

# 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.

## 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.



### MODELS

- Laboratory: \* Md1  
\* Md3
- Md30 (100 a 600 litres)
- Md50 (500 a 1200 litres)

## 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**  
EQUIPMENTS

Advanced Technology in Industrial Machines

# Md30



Basket mill  
for grinding lots from  
200 to 600 liters

## SPECIFICATIONS

- Bolt Rotor Motor 30 HP at 50 Hz.
- Agitation System Motor 5.5 HP at 50 Hz.
- Elevation System with plunger system and bronze guide bushing.
- Hydraulic control of 2 HP with gear pump and electro valve.
- Manufactured in IP55 Protection Efficiency Std. or High Efficiency explosive proof.
- Abrasion resistant stainless steel basket 300 mm. diameter, for 0.8-1.2 mm. zirconium beads.
- Top dome with cooling jacket by water circulation and system of fixed and mobile bolts easy replacement.
- Interchangeable agitation propeller according to the viscosity of the product.
- Control panel with touch screen from 5" to 10" according to adjustment variables with lift button and emergency stop.