

Original SR 2 BiTurbo

Precise cuts up to 3,000 kg/h
With new grating function

www.original-ruehle.de



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This semi-automatic machine has a high cutting rate and produces up to 3,000 kg of cubes, strips or portions per hour. This performance is due to the large shaft and fast operating speed as well as (and especially) to time-saving features that prevent idle cuts.

Push-button loading

A lift accepts a trolley loaded with a stack of bins and automatically delivers one bin after another onto the belt at operating height. As one bin empties, it takes only the touch of a button to bring up the next one. This saves substantial time and energy.



Shaft compacting

The shaft is filled prior to cutting. The product is fed into the shaft and pushed down while being gently compacted from all sides. Once the shaft is closed, a finely adjustable pre-compacting function presses the plunger against the product and gently forms it into a cutting block. The result is perfectly shaped cubes.



10 second changeover

Open the door, remove the grid, insert the next grid and continue cutting at a different size. You won't find any faster or easier method. The easy handling enables the operator to cut something quickly. No need to remove the cutting knife, and all grid components can be safely stowed inside the tool magazine.



Versatile grids

One grid consists of up to three parts that can quickly be combined to form additional grid sizes. It is possible to produce 13 different cutting sizes with one grid frame and 7 grid halves. The grids are mounted on wheel bearings, which makes for smooth running parts. Off-cuts left at the end of the cutting process can easily be removed.



Standard trolley level discharge conveyor belt

The end product passes under the watchful eye of the operator at the proper working height. The space under the discharge conveyor belt is large enough to fit any size bin or a 200-lt standard trolley. No more carrying of bins around. Assembly and cleaning are easy tasks.



Sophisticated blade

If the serrated blade was pulled out straight, the knife would double in length. Consequently, half the movement is sufficient to achieve perfectly cut results. Less movement means less friction. This in turn means less heat and a more accurately cut product.



Original SR 2 BiTurbo summary

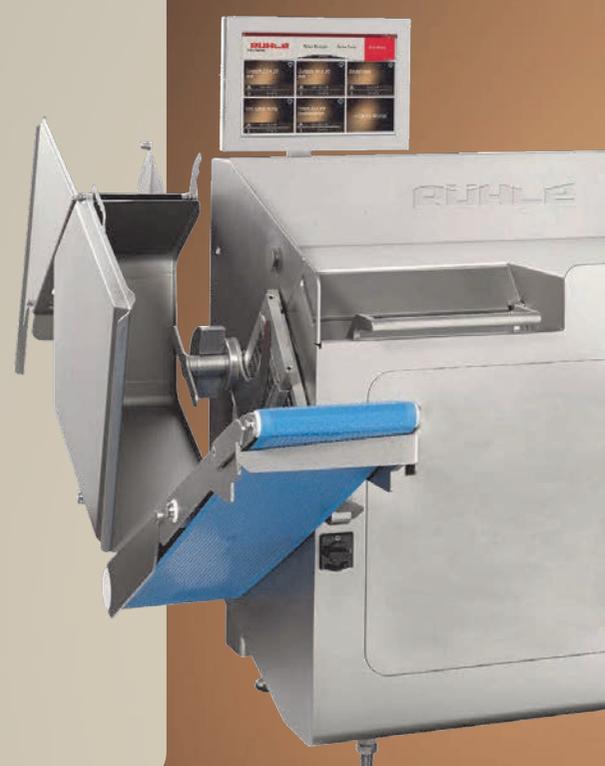
Equipment

Touch-PC control	✓
Serrated knives	✓
Vertical knife	
Fold-away workspace	
Angular beam	
Angled shaft	✓
Lateral pre-compacting	✓
Stabilisers for sliced goods	✓
Tool magazine	
Pressure-sensitive pre-compacting	✓
Multiplex-grid on roller bearings	✓
Stepless feed adjustment 1-32	✓
Mechanical drive system	
Hydraulic pressure system	✓
Lift for Eurobins	✓
Automatic lifting system	
Single-foot undercarriage	
Garage for standard trolleys	

Technical specifications

Machine height	1.300 mm
Machine length	1.550 mm
Machine width	900 - 1.400 mm
Machine weight	700 kg
Connected load	400 V, 2,1 kW, 16 A
Performance	max. 3.000 kg
Height of shaft	120 mm
Length of shaft	500 mm
Width of shaft	120 mm
Section length	0,5 - 32 mm
Sections	160/320 p/min
Cutting temperature	-5°C - +80°C
Standard grid sizes	5, 10, 20, 60 / 6, 12, 24, 60 / 7, 15, 30, 60

Accessories



 Cubes, strips and slices can be cut in various sizes. Note that strips of 5 mm³ achieve an hourly throughput of 100 kg whereas cubes sized 30 mm³ have a throughput up to 900 kg.

 It is possible to cut all types of fish in this machine at temperatures beginning with -3°C. The machine is also able to cut thick fish bones without damaging the cut product. The gentle cutting method protects cooked fish from falling apart.

 Deli salads are a rapidly growing market that offers an even larger variety of products. Beef salad, sausage salad or potato salad are products that are possible with this machine along with many others. The Original SR 2 BiTurbo can cut virtually any product.

 Delicate cheeses like feta or mozzarella are cut carefully to avoid crumbling the cubes. In contrast, hard cheeses are sharply and systematically cut to ensure that all the cubes look exactly the same. Cheese is grated in nearly no time with the new grating disk.

 The barbecue season and party catering both demand specific sizes to ensure identical cooking and roasting times. In addition to cubes and strips, the machine cuts entire schnitzels, steaks and roulades.

 A wide range of special grids are available and suited to particular cutting tasks, whether that be slicing bananas, cutting triangle-shaped pineapple bits or fashioning extremely hard tropical fruit into tiny cubes. Even dried fruit can be cut under certain conditions.

 Very hard vegetables like celery, carrots and raw potatoes are a particular challenge for the machine. Cutting them makes special demands on the grid technology and feed mechanism. However, the machine's gentle processing techniques handles even cooked, easily damaged vegetables in just the ideal way.

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