

# Original MPR 150

Gateway to tumbling and marinating

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**With a footprint the size of a Euro pallet, the Original MPR 150 has a 150 lt container and can hold about 110 kg of meat. It is perfectly equipped for tasks from cooling to vacuum treatment to variable arm speeds for achieving perfect results. The secret of this success is in its control technology, reflecting decades of experience.**

## Gentle yet effective tumbling

The container can be tilted to different angles. The large-diameter container enables good rolling of the tumbling 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.



## 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.



## 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.



## 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.

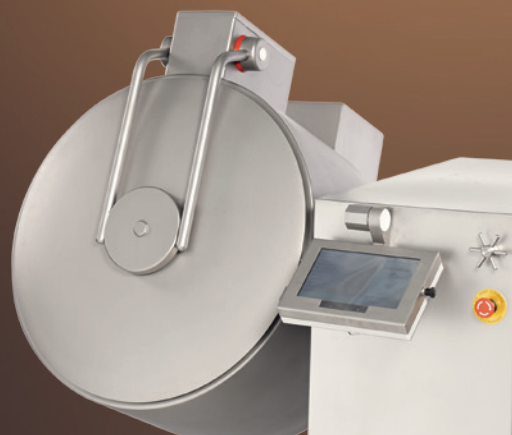


## Complete and easy emptying

There is so much space under the processing container that Euro tote bins of any size can be stacked there. Even a 200 lt 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.

## Accurate machine positioning

A combination of semi-automatic container lid and fully automatic container tilting mean that the tumbling 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.



# Original MPR 150 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     | 650 kg            |
| Connected load     | 400 V, 3 kW, 16 A |
| Filling capacity   | 110 kg            |
| Container size     | 150 lt            |
| Coolant            | R 404             |
| Undercarriage      | 4 castors         |
| Variable arm drive | 0 - 50 rpm        |
| High-vacuum system | 0 - 90 %          |



## Accessories



Plough mixing arm



Scraper arm



Double scraper arm



Standard trolley (200 lt), blue



Tumbling in an upright container with an internal rotating arm offers substantial advantages: the meat is handled gently and can be processed at very low temperatures, and there is no concern of protein loss to the container wall. The Original MPR 150 consistently delivers top-quality results regardless of the filling quantity.



Vegetables, especially leafy vegetables, require different cooking times and differ in tenderness. The veins in a white cabbage leaf, for example, are very hard and unsuitable for consumption. A brief tumbling equalizes the difference in product fibres. Good vacuum control makes hard product fibres as soft as the naturally soft ones.



Too much movement can very quickly damage fish. Consequently, satisfactory water retention with fish is very difficult to achieve since it requires a lot of movement. Ensuring ideal regulation of parameters such as temperature and air pressure can substitute for movement and, together with the gently working arm, turn fish into a juicy and delicious experience.



With party catering or in industrial kitchens, meat products are mostly pre-cooked and regenerated later. Often that's followed by long periods of sitting on the buffet table, which negatively affects the quality of the meat. A brief tumbling can turn quality loss into quality improvement.

