

Multi-directional Mixer HD Series



Multi-directional Mixer is a novelty material mixer. The mixing vessel moves in multi-direction. When the driving shaft rotates, the vessel will be in translational and rotational motions under the action of universal joints. Hence, the materials inside the vessel are in three-dimensional compound motions which are in axial, radial and toroidal directions.

Features

- The mixing vessel of Multi-directional Mixer can make multi-directional motion;
- Materials are moving without the effect of centrifugal force, meanwhile the gravity segregation, stratification and accumulation phenomenon will not occur;
- The mixed-uniformity can reach 99% or more;
- High working efficiency and short mixing time;
- Comply with GMP Standard.

Technical Parameters:

| Model | Barrel volume (L) | Max. loading volume (L) | Max. loading weigh (kg) | Mixing time (min) | Spindle speed (r/min) | Motor power (kw) | Weight (kg) |
|---------|-----------------------------|--------------------------------------|--------------------------------------|-----------------------------|---------------------------------|----------------------------|--------------------|
| HD-10 | 10 | 7 | 7 | 0-99 | 0-22 | 0.18 | 15 |
| HD-25 | 25 | 18 | 18 | 0-99 | 0-15 | 0.55 | 150 |
| HD-50 | 50 | 40 | 40 | 0-99 | 0-15 | 0.75 | 300 |
| HD-100 | 100 | 75 | 75 | 0-99 | 0-15 | 1.5 | 500 |
| HD-200 | 200 | 160 | 160 | 0-99 | 0-15 | 2.2 | 800 |
| HD-400 | 400 | 320 | 320 | 0-99 | 0-12 | 4 | 1200 |
| HD-600 | 600 | 480 | 480 | 0-99 | 0-11 | 5.5 | 1500 |
| HD-800 | 800 | 640 | 640 | 0-99 | 0-10 | 7.5 | 2000 |
| HD-1000 | 1000 | 800 | 800 | 0-99 | 0-10 | 7.5 | 2500 |
| HD-1200 | 1200 | 950 | 950 | 0-99 | 0-10 | 11 | 2800 |
| HD-1500 | 1500 | 1200 | 1200 | 0-99 | 0-10 | 15 | 3000 |
| HD-2000 | 2000 | 1600 | 1600 | 0-99 | 0-9 | 18.5 | 3800 |