

# **Paperfox H-1 Cylinder cutting machine**

**Operational manual  
V 1.1-en**



# H-1 Cylinder cutting machine

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## Warning

- a) The Cylinder cutting machine may be utilized only in a closed room (office, shop).
- b) Prior to the machine utilization, definitely read all instructions.
- c) To reduce the risk of injury, an inspection shall be essential, if the product utilized in the vicinity of children.

## Parameters

Dimensions: (L x W x H)	88 x 100 x 120 cm
Weight:	66 kg
Max. working width:	70 cm
Table size:	74 x70 cm
Distance between cylinders:	40..90 mm (Adjustable)
Distance between table and top cylinder:	20..70 mm (Adjustable)
Manufacturer:	Paperfox H-2142 Nagytarcsa, Tessedik S. u. 48.

## Cutting capacity

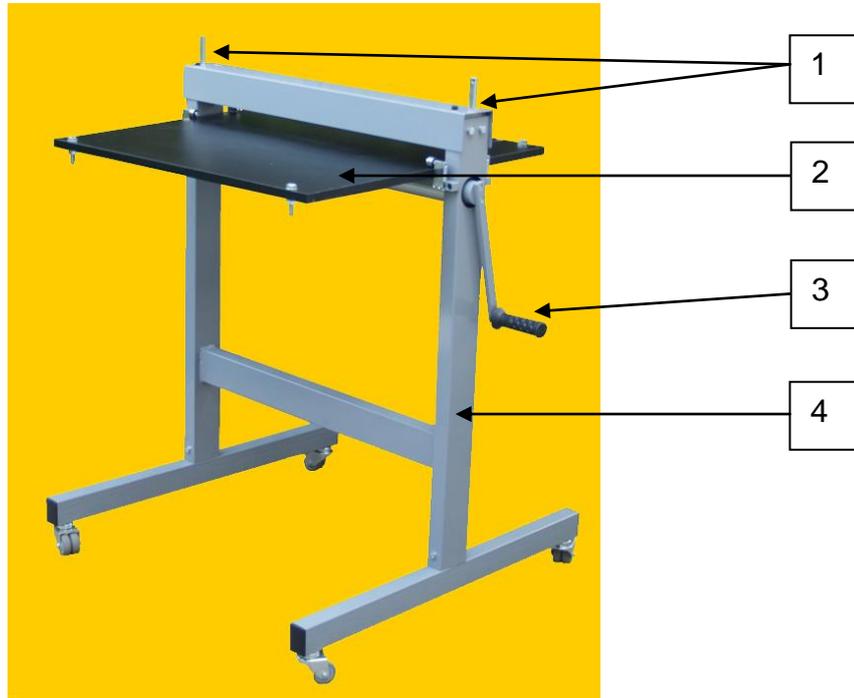
The Paperfox H-1 cylinder cutting machine is designed only for cutting sheet material specified in parameters.

- You can cut simple shapes (for example a single circle or a rectangle) from card up to 1000 g/m<sup>2</sup> paper weight.
- More complicated shapes (for example 10 visit cards) can be cut from up to 250 g/m<sup>2</sup> laminated cards.
- A very complicate shape (for example a puzzle from 300 g/m<sup>2</sup> card with more than 60 pieces) needs such a big cutting pressure which can't be cut with this simple machine.
- Corrugated paper usually can be cut easily with this machine.
- There are lot of different materials (plastic foils, leather, composite materials, and textile) which can be cut with this cylinder cutting machine but they should test individually if the machine can cut them or not.

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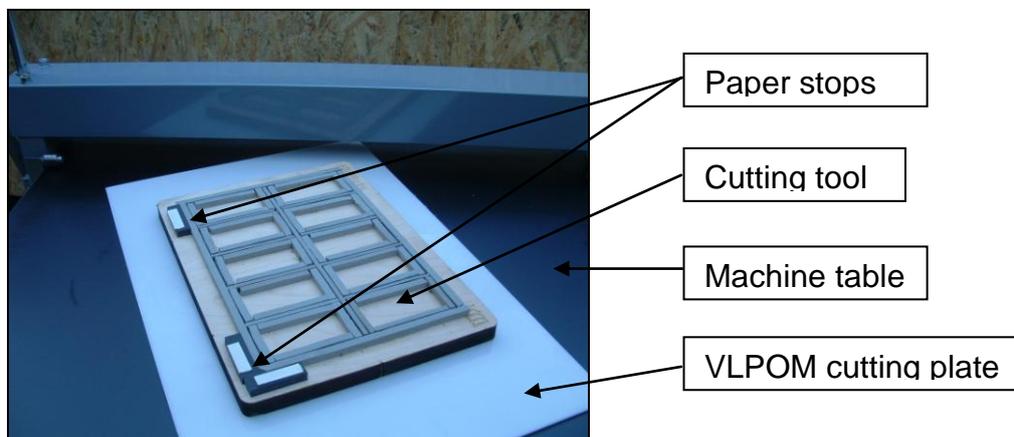
## Machine parts



1. Cylinder setting screws. You can set the height of the top cylinder by turning these screws. Top cylinder cover. The top cylinder is above this cover.
2. Machine table.
3. Handle
4. Machine frame

## Usage of the Paperfox H-1 cylinder cutting machine

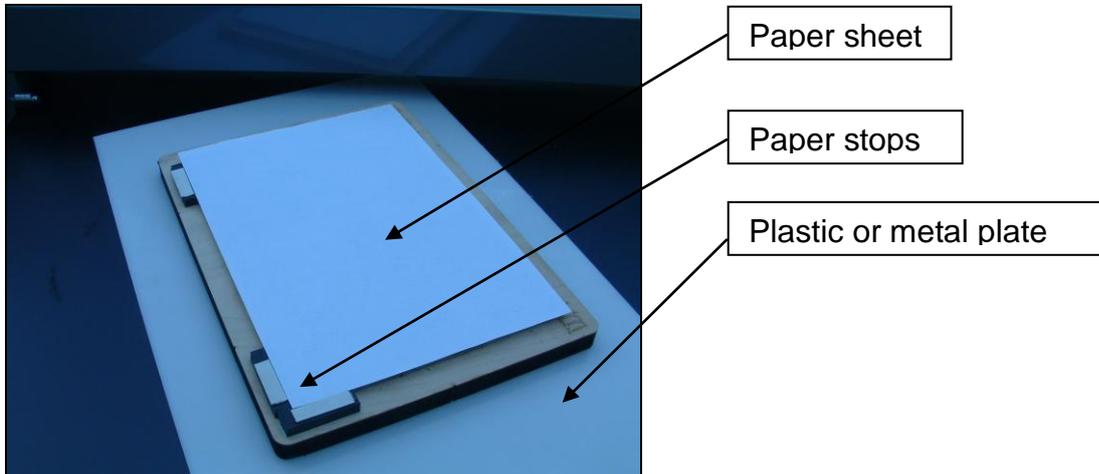
Place a VLPOM cutting plate or another hard plastic or metal plate on the machine table. Put the cutting tool on the cutting plate with the cutting edges up. This plate protects the soft machine table from be hurt by the back side of the cutting lines.



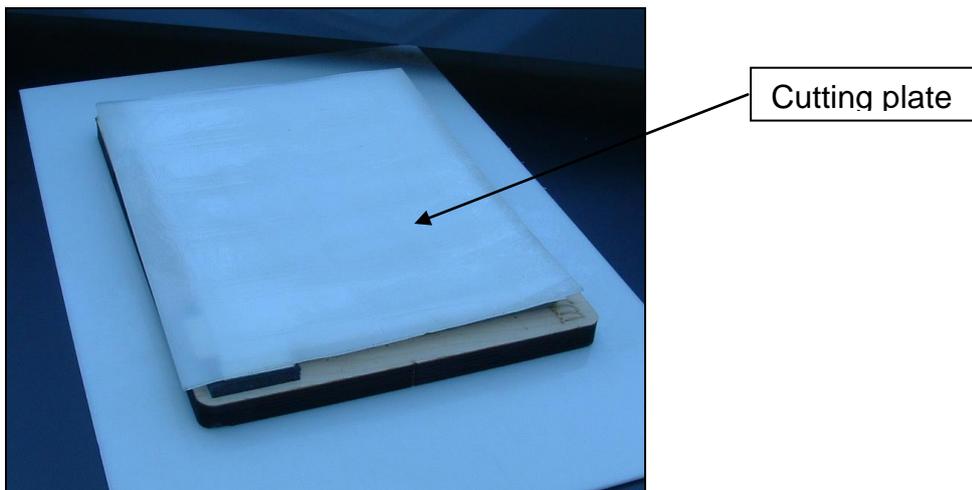
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If the tool has parallel lines with the cylinder the **place the tool angled on the table**. In this way you can avoid the unnecessary stress in the machine which occurs when the machine has to cut a long line at once. You can stick paper stops to the tool to position the sheet to cut. Stick a piece of card on soft foam like on the picture.



Place a VLPOM cutting plate on the sheet which you want to cut.



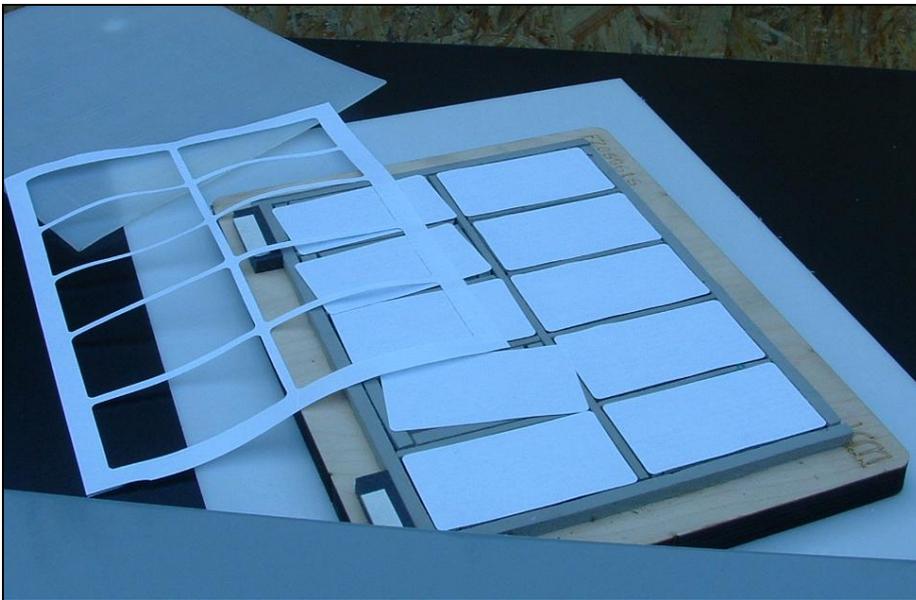
Now you can set the optimal height of the cylinder. Lift up the cylinder with the cylinder setting screws so that the tool with the plates could pass under the cylinder without touching it. Then move the cylinder down so that it touches the cutting plate.

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Test the cutting result and in small steps increase the cutting pressure with the setting screws until the machine cuts the whole shape perfectly.



You can use the machine for cutting in both directions, but you can achieve better accuracy if you use it always in the same direction.