

SED-20SH-E High Speed Small Three-Dimensional Food Dry Powder Mixer Machine



This machine is suitable for mixing dry-powder material of pharmaceutical, chemical and food industries. It is used in mixing evenly and quickly between different proportion and fineness of materials. The working principles when the machine is in operation.

Because of the running actions of the mixing tank in multi direction, the now and derision of the various kinds of materials are sped up in the process of mixing.

At the same time, the phenomenon is avoided that the congregation and segregation of the material in gravity ratio caning due to the centrifugal force in the normal mixer and extremely good effect can be obtained. Series Multi directional Movement Mixer consists of the base, driving system.

Electric control system, multi-directional, movement mechanism and mixing tank. The mixing tank to be in contact with the materials is made of quality stainless steel, with both inside and outside of the tank mirror polished. Because the nixing tank performs a multi directional movement, there are many points of mixing with a good effect of mixing.

The uniformity of the mixing iceberg than that of the normal mixer. The shape of the mixing tank is reasonably designed with no death corner and both the inside and outside polished. The discharge of materials is free with no accumulation. It is easy to clean. The materials are mixed in an enclosed state. With no contamination to the working environment and materials.

Application

The machine is widely used in the mixing of dry powder in the pharmaceutical, chemical, food and other industries. It can also mix several materials which are with different specific gravity and different particle sizes quickly and evenly.

The machine uses the unique triangular swing and translational rotation principle to produce a strong alternating pulse motion, which continuously pushes the mixture material. The vortex generated by it has a varying energy gradient, which can produce an excellent mixing effect. The machine has the advantages of stable operation, low noise, high loading coefficient, short mixing time, etc.

The machine is composed of a base, a frequency conversion brake motor main shaft, a rotary connecting rod and a cylinder. The loaded cylinder is driven by the driving shaft to move, which promotes the three-way compound movement of the material along the cylinder in the circumferential, radial and axial directions, so as to realize the mutual flow and diffusion of multiple materials, to achieve the purpose of high uniform mixing.

Parameter

Model	SED-20SH-E
Barrel capacity(L)	20L
Max loading weight	10KGS
Max loading volume	14L
Speed of driving shaft(r/min)	15rpm
Motor power(kw)	0.75KW
Total weight(kg)	SUS304