

'V' BLENDER :**Description :**

The V Blender is an efficient and versatile blending machine for mixing and lubrication process of dry powders homogeneously. Approximate two third of the volume of the Blender is filled to ensure proper mixing. In V Blender the powders comes from all sides due to the "V" shape of the product container, hence requirement of RPM is medium. The product fed inside are processed by tumbling , inside sliding along and falling by gravity, which results in producing a perfect blend in minimum period of time. Suitable mainly for powder & granules type material. This type of material gets sufficient continuous movement. Medium movement of Blender will results in good quality of blending / lubrication of granules. It can be used for Pharmaceutical, Food, Chemical and Cosmetic products etc.

We offer "V" Blenders that are suitable for mixing of solid-solid or solid with liquid (Maximum 10%) in powder or granulated form. The mixer has a "V" shaped body held by two horizontal half shafts and bearing blocks mounted on a sturdy structure. The bottom end of the chamber posses a butterfly discharge valve. Feeding and cleaning are carried out through other two ends of the machine which are fitted with closing lids. These blenders offer homogeneous blending with low shear blending action that prevents excessive fines or changes to particle shape and size.

Salient Features:

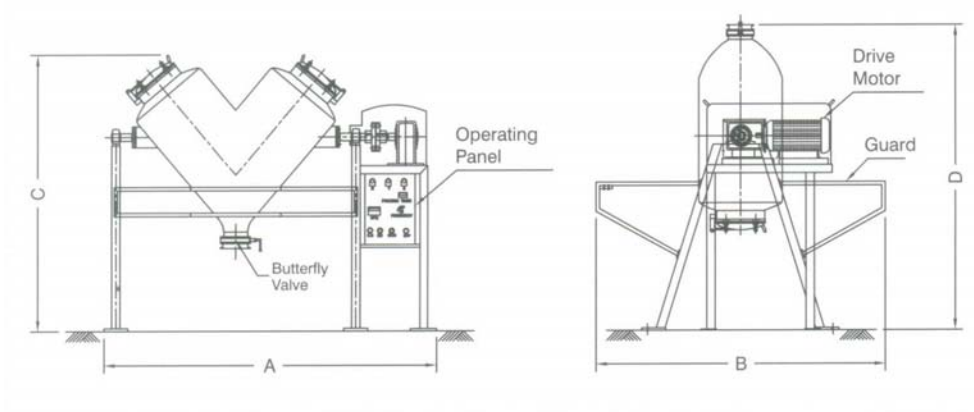
- a.. The vessel has opening at two ends with covers and outlet butterfly valve for discharge
- b.. The vessel is driven with the help of a worm reduction gearbox coupled to an electric motor
- c.. All contact parts are made of stainless steel 304 / 316
- d.. Stand can be of MS or SS clad for GMP model
- e.. All SS parts are mirror polished to mirror finish from inside and matt finish from outside
- f.. The unit is provided with a control panel board with safety railing
- g.. It allows smooth mixing without deforming the particles or a strong mixing by breaking the lumps
- h.. Automatic discharge by gravity
- i.. Material Charging Trolley (Optional)

Our range has gained appreciation for the following attributes:

- a.. Convenient cleaning, loading and unloading
- b.. Low maintenance
- c.. Low energy consumption
- d.. Simple Design

Technical Data:

OVERALL DIMENSIONS ARE IN MM (Approx)	CAPACITY IN LTRS.							
	15	150	300	500	600	1200	1500	2000
A	950	2050	2560	2600	3200	2000	3665	3000
B	950	1500	1910	200	3250	2700	2950	2000
C	725	1350	875	1800	1700	1750	1750	1350
D	150	420	570	600	700	850	900	1050
MOTOR HP	0.5	2	2	3	5	7.5	7.5	10
FINAL SPEED RPM (approx)	20	15	15	10	10	10	5	5



Note : Images Shown here are illustrative. As the design & manufacturing of Machines are subject to improvement, the product supplied will be as per our Techno-Commercial offer.