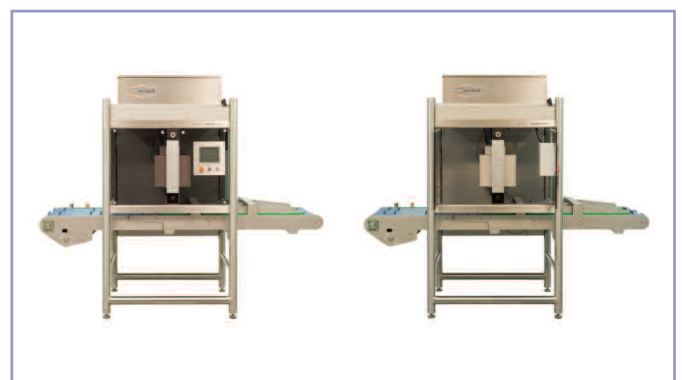
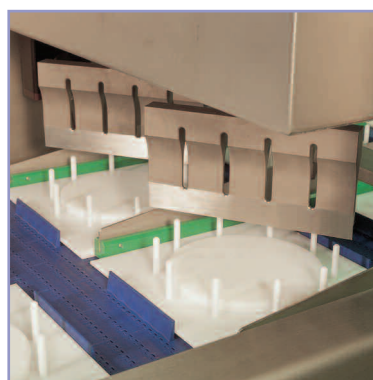
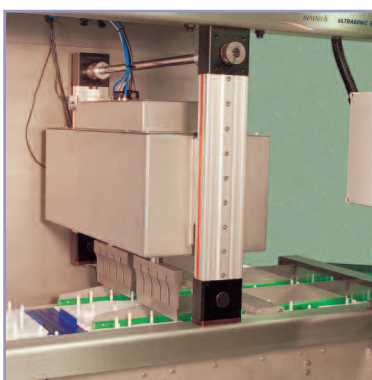


ultrasonic food cutting systems

In-Line Rotary Portioner Single or Twin Lane

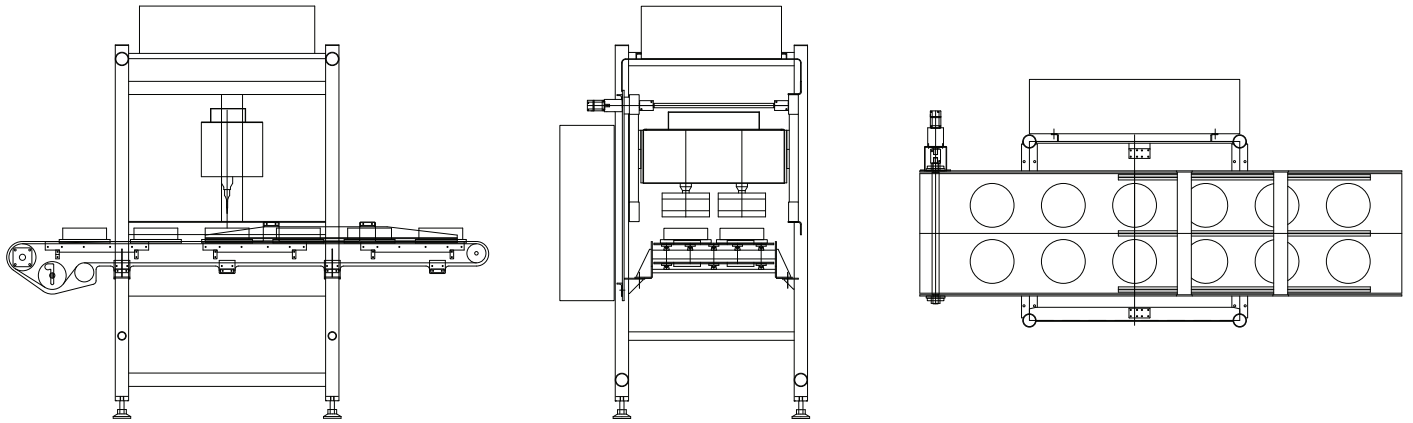


The in-line rotary portioner provides an automatic in-line cutting solution for round or slab products into variable portion sizes. The machine is built around a robust stainless steel tubular frame and substantial base plate, allowing all components to be mounted for optimum cleanliness and functionality. The servo driven conveyor utilises a plastic modular belt for ultimate hygiene and ease of maintenance. Product is placed onto the appropriate carrier (base board) and indexed to the cut station. A servo driven rotary Ultrasonic cutting head is used to provide a precise and extremely clean cut to the desired number of portions, whilst maintaining the centre of the product.

In-Line Rotary Portioner Single or Twin Lane

Possible Application

This model is particularly suitable for the cutting of round or slab products such as cheese, pate and pastries into variable portion sizes. Numerous cut configurations can be achieved on slab products by combining the rotary cut action with the servo infeed conveyor. Loading and offloading is normally manual, utilising base boards to suit the required cut configuration, but can be integrated with a robotic loading and unloading system. The equipment can also be linked to other processing or packaging equipment.



Dimensions	Height 2200mm, Width 3000mm, Depth 1750mm
Weight	750kg
Electrical Connection	16A 415V AC
Air Connection	80psi 6 bar compressed air
Cuts per minute	Up to 80 per minute, per lane, dependent on product height and type
Construction	Stainless steel tubular frame and base
	Electrical/electronic components housed within the rear mounted stainless steel panel - IP65 rated
	Omron PLC and user friendly Omron colour touch screen
	20Khz 1000W/2200W ultrasonic generator
	20Khz stainless steel transducer and booster
	20Khz titanium sonatrode in a variety of designs and sizes to suit applications
	600mm wide servo driven product conveyor. Conveyor fitted with moulded locations and registration heads. Fitted with blue USDA approved belt
	Servo driven rotary heads (+/- 180 degrees)
	Variable angular rotation for flexibility of portion types
	Servo driven cutting head with Origa linear guide system
	Variable amplitude control
	Independant lane portion control
	Manual loading and offloading by operator
	Engineer functions include diagnostics, manual mode, password protection and system settings. All machine settings with help text
	Variable cutting speed and height
	Low maintenance, quick and easy clean down
Slice	No
Stack	No
Portion	Yes
Shingle	No
Optional Extras	Laser Scanning
	Pre-scale weighing
	Check weighing
	Pick and place (Robotic handling)
	Additional conveyors

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