

Ultrasonic food cutting systems

Ultrasonic Bench Top Cutter - Rotary



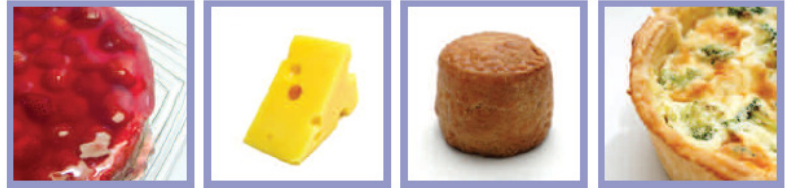
This economically-priced batch portioning ultrasonic cutter is capable of slicing round products into variable portion quantities. Built to the same high standards as our more complex machines, this bench top cutter utilises stainless steel and other food grade materials throughout. The cabinet is enclosed by stainless steel and polycarbonate panels for both safety protection and to keep noise emissions to a minimum. Designed for ease of use, the ultrasonic bench top cutter is both simple to operate and quick and easy to clean.

Products are portioned on removable cutting boards made from FDA approved materials. This eases the handling of product when placing into and removing from the machine. Location guides ensure that the product board is placed in the correct position within the machine.

Pneumatically operated doors ensure that the only manual operation required is the loading and unloading of product. Variable cut quantities can be selected using the operator touch screen, which is conveniently located close to the loading area. The portion sizes are controlled by rotating the product via a concealed drive mechanism.

Available with a frame to create a free-standing machine.

Newtech ltd stoke mill, mill road, sharnbrook, Bedfordshire, mk44 1np
t: +44 (0) 1234 783680 f: +44 (0) 1234 782093
sales@newtech-ltd.co.uk www.newtech-ltd.co.uk



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Possible Applications

The batch portioning rotary machine is particularly suitable for the portioning of round products such as gateaux, cheeses, quiches, pizzas and pastries into programmable portion quantities.

Machine Specifications

Dimensions	Height x Width x Depth 1160mm x 600mm x 790mm
Weight	100kg approx
Electrical connection	16A 230V AC
Air connection	80 psi 6 bar compressed air
Cuts per minute	Up to 80 cuts per minute dependent on product height and portion size
Maximum product dimensions	320mm diameter 150mm high
Construction	Stainless steel frame and chassis with polycarbonate guard Electrical / electronic components housed within the rear mounted stainless steel panel – IP65 rated
	Omron PLC and user friendly monochrome touch screen
	20kHz ultrasonic generator
	20kHz stainless steel transducer and booster 20kHz titanium sonotrode
	Pulley drive rotary bed driven by Smart step 2 servo Pneumatically operated guided cutting head with configurable cut height
	Engineer functions include diagnostics, manual mode, password protection and system settings
	Low noise emissions (within current legislation guidelines)
	Manual loading and offloading by operator
	Variable angular rotation (for number of portions) controllable via touch screen
	Cutting speed and height pre-configured for optimum cutting efficiency
	Low maintenance, quick and easy to clean down
Slice	No
Stack	No
Rotary portion	Yes
Shingle	No
Optional extras	Additional product boards Stainless steel frame to create a free-standing machine offering a loading height of 900+/- 50mm. Available with levelling feet or locking castors.

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