

# Octagonal Blender



Ideal for mixing, lubricating and blending in Pharmaceutical, Nutraceutical, Food, Chemical, Cosmetics, Ceramics, Pesticide, Plastics and other Allied Industries



## Process :

The unique shape of Octagonal blender, a combination of octagonal and "V" shape provide to process larger volume in less space compared to similar blender like "V" and double cone blender. It can perform homogenously dry mixing of free flowing powders, granules requiring low shearing force, Mixing and Blending of particles with rapid intermixing of particles irrespective of varying specific gravities. The material is loaded into the blender drum. The octagonal blender is tumbles the material in the container and spread out. The mixing is achieved in 5 to 30 minutes with better homogeneity depending on type of material.



## Salient Features:

- cGMP model, all the contact parts from SS 316 and non contact SS 304.
- Octagonal shape product container for Ideal dry mixer for lubrication of granules and homogenization mixing of multiple batches in to single batch.
- Enclosed rigid drive with reduction gear box and motor.
- Product container having discharge with butterfly valve and man hole.
- Safety reeling provided for rotating area of product container.
- Fixed baffles provided for lumps braking.
- Electric controls panel with cycle time.

## Optional Features:

- **Charging Option:**
  1. Loading & Unloading by Product container with Jacking trolley.
  2. Vacuum conveying system.
  3. Bin loading by hydraulic hoist.
- Variable speed for product container by VFD.
- PLC Controls with HMI touch screen,
- Flame proof motor and Push Button station.
- Loading / cleaning platform.

## Technical Specification:

Model	DOB-250	DOB-500	DOB-750	DOB-1k	DOB-1.5k	DOB-2k	DOB-3k	DOB-4k
Gross Cap in Litres	250	500	750	1,000	1,500	2,000	3,000	4,000
Working Cap in Litres	175	350	500	750	1000	1400	2100	2800
RPM	15	15	15	10	10	10	8	8
HP/kW	2.0/1.5	3.0/2.25	5.0/3.75	5.0/3.75	7.5/5.62	10/7.5	10/7.5	15/11.25

For Specific & Higher Capacity please contact us for details.

## Dumra MACHINES

Parshva Industrial Park, Plot No. 25, S. No. 89/1, Near Weener Empire, New GIDC, Umbergaon - 396170, Gujarat, India.  
Tel.: (+91) 0260 2565953/2565954, Email: dumra@dumramachines.com / dumramachines@vsnl.net