

FOLDING MACHINE CFM 600

OPERATING MANUAL

04/2013

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1) WARNING

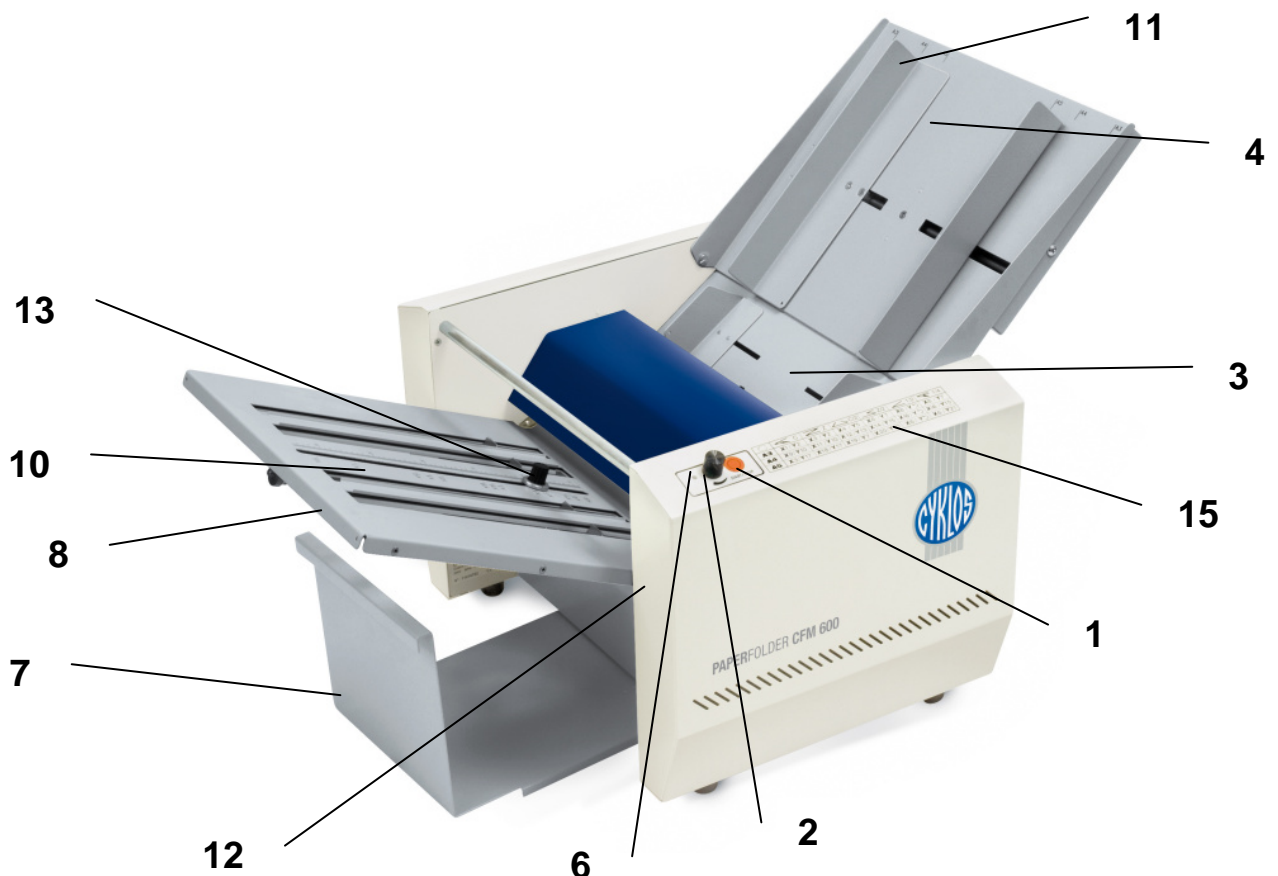
- a) The folder is designed only for folding paper specified in parameters.
- b) It is forbidden to fold foils, sheets and similar materials.
- c) The machine may be utilized only in a closed room (office, shop).
- d) It is forbidden to utilize the machine outdoors.
- e) It is forbidden to utilize the 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) Parameters

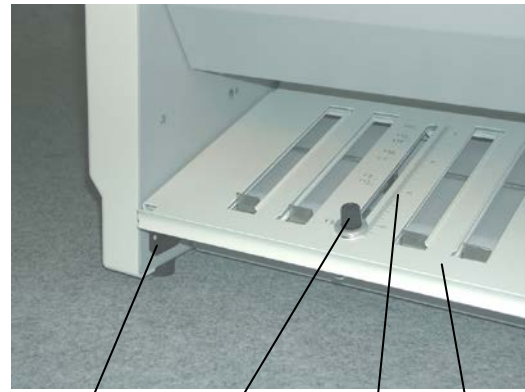
a)	folding speed	-	70 - 120 sheets/min. \pm 15 % (A4)
b)	types of folding	-	standard letter concertina single double parallel brochure half concertina
c)	sheet size	-	A3 , (B4), A4 , (B5), A5
d)	input capacity	-	200 sheets (80 g/m ²)
e)	built-up area	-	working area: l = 770 mm w = 445 mm h = 500 mm
			transport position: l = 345 mm w = 445 mm h = 350 mm
f)	paper grammage	-	80 - 160 g / m ²
g)	weight	-	23 kg
h)	voltage / frequency	-	230 V / 50 Hz
i)	electric input	-	50W
j)	electric current	-	520 m A \pm 15 %

3) Machine description

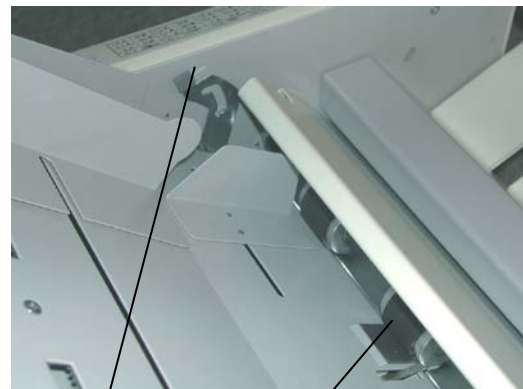
The folding machine is designed to fold paper whose properties meet the parameters given herein. For the markings of the machine's main parts, see the picture.



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



16 13 10 9



5 14

4) Operation mode - automatic paper feeding

Insert the feeding board arrestment lever **5** into its lower position. Feed the paper on the tilting **3** board – 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 red LED **6** shines discontinuously, stops X **8** and Y **9** aren't in right position or there isn't any paper on the feeding table **4**. In such case is necessary to load some paper on the feeding table **4** or put stops Y **8** and X **9** to the right position.

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. When the last sheet leaves the machine, the machine turns off automatically.

5) Methods of folding and control of stops

Pictures of individual types of folding



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 picture of a machine within a turning of Y stop

6) Removal of faults

Paper crumpling 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.

7) Dismantling of covers

Covers can be dismantled only by a qualified person, and only after the machine has been disconnected from the mains supply.

8) Machine disposal

When the machine's service life is fulfilled, the machine is dismantled and its parts sorted as follows: metal, non-metal parts, plastic, rubber and electric parts. These parts are then returned to their respective collecting points for recycling. Some parts of the equipment may contain dangerous substances to environment or human health.