PLOUGH SHEAR MIXER

Tapasya’s Plough Shear Mixer is designed for ordered heavy duty mixing of both Dry and Wet materials. The special design of shovels with broad ends and pointed tips facilitates good penetration and shuffling of the mass within. Penetration followed by agitation of the mass in quick succession of the specially designed blades results in homogeneity of powder mass both in dry and wet stages. Appropriate dough formation is reached in later process. Centrally mounted chopper will then operate to obtain wet granules of uniform size. Mixed homogeneous mass can be easily discharged from bottom of the mixing drum which is provided with a flush fit discharge port.
Features:

- Batch size based on 70% of blender volume
- Cross Contamination is completely eliminated by mounting
- Bearings on lanterns out of mixing zone
- Removable bolt arrangement of Plough Shovels providing easy accessibility to all inside parts of the mixer
- Feeding through a charging port mounted on top of the mixer
- Inspection Doors with safety interlocks
- Reduced material handling due to bottom discharge facility of processed materials
- Choppers provision as an optional feature
- Fully welded plough shovels can also be provided
- Lance type injectors for liquid spraying

Benefits For You:

- Homogenised blending for dry and wet material
- Capacity custom made to your requirements
- Specially designed to eliminate cross contamination & for easy discharge
Technical Specifications:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>GROSS CAPACITY (in Liters)</th>
<th>WORKING CAPACITY (in Liters)</th>
<th>OVERALL DIMENSIONS (in mm)</th>
<th>MOTOR HP</th>
<th>APPROX. WEIGHT (in kg)</th>
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</thead>
<tbody>
<tr>
<td>TAP-PSM-100</td>
<td>100</td>
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</table>

Customised sizes available on request
Laboratory model design available

Plough Shear Mixer used in Industries:

- Pharmaceutical
- Nutraceutical
- Food
- Chemical
- Cosmetics