

## OCTAGONAL BLENDER

### OPERATION:

The OCTAGONAL BLENDER is an efficient and versatile blending machine for mixing and lubrication process of dry granules homogeneously. Octagonal Blender is suitable mainly for Crystalline & Granular material.

The Octagonal Blender gives best results for granules due to very slow speed and octagon shape of container. It can be used for Pharmaceutical, Food, Chemical and Cosmetic products etc.

When the product container vessel of Octagonal Blender starts rotating, the granules start flowing due to gravitational force. Because of the octagonal shape of the product container, the granules generates cross flows as well as constantly shrinking and expanding volumes. This ensures uniform mixing hence can be run at lower RPM.

### FEATURES:

- Suitable for dry mixing of products in granule form
- Easy for loading and unloading of material
- The octagonal shape & slow speed of rotation gives sufficient continuous movement to the granules, result in good quality mix
- Simple design requires minimum maintenance
- Maximum care has been taken to ensure safe operation of the unit
- Manual rotating facility with hand wheel for inching
- Bigger size batch at low power consumption
- Space efficient – occupies least floor space compared with any other type of dry powder mixer
- The entire unit is mounted on a sturdy stand, complete with electric motor and gear box
- The machine is provided with control panel board and safety railing
- Simple design facilitates easy cleaning
- The power consumption is comparatively lower than the other similar type of blenders
- Limit switch is provided for operators safety
- manual inching arrangement
- VFD can be incorporated
- Actuator for valve can be provided

### Standard Models:

MODELS	GROSS VOLUME (IN LTRS)	WORKING VOLUME (IN LTRS)	WORKING CAPACITY (IN KGS)	MOTOR HORSEPOWER
OB – 300	300	200	150	2 HP
OB – 500	500	330	250	2 HP
OB – 750	750	500	375	3 HP
OB · 1000	1000	670	500	3 HP
OB · 1250	1250	830	625	5 HP
OB – 1500	1500	1000	750	5 HP
OB – 2000	2000	1330	1000	7.5 HP
OB – 2500	2500	1670	1250	7.5 HP
OB – 3000	3000	2000	1500	10 HP
OB – 3500	3500	2330	1750	10 HP
OB – 4000	4000	2670	2000	12.5 HP
OB – 4500	4500	3000	2250	12.5 HP
OB – 5000	5000	3330	2500	15 HP