



# Operating Manual

Issue No. 3  
No. of sheets 8



## Paper Folding Machine CFM 600

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## 1. INSTALATION AND OPERATION INFORMATION

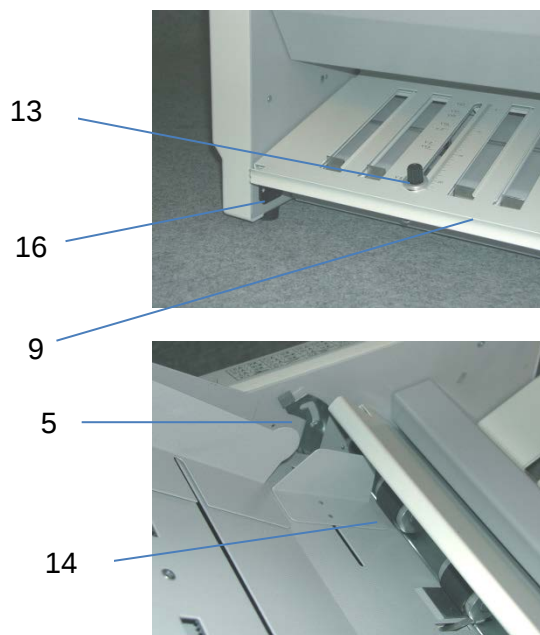
- a) The folder is designed only for folding paper specified in parameters.
- b) It is forbidden to fold foils, sheets and similar materials.
- c) The machine may be utilized only in a closed room (office, shop).
- d) It is forbidden to utilize the machine outdoors.
- e) It is forbidden to utilize the machine with damaged feeding cord.
- f) It is forbidden to utilize the machine, if unusual sounds are heard.
- g) It is forbidden to operate the machine under a voltage different from the voltage specified on the type label.
- h) Prior to the machine utilization, definitely read all instructions.
- i) To reduce the risk of injury, an inspection shall be essential, if the product utilized in the vicinity of children.
- j) It is forbidden to insert fingers or hands to the product after the feeding cord connecting.
- k) If the machine blocked, it shall be first necessary to disconnect the machine from the mains supply, and then remove the cause of blocking.
- l) It is forbidden to replace faulty fuse by another type, or by a fuse with different power

## 2. TECHNICAL PARAMETERS

|    |                     |                                                                                                                                  |
|----|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| a) | Folding speed       | 70 - 120 listů / min. $\pm$ 15 % (A4)                                                                                            |
| b) | Types of folds      | standard letter<br>concertina<br>single<br>double parallel (<160 g/m <sup>2</sup> )<br>brochure<br>half concertina               |
| c) | Sheet size          | A3 , (B4), A4 , (B5), A5 .                                                                                                       |
| d) | Input capacity      | 200 sheets (80 g/m <sup>2</sup> )                                                                                                |
| e) | Machine dimensions  | Working position:    l = 770 mm<br>w = 445 mm<br>h = 490 mm<br><br>Transport position:    l = 435 mm<br>w = 445 mm<br>š = 350 mm |
| f) | Paper grammage      | 80 - 160 g / m <sup>2</sup>                                                                                                      |
| g) | Machine weight      | 23 kg                                                                                                                            |
| h) | Voltage / frequency | 230 V / 50 Hz                                                                                                                    |
| i) | Electric input      | 50 W                                                                                                                             |
| j) | Electric current    | 520 mA $\pm$ 15 %                                                                                                                |

### 3. MACHINE DESCRIPTION

- 1 start/stop button
- 2 speed control button
- 3 feeding tray
- 4 tilting board
- 5 feeding board arrestment lever
- 6 light bulb control
- 7 delivery drawer
- 8 stop X
- 9 stop Y
- 10 ruler
- 11 side guides
- 12 front cover
- 13 arrestment button
- 14 feeding wheel
- 15 table of folds
- 16 main switch socket



## 4. OPERATING INSTRUCTIONS

### 4.1 Automatic paper feeding

Insert the feeding board arrestment lever **5** into its lower position. Feed the paper on the tilting board **4** – being tilted away at the moment, placing it between side guides **11** which are set approximately to the required paper width.

Then push the side guides towards the paper. Release the arrestment lever, which allows the feeding board to lift up the stack of paper underneath the feeding wheel **14**.

Turn on the machine with using the power switch **16**. If the machine is ready to work the red LED **6** shines continuously. If the LED light is blinking, either the stops are in incorrect position, or there is a paper missing on the feeding tray:

- a) LED blinks 1 x – incorrect position of stop X
- b) LED blinks 2 x – incorrect position of stop Y
- c) LED blinks 3 x – missing paper on feeding tray

In case paper jams in the machine, the motor turns off automatically and LED light starts blinking intermittently 4 x. In such case it is necessary to remove the paper from the machine and restart it – to turn it off and on again.

After pressing the “start/stop” button **1**, the paper will be fed automatically from the pile of paper and folded into the waste box. The folding speed is regulated by the button of control speed **2**. When the last sheet leaves the machine, the machine turns off automatically.

### 4.2 Stops adjustment, fold type setting

Types of folds



Each type of paper folding requires the precise setting of the sheet stop rider **13** at the X and Y stops, following the information in the table of folding options **15**. ‘Single’ folding requires that the Y stop is inserted in the machine in the opposite way. After of the stops the machine turns off automatically.



The Y stop turned 180° for 1/2 fold

## **5. TROUBLESHOOTING**

Paper jams in the machine: Both stops must be removed from the machine and the sheet must be removed so that the rollers can turn over spontaneously.

LED light is blinking: the stops are in incorrect position or there is a paper missing on the feeding tray, or the paper got stuck in the machine

## **6. MACHINE DISPOSAL**

When the lifespan expires, it is forbidden to dispose of the machine into the common waste. The machine must be disassembled and metallic, non-metallic, plastic, rubber and electronic parts sorted. These parts are disposed of in the relevant points of recycling. Some parts of the machine can contain dangerous substances that are harmful to the environment and health.