



# Functioning and Advantages of Double Cone Blender

With a [double cone blender](#), you may create a uniform solid combination by mixing the ingredients together in a circular motion. Mixing is a complicated step in the process of the creation of goods for a variety of businesses. Food, healthcare, chemicals, detergents, cosmetics, plastics, and fertilizers are some of the industries that fall within this category.

## The following are the primary functions of the double cone blender:

1. When mixing dry grains and powders, you may use the [double cone mixer](#) to provide a homogeneous mixture. The primary purpose of the double cone blender is to mix ingredients together.
2. It may also be used to combine different types of solid material that are not necessarily dry, as previously stated. This will be determined by the sort of [double cone blender machine](#) that you are using. Some of them are equipped with injectors that allow liquids to be added in during the blending process.
3. In order to get a suitable and homogeneous mixing, it is necessary to de-agglomerate different solid particles into smaller and finer particles.
4. It may also be used to dry the components that have been damp. In spite of the fact that you will be adding liquids, the machine will be able to guarantee that the wet components are properly dried.
5. It may also be used for wet massing, which results in the formation of granules. In addition to de-agglomerating, the machine may granulate by wet massing in the same way it de-agglomerates.

## Pharmaceutical Double Cone Blender Equipment Has a Number of Advantages

The following are some of the advantages of employing pharmaceutical blender equipment:

1. Has a visually appealing construction that is also simple to maintain and operate.
2. The operating stability is excellent, and the noise level is low;
3. When it comes to mixing practically any substance, it has a very high degree of homogeneity.
4. The butterfly valve allows you to feed the blender with suction and discharge the mixture via the blender. This will assist in lowering the quantity of dust that is released by the machine.
5. It is equipped with overload protection, which will keep the motor safe. The device also includes a tachometer, which will be used to regulate the location of the materials being discharged.
6. In the event that the materials are not fluid, a force agitator is available as an alternative.
7. Spray devices are also available, which may be used to inject tiny amounts of liquid whenever it is required.
8. There is a jacket that aids in the heating, cooling, and drying of materials, among other things.
9. It also offers the option of flameproof electrical, which you may choose if you like.
10. It is possible to mix and discharge more easily because of the cone shape on both ends.