



## *Dry Powder Mixing Cone Blender BPE-1/2/3/4/5/6/7/8*



The Double Cone Blender exported by us are fabricated from best grades of raw material procured from reliable and reputed vendors and are ideal for mixing dry powder and granules homogeneously. Owing to the quality, durability and flawlessness these are widely appreciated all across the globe.

Extensively used in pharmaceutical, food, chemical and cosmetic industries these machines are ideal for:

Dry powder mixing for tablets and capsule formulations  
Dry granules sub lots mixing to increase the batch size at bulk lubrication stage of tablet granules.

### **Features**

- All the contact parts are made of stainless steel such as SS 304 or SS 316
- The effective volume for optimum homogeneity is between 35-70% of gross volume
- Capacity available 20lts.3000 Liters
- The working capacity can be exchanged to 80% of gross capacity by validated study depending on the product
- 'Slant' designed (off centre Double Cone Blender is also available.)
- The SLANT double cone design eliminates dead spots, which occasionally occur in conventional double cone mixer.
- The conical shape at both ends enables uniform mixing and easy discharge-
- Statically balanced cone helps in avoiding any excessive load on the gear box and motor
- Loaded into the cone through a wider opening, the powder can be discharged through a butterfly or slide valve
- For better mixing inside the cone paddle-type baffles can be provided on the shaft depending upon the product
- Flame proof motor can be supplied as optional

## Technical Specification

<b>MODEL</b>	<b>GROSS CAP. LITER</b>	<b>NWORKING CAP.</b>	<b>RPM</b>	<b>HP</b>
<b>BPE-1</b>	30	20	20	0.5
<b>BPE-2</b>	150	100	20	3
<b>BPE-3</b>	300	200	20	2
<b>BPE-4</b>	500	350	20	2
<b>BPE-5</b>	1000	750	20	3
<b>BPE-6</b>	1500	1000	20	5
<b>BPE-7</b>	2000	1400	20	7.5
<b>BPE-8</b>	2500	1750	20	10