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ISO 9001 : 2008 Certified

Planetary Mixer

for Tablet / Powder



200 Ltrs. Planetary Mixer ▶



◀ 200 Ltrs. Planetary Mixer

Introduction

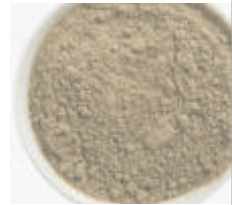
The Planetary Mixer machine is basically mixing a assembly wherein the agitation pattern is of a planetary nature. The stirrer or the agitation assembly rotates around it self as well as travels in a circle in the bowl thereby achieving intimate mixing.

Because of a special design feature of stirrer & agitation pattern, the mass is uniformly and intimately mixed.



Special Features

- Range of models to suit working volume 60,100 & 200 Liters for TABLET & POWDER section.
- All contact parts are made out of S.S.304 quality material. (SS316 provided on demand on extra cost)
- Compact design requires comparatively smaller floor space.
- Lowering and lifting movement achieved through motorized drive in 200 liters model & manual lifting system for 60 & 100 liters models. (In 60 & 100 liters models product container moving up & down manually. Motorised system can be provided on demand on extra cost, if required.) In 200 liters model product container remain fixed and mixing drives comes up and down by means of mechanical system.
- Castore wheel mounted product container for the ease of mobility.
- Single stirrer provided for dry & wet mixing.
- Planetary motion of the stirrer enables faster and better mixing of the material at a considerable lesser time.
- As stirrer is a top driven and sealing doesn't comes in contact with product, there isn't any black particle contamination problem.
- All non contact parts (general structure) made out of mild steel and claded with SS304 or chrome plated or made out of SS304 in GMP Model. Contact parts are polished to the mirror finished and non contact parts are polished to the matt finished in GMP Model. All safety guards & covers made out of SS304 material in GMP model & made out of mild steel & painted in standard model.
- General structure & all non contact parts are made out of Mild Steel & same will painted in Standard Model.
- 100 % utilisation of machine can be possible due to facility of change of extra product container.
- All moving parts are enclosed with safety guards.
- Double speed of stirrer for dry & wet mixing.
- All contact parts can be open easily, hence very easy for transportation up to washing area & cleaning.

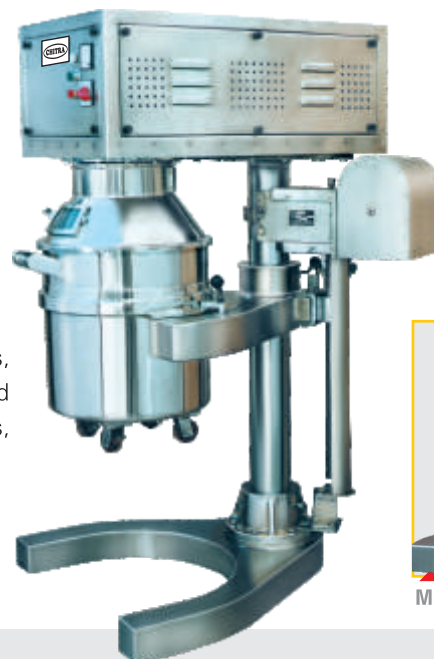


Optional

- SS316 product contact parts instead of SS304.
- Variable speed drive for mixing stirrer's motor.
- Flameproof model.
- "PLC" based operating panel for automation.
- Hydraulic lifting system instead of mechanical lifting system.

Application

Ideal for mixing of Pharmaceutical powders, ointments, creams, lotions, pastes, tooth paste, cosmetics, food and confectioneries, rubber and rubber compound, colours and pigments, PVC & plastic material, ceramics, pesticides, insecticides, adhesives, metal powder, resins etc. etc.



◀ Motorized Container Lifting



◀ Mixing Assemble

60 Ltrs. / 100 Ltrs. Planetary Mixer ▶
for Tablet / Powder

