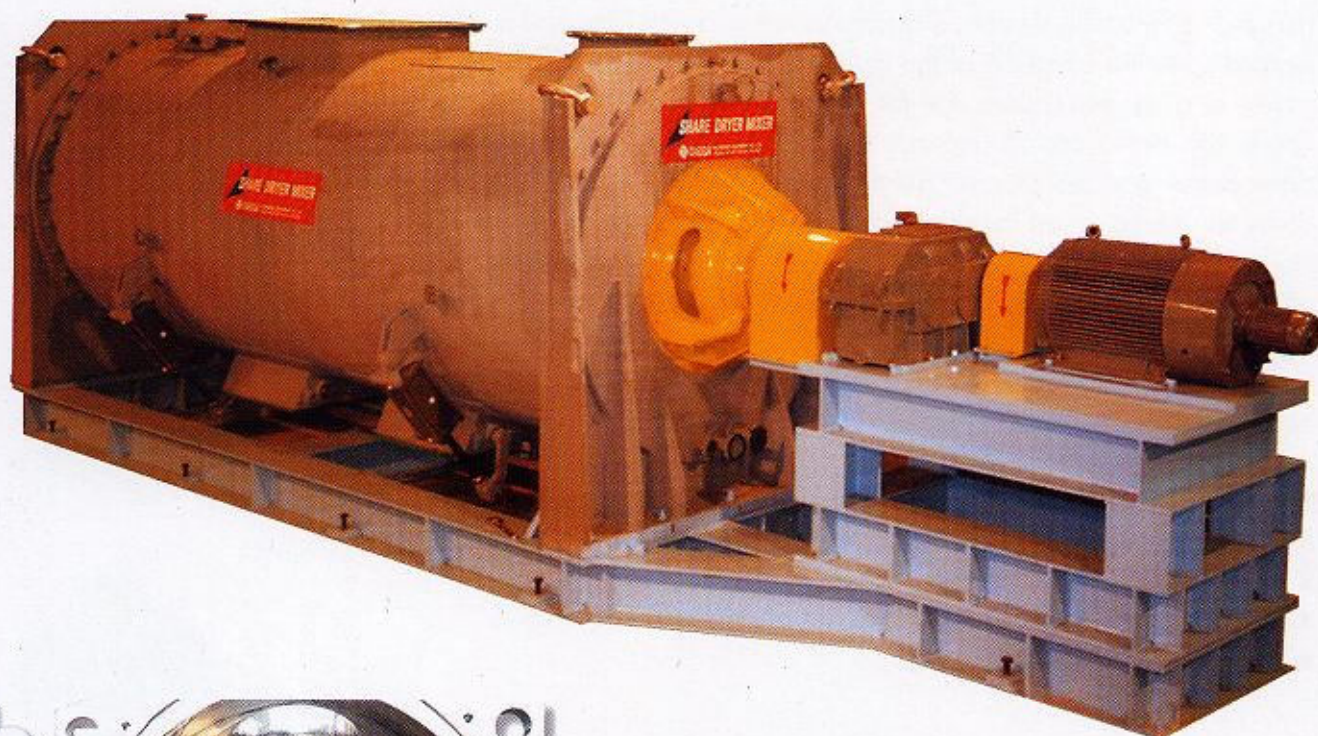


PLOUGH SHARE MIXER/DRYER



MODEL NO: DGPSM-15000



ADVANTAGES

- High mixing efficiency
- Quick mixing
- Easy and thorough cleaning
- Heating or cooling
- Surface treatment

DAEGA

INTRODUCTION

Daega shovel mixers are designed to meet the demands for precision mixing of components with a wide range of properties and characteristics. This mixer has a horizontal mixing system with a casing shaft and shovel type blades. The principle method of blending is the hurling and whirling action, and the processed material has the characteristics of "fluid bed flow".

The speed of the mixer is faster than general solid mixers, and the shovel can mix the materials with a wide range of bulk densities and particle sizes quickly and accurately.

This mixer consists of a cylindrical mixing drum, side plates, a stuffing box with bearing, a shaft with shovels, a discharge valve, a vent filter and a driving unit.

According to the condition of the material, we use choppers, a heating or cooling jacket, or a vacuum system, and for your purpose, a replaceable nozzle system.

The length of the casing depends on the size of the bearing determined by the drive power and the process technology parameters. The feeding and discharge doors can be equipped for electro-pneumatic or hydraulic operation.

The mixer is also regularly used in many drying agglomeration, coating and granulation process of materials. The mixer is suited for many solid-solid, solid-liquid and paste-like applications where aggressive and vigorous mixing action is required. The chopper's function is especially important for enhanced mixing actions as follows:

- Chopper fitted to the walls of the mixer by flange enhances the functions below:
- Shortening of mixing due to movement
- Breaking of the agglomerate
- Distribution of additives or powder
- Easily replaceable type of blades

THE CONSTRUCTION OF THE COMPONENTS

- It is available in mild steel, stainless steel 304 and stainless steel 316.
- It is available with liquid spray system and replaceable nozzle.
- Variable speed drives by inverter controlling heating & cooling system.
- Vacuum system with vent filter, condenser, pump and receive tank.
- Stuffing box seal with lantern ring & seal.
- Chopper for enhanced efficiency and mixing time.



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Powder Engineering & Chemical world

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