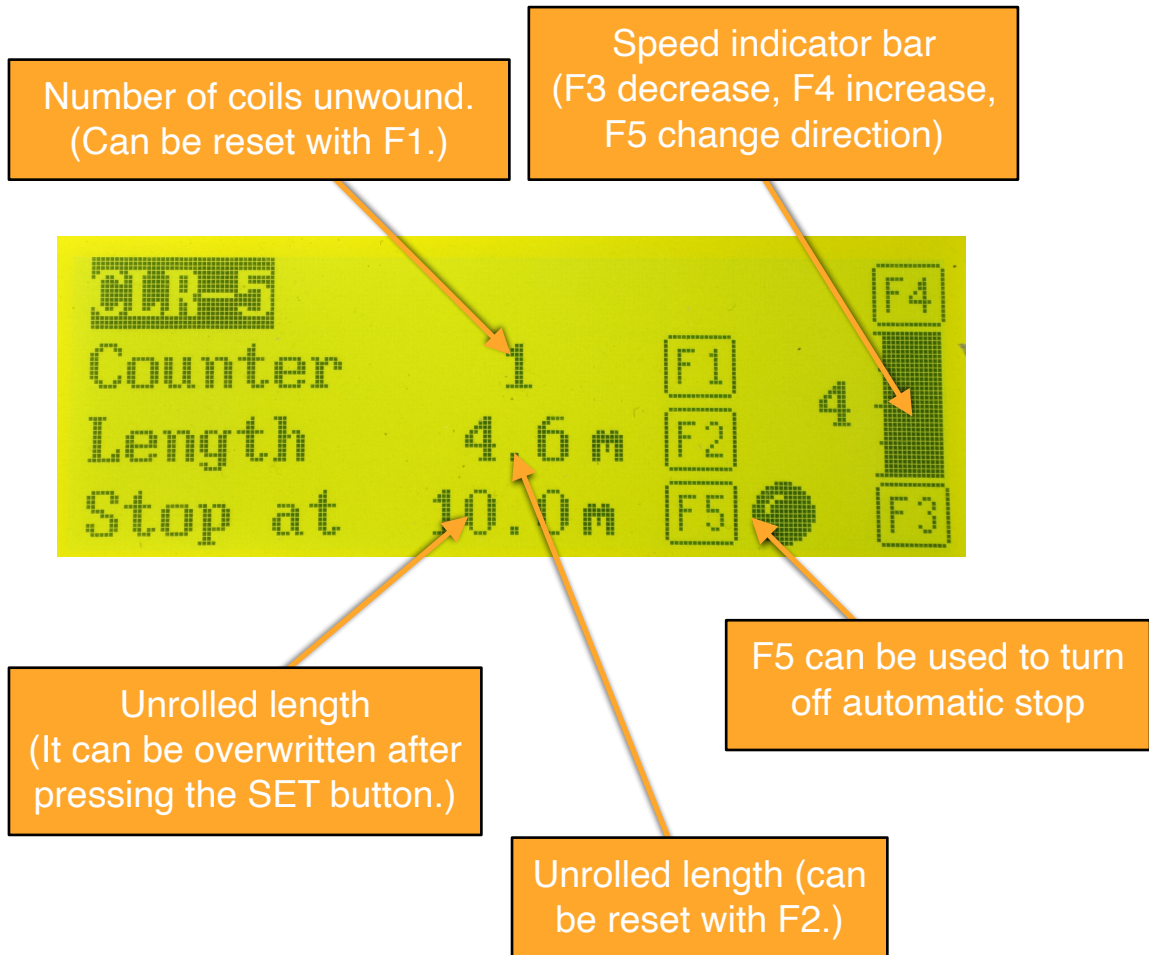
The motor that drives the conveyor belt can be started by pressing the motor start button.

The operating characteristics of the machine can be set with the control buttons.

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## Programming the Paperfox CLR-5 rewinder

The device can be set on the programmable controller on the control unit.



The speed of the conveyor belt can be adjusted in 4 steps with the F3 and F4 keys.

"Counter" shows the number of rolls that have been rewound and its value can be deleted with the F1 key.

"Length" shows the rolled length and its value can be deleted with the F2 key.

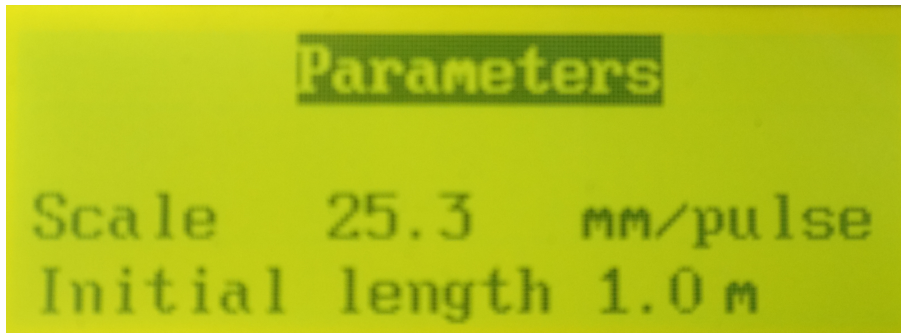
The "Stop at" variable indicates the length after which the machine stops automatically.

The automatic stop function can be deactivated with the F5 key.

Additional menu items can be accessed by pressing the F8 key.

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The operating parameters are set on the screen that appears after pressing F8.  
The "Scale" variable is the length that the material moves during one pulse of the length measuring sensor.



In the "Initial length" variable, is the length until you have to push the motor start button continuously to achieve the the continous motor movement.

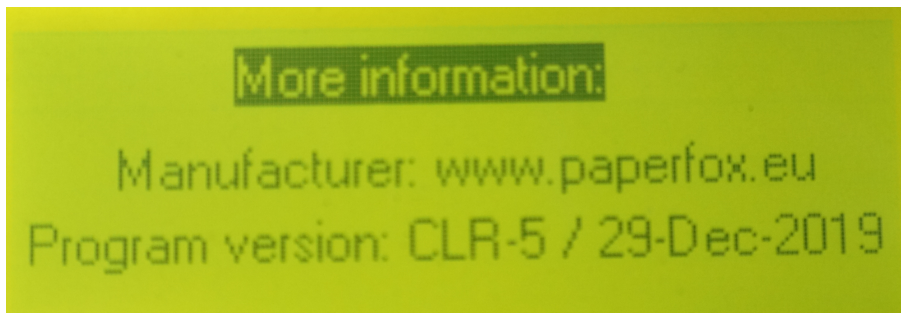
This helps the insertion of the material into the machine.

After the initial length has run, the start button can be released, the material is continuously conveyed until the desired length. Continuous operation can be stopped by pressing the start button.

The speed can also be changed on the fly with the F3 and F4 keys.

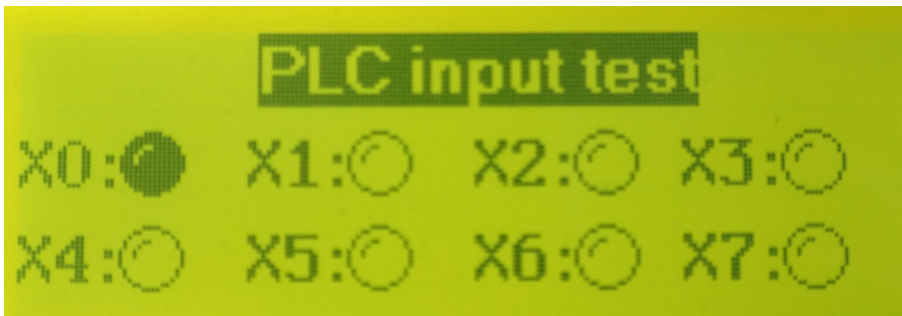
You can switch between the additional screens with the Up and Down buttons.

The next screen shows the program data.



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The following screens are for diagnostic purposes.



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## Using the Paperfox CLR-5 rewinder

The roll to be unwound must be placed in the machine according to the figure on page 3. The paper core should be pulled onto the unwinding shaft, which has fixing elements suitable for receiving 3" cores, but other sizes of cores can also be placed on the machine.



Raise the feed roller equipped with a length gauge and pass the rewinding material under it. When the edge of the material to be wound is in the line of the rail that helps cutting, reset the length gauge by pressing the F2 key. (The roll counter can also be reset with the F1 key)





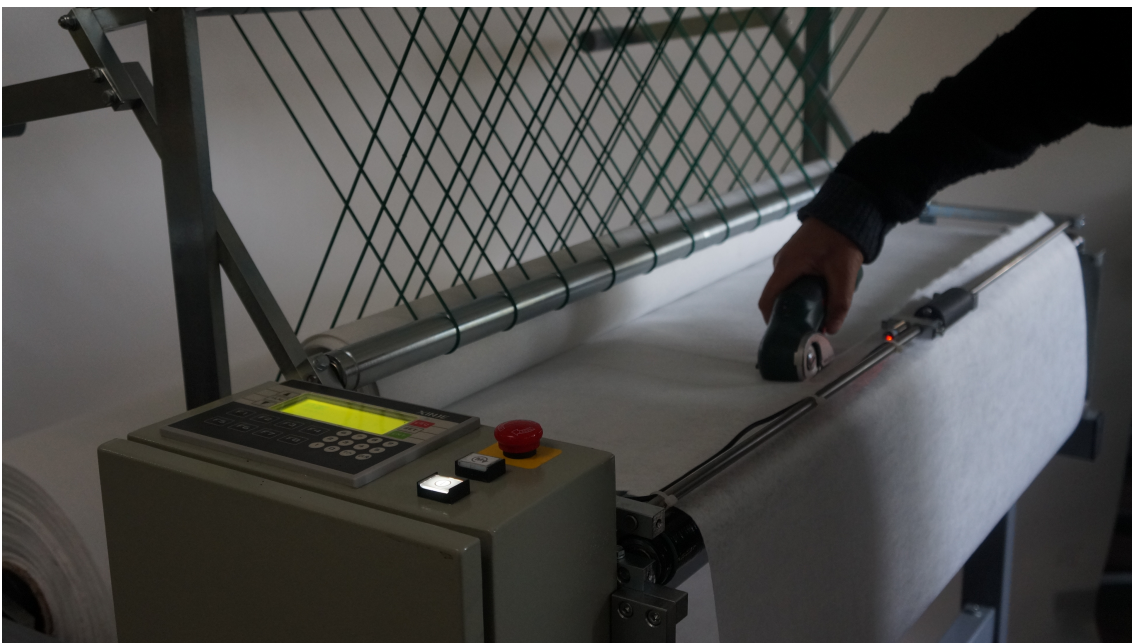
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By continuously pressing the motor start button, the roll material can be inserted in to the unwinding unit. The insertion in to the unwinding unit usually also requires manual assistance. After unwinding some material, then the rewinding continues even after the start button is released.

After the set length has been rolled over, the transmission stops automatically, and the material can be cut with a knife next to the guide rail.



If the material is difficult to cut, you can use scissors, v. circular cutter as well.





## Declaration of conformity

We the manufacturer

Fürcht Zoltán ev. (Trademark: "Paperfox")  
H-2142 Nagytarcsa, Ganz Ábrahám u. 3/7.  
[www.paperfox.eu](http://www.paperfox.eu)  
+36 30 948-2491

Declare that the product

Kind of product: Áttekerceselő  
Type of product: Paperfox CLR-5

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, 24.04.2022

**Fürcht Zoltán e.v.**  
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Fürcht Zoltán