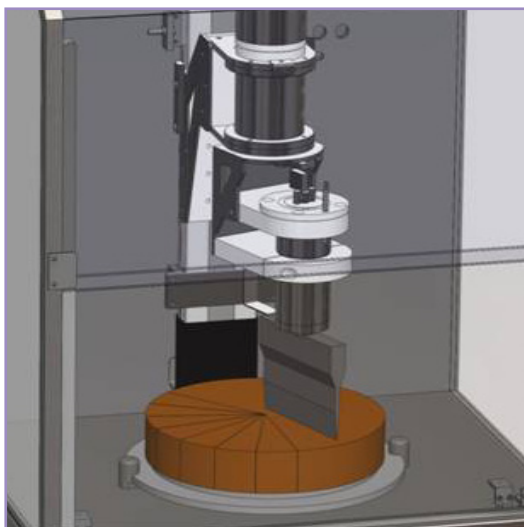


proSONIC cutter



The proSONIC rotary machine is capable of cutting round products into variable portion quantities. This portable, hygienic cabinet model uses stainless steel and food grade materials throughout.

Enclosed by polycarbonate panels for safety protection and reduced noise emissions, this batch portioning rotary cutter is easy to use, extremely reliable and quick and easy to clean. An automatic pneumatic loading door facilitates the production process. Variable cut quantity, speed and amplitude can be selected via the operator touch screen.

The proSONIC is used where highly accurate portion control is required. Using a pre-weighscale, maximum yield and minimum giveaway are available as a result of precision control, the power of ultrasonic cutting and the intelligence of the machine software. Incorporating an innovative orbital rotary radius cutter, a variable number of portions is possible, determined by the target portion weight and the weight of the uncut product. Working within the limits of the average weight system, yield is high and giveaway reduced to a minimum.

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Possible applications

The proSONIC is ideally suited to products that need accurate portion control. This is primarily in the cheese industry, but

may be used elsewhere where flexible portioning is a requirement - such as sweet and savoury bakery.

Machine specifications

	proSONIC rotary cutter
Dimensions (h x w x d)	1600 x 800 x 800
Weight	150kg approx
Electrical connection	16A 230V AC
Air connection	80 psi 6 bar compressed air
Cuts per minute	Up to 100 cuts per minute dependent on product
Maximum product size	320mm diameter
Construction	Stainless steel frame and chassis with polycarbonate guard
Cabinet	Electrical/electronic components housed within the lower stainless steel panels - IP65 rated
Control system	PLC and user friendly monochrome touch screen
Cutting head	20kHz titanium sonotrode
Product drive	Pneumatic driven rotary loading. Stepper motor product drive
Cutting head control	Smart step servo
Operator interface	Engineer functions include diagnostics, manual mode, password protection and system settings
Product loading	Manual loading and offloading by operator
Portion configuration	Variable angular rotation (for number of portions) controllable via touch screen
Machine mobility	Levelling feet or castors
Cutting height and speed	Variable
Slice	No
Stack	No
Rotary portion	Yes
Shingle	No
Product centraliser	Yes
Pre-weigh	Yes
Orbital radius cut	Yes
Top drive gripper	No

Typical arrangement

