

Wafer Cutting Machine “WC3” Series



Better by Design...

High Capacity ✦ Quality Cuts ✦ Easy Cleaning

WAFER CUTTING MACHINE (WC3 SERIES)

These machine take over the cooled-down wafer blocks coming from the cooling device or creaming machine and cut them into required number of blocks. These are used for cutting flat and Hollow Wafers filled with cream. In the cutting operation the first cut is made through the width of the stack, and the second cut is a longitudinal one. Fixed and tensioned cutting wires in removable frames are used to cut the wafers. These are designed for high capacity plants. Changeover to other cutting sizes is facilitated by quickly and easily changing the cutting frames and pushers.

This is a new series of wafer cutting machine which is more effective and more efficient with a pneumatic pressing unit. This helps the wafer line to work more smoother and reduces the operator's effort.

OPERATION OF THE WC3 MACHINE

A number of wafer blocks having together a height of about 70mm are put between pressing piece and cutting frame of the first table and lightly pressed to the pressing piece as well as to the striking point. It is necessary that the block lie at the striking point if both sides of the block are to be cut evenly. If after the first cut, it shows that the two waste strips are not equally wide, this can be corrected by adjusting the striking point. During practical operations it has shown that the width of the waste strip should be about 5mm, which is absolutely necessary if the entire block is to be cut cleanly.

Now it must be decided whether one wishes to work with non-automatic or automatic operation. The difference between these two possibilities consists in the fact that, in case of non-automatic operation, the button must be pushed for each individual cutting procedure. Whilst in case of automatic operation the second sliding carriage switches on the first sliding carriage to new movement as soon as it returns to the initial position.

WC3 MACHINE

This machine is attached with a pneumatic pusher. The wafer books coming from the Book Cooler are fed to the cutting machine through intermediate conveyor where in first the pneumatic pusher allows the wafer book to feed them at first cut and simultaneously a gentle press is applied. A gentle press is required for the stacked wafer books at the process of cutting.



TECHNICAL DATA :

Machine Variables	WC3A	WC3B
Size of the plate (in mm apprx)	290X460	350X470
Stack height (in mm)	70	70
Minimum cutting width (in mm)	16	16
Cutting Wire (spring steel)(in mm)	0.5	0.5
Connected load (in Kw)	1.5	1.5

For pneumatic pusher air supply is required upto 5-7 kg/cm²

Dimensions (in mm)		
Length	1700	1700
Width	1600	1600
Height	1200	1200
Net Weight (in kgs) (apprx)	310	310
Shipping Volume(CBM)	4	4

*Modifications Reserved

We are constantly guided by our principle of offering our customers better and better machines; to give increased efficiency and higher levels of automation. The technical data and illustrations are subject to change without notice

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