

## *Chemical Double Shaft Paddle Powder Mixer GTMDPS-2000*



Industrial double shaft paddle blender mixer driven by the directly-connected decelerator, the chains drive the dual-axis rotor to move reversely at a certain speed and, during the movement, the paddle on the axis makes the material go ahead on the one hand and, on the other hand, throws it along with the radial direction to the oblique-front space. The materials on the two sides move in the reversed areas of their own to go to and fro to get direction and are mutually dissolved into the penetrated and mixed so that a fluid weightless area and rotating vortex is formed in the central part and continually moves along with the axial and radial directions so as to form a full-respect combined cycle to quickly get the uniform mixing effect.

### **Application:**

Industrial double shaft paddle blender mixer is suitable for mixing materials of powder-powder and power-liquid, especially for powder, paste and thick materials. It is widely used in industries such as pharmaceutical, food, dyestuff & pigment, chemical industry, plastic, pottery, putty and dry mixture etc.

### **Features:**

- Carbon Steel, Stainless Steel 304, Stainless Steel 316L
- Sanitary type construction Flap valve, bomb-bay door
- Horsepower to suit higher density materials
- Explosion-proof motors
- Controls such as variable frequency drives, motor starters and operator stations are available
- Spray nozzles for liquid introduction
- High Speed revolution

**Parameters:**

| <b>Machine model</b>     | <b>GTMDPS-2000</b>           |
|--------------------------|------------------------------|
| Whole machine dimension  | 220*220*150cm                |
| Dimension of mixing tank | 150*150*150cm                |
| Volume                   | 2000L                        |
| Power                    | 15KW                         |
| Machine material         | Could designed by SS304/316L |
| Whole weight             | 2020kg                       |
| Mixing time              | 5-8mins/batch                |