
PAPERFOX TD-1

Tape Applicator Head

Operation manual

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Short description

The Paperfox TD-1 programmable Tape Applicator head can stick max. 20 mm wide double sided self adhesive tape, on paper or other sheet material. This machine is used in several Paperfox machines, but it is also possible to use it on individual machines or machine lines.

Parameters

Size:	500 x 450 x 50mm
Weight:	3,8 kg
Controll voltage:	24V DC
Power consumption:	1,8 W
Pneumatic pressure:	8 Bar
Max. tape width:	20mm
Manufacturer:	www.paperfox.eu

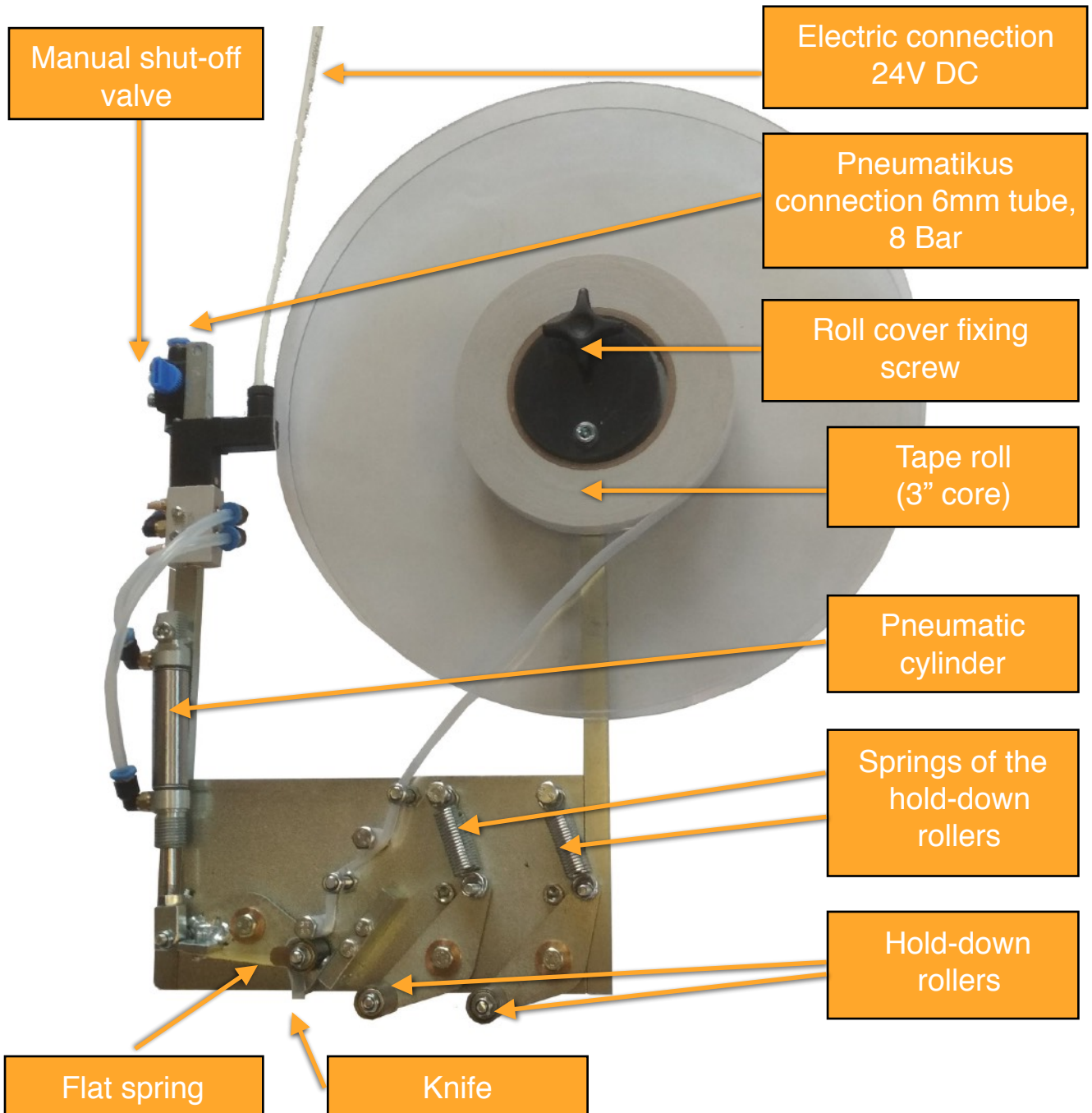
Safety instructions

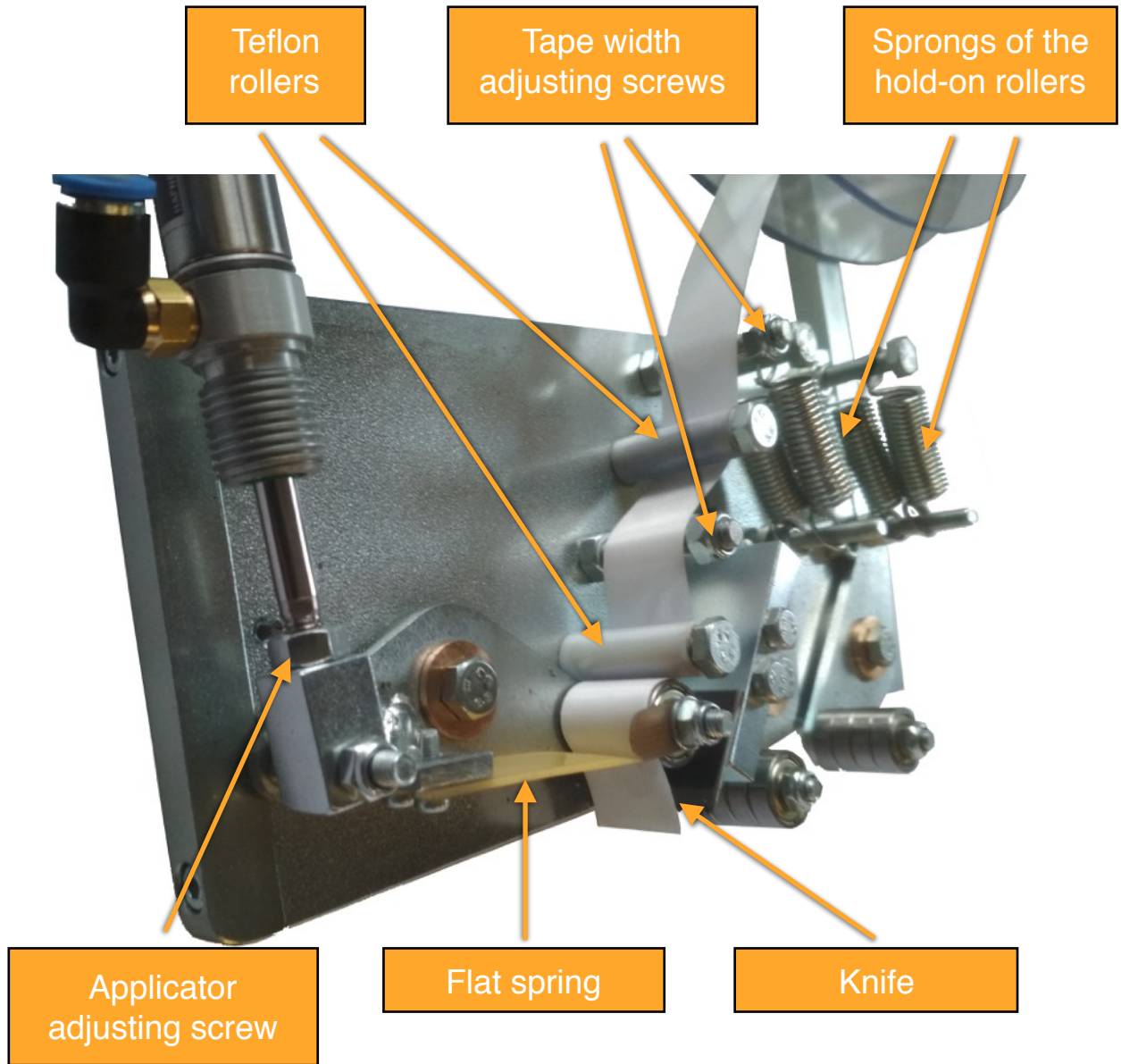
Before using the TD-1 programmable adhesive tape applicator, read the instruction manual for accident prevention and trouble-free operation.

- Paperfox TD-1 can not be used by people who have not read and understood the instruction manual completely.
- The device contains a sharp knife that can cause injury. Handle the device carefully.
- The device can not be used for explosive applications v. wet environment.
- Ensure proper illumination when using the unit.
- Repair should only be carried out by trained personnel with original parts.

The parts of the TD-1 tape applicator head

This description is about the basic configuration. Specific requirements are also taken into account during manufacture, so the actual configuration may differ from those described here.





Setting and using the TD-1 applicator head

The TD-1 applicator head uses 3 "(76mm) inner core size and max. 30cm outer diameter rolls. The maximum tape width is 20mm. It is recommended to use easy to tear adhesive tapes, because with strong adhesive tapes made of plastic film, operation may be instabile. The adhesive tape should be placed into the head as shown. The adhesive side of the tape should roll on teflon rolls, which will not stick to it. When changing the roll, it is advisable to close the manual shut-off valve.

It is advisable to adjust the tape width adjusting screws to the width of the adhesive tape, otherwise the position of the tape in side direction may be uncertain.

The compressed air required for operation can be connected with a 6mm outer diameter plastic tube.

The electrical control is carried out with 24V DC. When the voltage is applied, the TD-1 starts to apply the tape, when switched off then the applicator roller is lifted, the knife cuts the adhesive tape.

The sheet with the tape forwarded through rollers. For thinner, easily to tear tapes, the use of 1-1 springs is sufficient, the more rigid tapes require 2-2 springs.

In the Paperfox machines, the applicator heads are fixed to the machine as shown in the figure. A special a spacer provides the perpendicularity.

In other machines you can fix the heads in different ways as well.

