

Powder Mixer

Description

Powder Mixer: (Powder Mixing Plants) : Capacity : 25 to 500kg

Rapid Mixer Granulator is used for wet mixing for granulation that has been enhanced application in the Pharma industries.



Wet granulation is a widely used process in the pharmaceutical industry as an important part in improving the flow properties, homogeneousness and compressibility of the solid dosage powder mix.

By adding of suitable binder wet massing is accomplished by high mechanical agitation by an impeller and chopper.

Mixing, densification, and accumulation of wetted materials are achieved through shearing and compaction forces applied by the impeller.

The impeller rotates on the horizontal shaft at a rotational speed corresponding to a radial blade tip speed and primary function of chopper is to breaks lumps into smaller fragments to achieve a more homogeneous.