# BASKETMILLS



The basket mill processes products of low, medium and high viscosity at high speed, allowing the distribution of particles evenly reaching Nano metric particles.

It is a continuous batch system, whereby the whole grinding process is carried out in the same portable container, without the need to re-circulate the product. As such this allows the optimization of resources, since the mill performs the whole process automatically, only loading the variables on its touch.

#### MODELS

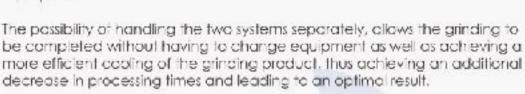
Laboratory: \* Md1 \* Ma3

- Md10 (50 to 300 litres)
- Md30 (100 to 600 litres)
- Md50 (500 to 1200 litres)

screen without the need for operational labor. Even the washing of the equipment is carried out in a few minutes, significantly reducing the cost of solvents and allowing the grinding of a product or color different from the previous batch in a simple way.

#### WHY DOLPHIN IS THE BEST MARKET BASKET MILL?

Because the milling is carried out through 2 independent systems, on the one hand the system of milling with bolts and counter meters inside the basket where the zirconium pearls are, and covered by a chamber where water circulates and cools the product; and on the other a system of agitation with a propeller.





#### **ADVANTAGES**

Optimum grinding speed.

Easy washing for product change.

Reach uniform nano metric particles.

Perform the whole process automatically.

Greater control and optimal results by the independent system of agitation and arinding.

Post-sale service and low-cost parts.



## Lab Md1





### Dispersion and grinding with a capacity of up to 1 liter

Equipment with multiple utilities in development laboratories.

By exchanging the shaft disc, it can be used as a disperser with a dispersing disc, or as a mill with a disc of bolts and a load of zirconium oxide beads.

The portable container is made of abrasion resistant stainless steel and has a jacket that allows the product to cool down.

#### **SPECIFICATIONS**

- Asynchronous motor of 1 HP.
- Dispersing also of 50 mm, made of abrasion resistant stainless steel.
- Speed control by traquency inverter.
- Manufactured in IP55 Protection
  Efficiency Std. or High Efficiency explosive proof.
- 50 mm bolt disc, diameter.
- Adjustable base in the diameter to hold different containers.
- Manual lifting.
- Jacketed container with lid made of abrasion resistant stainless steet.

