



SFC-50 Series
CLEAN TYPE

SUPER FLOATER

High Speed Floating Mixer

Three-Dimensional Motion

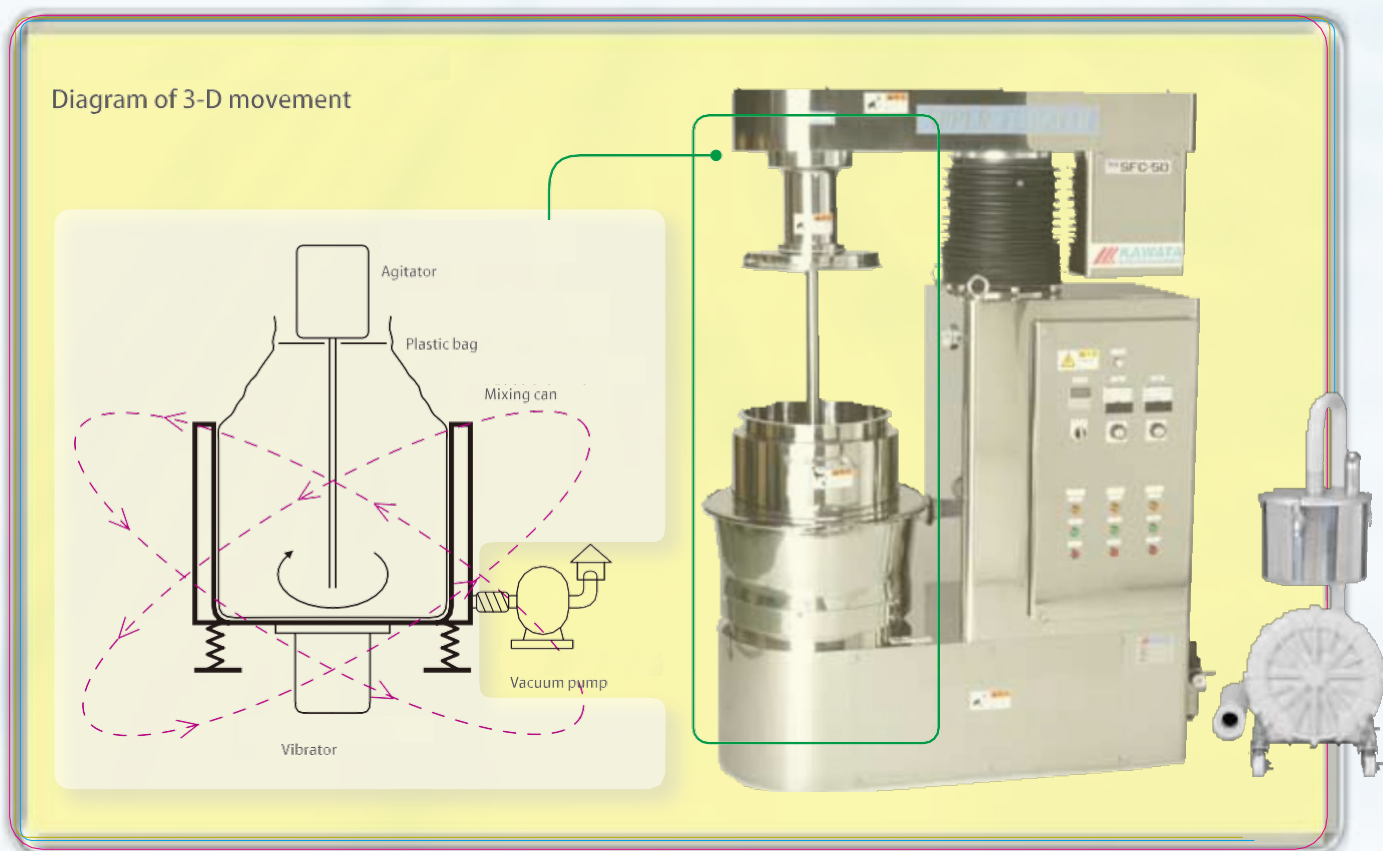
Energy Efficient Mixer

Mixing in Plastic Bag



An energy-saving mixer, capable of stable and high precision Mixing of powders, granules and fluids.

The Super Floater is the world's first mixer based on new principles, and has accurately captured the trends of the future. The 3-dimensional motion of the mixing vessel (can), which allows both the fluidization and flotation of material, reduces the density inside the vessel, and the movements of the agitator are added under this reduced agitation resistance. These principles make highly precise batch mixing possible.



Applications

Chemicals	Mixing and granulation of powders and fluids of pharmaceuticals (fine granules, granules for tablet making and capsules, herb medicines) and chemicals
Foodstuffs	Mixing and coloring of additives, instant soups, fats and oils, powdered drinks

Features

1

Energy savings [decrease by 70%]

Compared with agitating material in a stationary vessel, vibrating the mixing vessel itself saves about 70% of agitation blade energy.
In other words, the same agitation effects can be achieved with 1/3rd the energy of conventional mixers

3

No washing required [mixing inside the bag]

Various materials, even if there is a large difference in gravity, can be mixed easily with much higher accuracy compared to conventional mixers.
Thorough material mixing in a plastic bag completely prevents abrasion of the mixing vessel.

2

Various Usages [for powders, granules, fluids]

Mixed material in a plastic bag is put into the mixing vessel for mixing work, and upon completion, the bag with material inside is taken out of the vessel.
This keeps dust from scattering and eliminates the need to wash the vessel when changing formulas.

4

Equipment saving [replacement cans]

3 sizes (10, 20 and 50L) of mixing vessels (cans) per unit are available for replacement, which eliminates the need for additional units and simplifies lot changes.

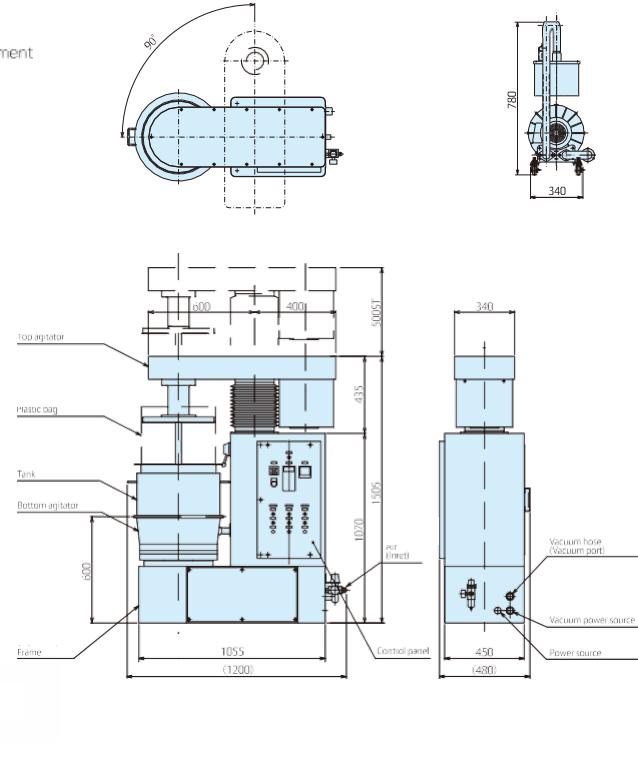
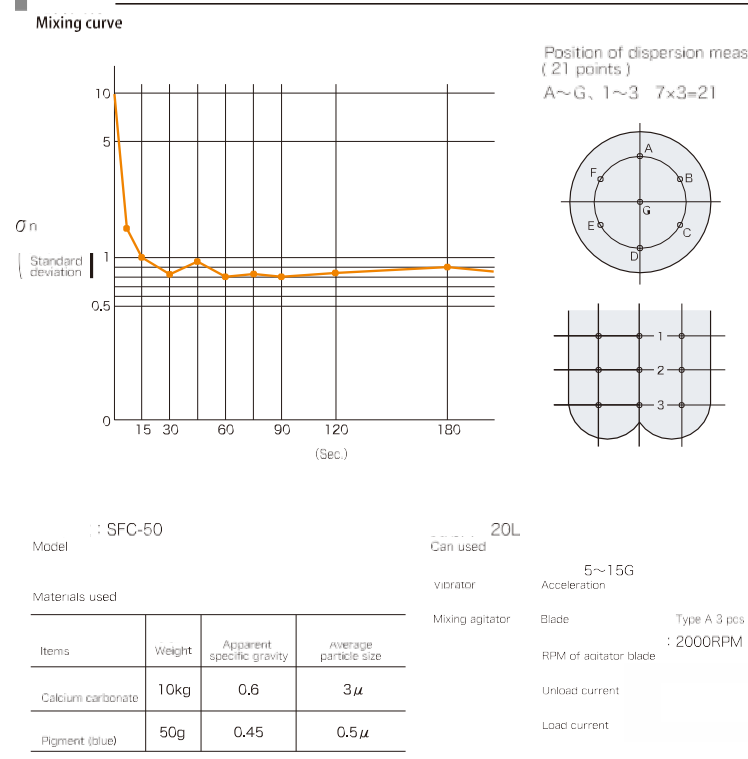
Cosmetics	Uniform mixing of powders as well as fats and oils
Plastics	Dispersion and wetting of fillers, stabilizers, lubricants and pigments
Others	Mixing of high density hydrophobicity, ceramic, alumina, carbon, semiconductors, catalysts, glass, toner, etc.

Specifications

Model	Bottom Agitator	Top Agitator	Vacuum Pump	Mixing Vessel (Can)	Material of Can	Power Demand	Air Capacity	Machine Weight	Installation Space
SFC-50	0.4kW Inverter type	1.5kW Inverter type	1.3/1.9kW (50/60Hz)	10, 20, 50 20L	SUS304	3 phase AC200V 50Hz, AC200/220V 60Hz 3.2/3.8kW (50/60Hz) 30AT	60L/min (ANR) (0.69MPa)	本体 400kg Body パキユームポンプ 45kg Vacuum pump	1m ²

Test data

Dimensions



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