

BASKET MILLS



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 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.

MODELS

Laboratory: * Md1

* Md3

- Md10 (50 to 300 litres)

- Md30 (100 to 600 litres)

- Md50 (500 to 1200 litres)

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.

The possibility of handling the two systems separately, allows the grinding to be completed without having to change equipment as well as achieving a more efficient cooling of the grinding product, thus achieving an additional decrease in processing times and leading to an optimal result.



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 grinding.

Post-sale service and low-cost parts.

DOLPHIN

Advanced Technology in Industrial Machines



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 disc of 50 mm, made of
abrasion resistant stainless steel.
- Speed control by frequency 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 steel.