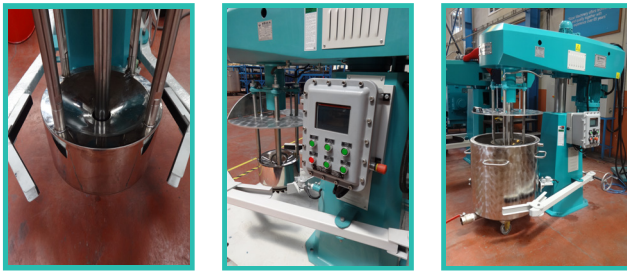


2.1. SBM SERIES BASKET-MILL MACHINES

AREAS OF USE

They are widely used in the production of industrial paints, automotive repair paints, marine paints, leather paints, wood varnishes, various coatings, printing inks, screen printing inks, ceramic products, herbal pesticides, wax based materials and pigment and colorants where wet milling is required.



STANDARD SPECIFICATIONS

The milling basket with a superior wet milling feature used in the machine is designed to ensure a high milling efficiency of the product. Thanks to its high-efficiency product flow, the disc, which acts as a pump, which is located under the milling basket and contributes to dispersion, has the ability to complete the operation effectively in a short time. Both the milling basket and the jacket of the vessel provide effective temperature control. All surfaces in contact with product are made of stainless steel. The milling beads in the basket play a huge role in this machine. It has a variable-speed adjustment with the frequency inverter technology. Aside from the ability to move up and down over their body with the electro-hydraulic system, they have the ability to mill at the desired height. There are cooling motors that are adapted to the main electric motor, allowing long-term operation at low speeds. Time-adjusted milling and temperature measuring system are standard.

OPTIONAL SPECIFICATIONS

Mobile and automatic vacuum system, ex-proof design in ATEX Zone 1 EEX DIIb T4 standards, load-cell weighing system, recipe controlled semi-automatic or fully automatic PC/PLC control system are optional.

Machine Type	SBM 10-L	SBM 100-I	SBM 300-I	SBM 500-I	SBM 1-I	SBM 2-I
Main Engine Power (Kw)	1,5 - 3	11 - 22	15 - 22	22 - 37	37 - 75	55 - 90
Milling Speed (rpm)	0-3000	0-1500	0-1500	0-1500	0-1000	0-1000
Total Volume (Lt)	10	100	300	500	1000	2000
Efficient Volume (Lt)	2 - 8	20 - 80	60 - 240	100 400	200 - 800	400 - 1600