

THD Series 3D Three Dimensional Powder Mixing Machine



THD Series multi-directional motions mixer is high efficiency mixing equipment, it's used for high homogenization mixing of powdery and particle materials in pharmaceutical, foodstuff, chemical, light industry.

Features:

- It is equipped with a unique drive shaft servo mechanism, making the whole machine run smoothly and reliably, with less vibration and low noise.
- Machine does not need a foundation, and is convenient for installation and maintenance, and has a long service life.
- It provides good mixing effect and short mixing time, the mixing homogenization is greater than 99.5%.
- The loading rate reaches 85%, which is twice that of the general rotary mixer.
- The machine height is smaller, the rotating space is smaller, no need for additional floor.
- The discharge opening of the mixing cylinder has an eccentric conical design, ensuring material feed without clogging and residues, as well as easy cleaning. It complies with the cGMP standard.

Technical Parameter

Main Technical Specifications										
Model	THD-5	THD-25	THD-50	THD-100	THD-200	THD-400	THD-600	THD-800	THD-1000	THD-1500
Volume of Barrel	5L	25L	50L	100L	200L	400L	600L	800L	1000L	1500L
Max. Loading Volume	4L	20L	40L	80L	170L	340L	500L	680L	850L	1250L
Main Shaft Speed (rpm)	≤22	≤22	≤16	≤15	≤14	≤13	≤13	≤10	≤10	≤8
Motor Power (Kw)	0.55	0.75	1.5	2.2	2.2	4	5.5	7.5	7.5	11
Height of Material Outlet (mm)		260	500	600	600	630	630	780	780	850
Height of Material Inlet (mm)	650	820	1200	1570	1680	2080	2350	2600	2690	3200
Machine Weight (Kg)	90	100	200	500	700	1200	1500	2500	2600	3000
Machine Dimension (mm)	900X700	1000X700	1250X1050	1640X1230	1885X1440	2330X1900	2350X2600	2820X2600	2990X2700	3300X3400
	X650	X820	X1200	X1570	X1680	X2080	X2350	X2600	X2690	X3200