

## The Double Tool technology for mixing

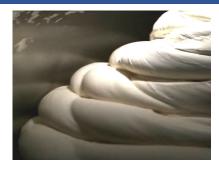




MW Line - Mixers with removable bowl



**MDW** Line - Bottom discharge Mixers







## The DOUBLE TOOL technology ensures:

- √ Shorter mixing cycle energy saving
- √ Full batch production higher productivity and ROI
- √ Higher water absorption higher yield
- **Better homogenization of ingredients better structure**
- ✓ No free water better quality of fresh and frozen products
- ✓ Lower temperature of dough ice cost saving

## Escher Mixers s.r.l.

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## **Energy Control Vs Energy Transfer**

Energy Control Wh/Kg: allows you to control the energy transmitted to the dough = ensuring constant quality of the dough

**Energy Transfer**: ability of the system to transfer energy effectively.

- The shape of the tools that collect the dough and do not cut it allows for an improvement in energy transfer efficiency, a reduction in kneading time and temperature. The kneading phase takes place both through the machine action of the tool and through the compression of the dough with itself.
- The transmission of the bowl (MW Patented) and MDW (without friction wheels) allows rotation without slipping of the bowl and therefore a constant RPM-TOOL / RPM-TANK ratio. This positive transmission of energy allows the REPLICICABILITY mix after mix and the maintenance of constant Wh/Kg.
  - Unique and compact solution for locking and motion of the bowl.
  - The trolley is locked by means of a taper shaft that, as it ascends, centres
    the bowl and moves it into the working position.
  - The hydraulically controlled cone engages under the bowl, maintains constant pressure during use and eliminates any possibility of slippage or wear.
  - The taper shaft gives rotating motion to the bowl and guarantees a constant number of bowl revolutions thereby increasing the dough quality and machine performance.
  - The motion system is noiseless and free of mechanical play.

