

RÜHLE

Echte Originale.

Original MPR 220

Space-saving mixing, tumbling and marinating

www.original-ruehle.de



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With a footprint the size of a Euro pallet, the Original MPR 220 has a 220 l container and can hold approximately 160 kg of mixing product. It is perfectly equipped for tasks from cooling to vacuum treatment to variable arm speeds for achieving perfect mixtures. The secret of this success is in its control technology.

Mixing and kneading

The container can be tilted to different angles. The large-diameter container enables good rolling of the mixing product. The rotational speed of the mixing arm ranges from 1 to 50 rpm. An arm with a large working surface, but no edges or angles, does the rest.



Perfect scraping

The outer contour of the mixing arm is designed for gentle handling and processing of delicate products. A rotating scraper keeps all container surfaces perfectly clean. Everything remains within the mixture, and nothing is left unprocessed.



Flexible programming

Twelve parameters are easily accessible at any stages. Recipes can be created intuitively, and everyday tasks are easily facilitated by a smaller control interface. All made possible by perfect software and reliable hardware.



Accurate machine positioning

A combination of semi-automatic container lid and fully automatic container tilting mean that the mixing program can change the container position on its own. The result is process intensity that is perfectly adapted to the product mix. These automatic aids make filling and draining very easy.



Precise temperature control

The powerful cooling unit inserts the coolant directly into the perfectly insulated container. This enables very fast temperature regulation and very precise adaptation to all temperature requirements. Optionally, the cooling unit can also be run as a pump and supply heat up to 80°C.

Complete and easy emptying

There is so much space under the processing container that Euro tote bins of any size can be stacked there. Even a 200 l standard trolley can fit comfortably. The container can be tilted and the lid opened without any spillage. Finally, the simultaneous-rotating scraper arm ensures complete emptying of the container.



Original MPR 220 summary

Equipment

| | |
|-----------------------------------|---|
| Touch-PC control | |
| Tablet control | ✓ |
| 100% container insulation | ✓ |
| Motorised lid | ✓ |
| Swivel-locking lid | ✓ |
| Container swivelling | ✓ |
| Direct cooling system | ✓ |
| Stainless steel air canal, cooled | ✓ |
| Sterilisation system (90%) | ✓ |
| Feed system | |
| Counter-rotating mixing arm | |
| Bayonet arm attachment | ✓ |
| Quick arm fastening | |
| Scraper, click assembling | |
| Scraper, pressure assembling | ✓ |

Technical specifications

| | |
|--------------------|-------------------|
| Machine height | 1.700 - 2.100 mm |
| Machine length | 800 - 1.000 mm |
| Machine width | 1.200 mm |
| Machine weight | 700 kg |
| Connected load | 400 V, 3 kW, 16 A |
| Filling capacity | 160 kg |
| Container size | 220 lt |
| Coolant | R 404 |
| Undercarriage | 4 castors |
| Variable arm drive | 0 - 50 rpm |
| High-vacuum system | 0 - 95 % |



Accessories



 Schnitzel and steaks are very delicate and fall apart easily. Consequently, mixing and marinating must be very gentle. The Original MPR 220 provides gentle but effective marinating. In addition, vacuum cooling has a tumbling effect on the meat. The marinade is evenly distributed, making the meat juicy and tender.

 Whether wet or dry marinade, fish filets or cubes, marinade and spices are evenly distributed. The mixing arms handle the delicate pieces of fish very gently and prevent them from damaging each other. The vacuum cooling enables more efficient mixing. And much less seasoning goes to waste.

 Fine deli salads require even distribution throughout an entire batch. Delicate ingredients must be treated thoroughly yet gently. The Original MPR 220 does both tasks perfectly for any conceivable salad. Insofar as the mixing process only takes a few minutes, loading is achieved within seconds.

 For ready-made muesli, the correct distribution of the ingredients is very important. Ingredients that differ in weight and size must be distributed in such a way that the consumer encounters the same consistency in every spoonful. The Original MPR 220 achieves this in only a few minutes with consistently good results and under ideally hygienic conditions.

 The uniform distribution of seasoning reduces its use. 50% of the amount of seasoning usually required can be saved in one mixing cycle of the Original MPR 220. Knotted spaghetti, the hard-to-reach interior of penne and the sticky consistency of risotto are no problem at all. In the Original MPR 220, spices and marinades are distributed their way everywhere.

 Whether in fruit salad or punch, fruit always presents a very difficult mixing task. Fruit is very sensitive to pressure. And depending on shape and weight of the pieces, response to mixing varies. For this reason, the gentle mixing arm allows the fruit to roll rather than moving it as such. Consequently, uniform distribution is achieved without damaging the fruit.

 Vegetables are extremely sensitive. Seasoning broccoli or cauliflower florets in particular poses a tremendous challenge. But even these mixing tasks can be done perfectly by the Original MPR 220, without damage, through simultaneous uniform seasoning. The scraping/mixing technique prevents pockets of overseasoning.

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