

Moulders

Multi-Application moulders designed and produced by **Benier**



MS 500 series

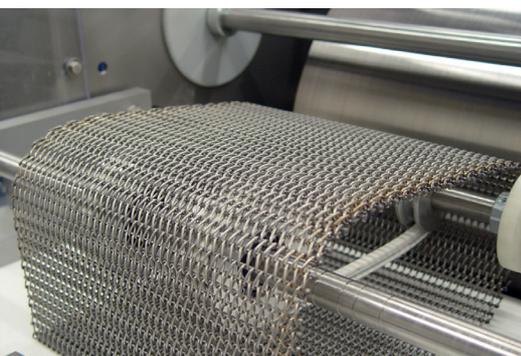
The MS500 moulding system is specially designed for dough consistencies, which have to be degassed for a fine regular internal crumb structure. White, wheat, wholewheat or all other type of flours can be processed each with their own moulding settings in order to achieve the optimum result.

Therefore we use the unique Benier drum sheeting principle. The dough sheet stays central, hardly shrinks back and can be stretched as it is pulled off the drum. The Teflon sheeting roller is spring activated, towards the end of the dough piece the pressure overcomes the smaller dough mass and the sheet becomes thinner. This reduces the thickness of the seam and allows a better presentation for free-standing and open top tin bread.

To adapt the moulding system to your requirements a lot of options are available in order to fulfill your needs.



| MS500 Series | |
|---------------|---|
| MS500-C | Compact in length |
| MS500-N | Standard with a lengthening board of 1.150 mm |
| MS500-SI | Extra long lengthening board of 1.825 mm |
| MS500-DPB | Double Pressure Board: pre-shaping before lengthening |
| MS500 Artisan | Bypass of sheeting for round breads |



Driven curling net for MS500-C



Sheeting



Pressure board



MS500 Artisan

Suitable for a wide range of products. Each type of product should be moulded to their own specifications. From regular dough consistencies with a fine crumb to pre-fermented high-hydrated dough with an open irregular internal structure.

The unique Benier drum sheeting principle of the MS500 Artisan is able to process this wide range. The diameter of the drum is smaller and the full Teflon sheeting roller has various opening gaps defining the sheet thickness.

If sheeting is not applicable (for round bread) this roller can be easily bypassed by hinging it upwards pneumatically. The curling net is equipped with a quick release function and the lengthening board is also hinged.

Changing-over from one product to the other could require different moulding units. For that reason we offer the option of a quick release function on the lengthening board and a flour duster on a swing arm.



Sheeting



Deposition valve



Specifications Moulders

| Type | Weight range (gr) | | Capacity (pcs/hr)* | | Dough pieces length (mm)** | |
|---------------|-------------------|-------|--------------------|-------|----------------------------|------|
| | min. | max. | min. | max. | min. | max. |
| MS500-C | 50 | 1.200 | 600 | 1.600 | 130 | 450 |
| MS500 | 50 | 1.200 | 600 | 2.200 | 130 | 450 |
| MS500-DPB | 50 | 1.200 | 600 | 2.500 | 130 | 450 |
| MS500-SI | 50 | 1.200 | 600 | 2.500 | 130 | 450 |
| MS500 Artisan | 50 | 1.500 | 600 | 3.000 | 130 | 450 |

* Depending on dough weight

** Depending on dough weight and final structure of end product