



FLAKING MACHINE TYPE CURL I

TECHNICAL DESCRIPTION

FUNCTION

To flake chocolate blocks to different thickness of flakes with the possibility to produce perfect curled flakes (like cigarettes).

Capacity simultaneously two blocks.

Production level: 6 to 13 minutes for 10 kg of chocolate, depending on thickness of the flakes.

Consistency in quality. Easy and safe to operate and transport.

SPECIAL REQUIREMENTS

Standard for blocks of 2.5 kg and 5.0 kg, because of adaptable opening (left, right and on top) of:

	<u>minimum</u>	<u>maximum</u>
Height	60 mm	82 mm
Width	200 mm	270 mm
Length	50 mm	450 mm

Adaptations to bigger/smaller sizes on request.

Please note that with self-made blocks of chocolate, non-uniform blocks will cause a faster wear of the machine, that is not covered by the guarantee.

Always preheat the chocolate blocs to at least room temperature and constant through out the bloc.

MECHANICAL

1. Stainless steel construction, also the frame.
2. Machine equipped with four castors.
3. Cylinder knife with 6 knives which flakes directly at the blocks themselves, by means of a rotating (driving) movement.
4. Different blades are available, to produce flakes of different lengths (different notches). A length of 7 to 8 cm is standard. Also shorter lengths are possible (i.e. 4 cm or 2 cm) though the shape will alter. One type of knife of choice is standard delivered.
5. The reassembling of a knife is very easy by taking out the whole cylinder with its axle out of the motor reductor.
6. Drive slide through a ball screw spindle with flange screw nut and running in bearings in aluminium guides to resist the powerful radial forces.
7. Features two drawers for the collection of flakes

ELECTRICAL

8. Standard made 220 V 1 ph 50 Hz or 220 V 3 ph 60 Hz.
9. Flake thickness adjustable (potentiometer).
10. Completely automatic, with standard automatic and accelerated return.
11. Separate motor for drive and knife. The speed of both motors can be regulated by 2 potentiometers so that the push speed (thickness of the flakes) as well as the knife speed (curl level) can be adjusted. In this way the ideal thickness and shape of the desired flake can be stipulated.
12. Inbuilt security on knife. When the transparent cover is lifted, the knife can't rotate.
13. With a main switch and emergence stop valve.

MEASURES

L: 970 MM, B: 500 MM, H: 1160 MM, 85 KG, weight separate knives: +/- 4 kg.