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

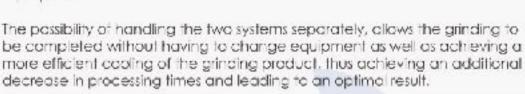
Laboratory: * Md1 * Ma3

- 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 Md3



Disperser and basket mill with a capacity of 1 to 5 liters

This integrated equipment has all the components to perform a laboratory-scale batch test.

The equipment has a head that combines at one end a disperser with a 75mm disc to pre-spread the product to be ground, and at the other end a basket mill with all the features of our plant mills. In this way, dispersions and grindings can be carried out on a pilot scale with the same equipment. The lifting system of the head is electric, with reducer motor system.

The portable container is made of abrasion resistant stainless steel and has a volcable cooling jacket with a capacity of up to 5 liters.

All the components of the equipment are controlled by a PLC with touch screen with the adjustment variables of the head in use, either the disperser or the mill.

SPECIFICATIONS

Dispersing head: - Asynchronous motor of 3 HP.

75 mm, dispersing disc made of abrasion resistant stainless steel.

Speed control by frequency inverter.

Grinding head: 80 mm, diameter basket with slot from 0.25 to 0.5 mm.

3 HP asynchronous grinding motor.

Bolt system.

 80 mm diameter agitation impeller with interchangeable agitation propeller.

Asynchronous agitation motor of 0.5 HP.

- Thermocouple Temperature control.

Control system: - Electronic individual speed motor control of disperser, basket and stirring.

- PLC with 5" touch screen.

Lifting system operated by contactors.

 Manufactured in IPSS Protection Efficiency Std. or High Efficiency explosive proof.

