

Automatic Lifting Bin Blender



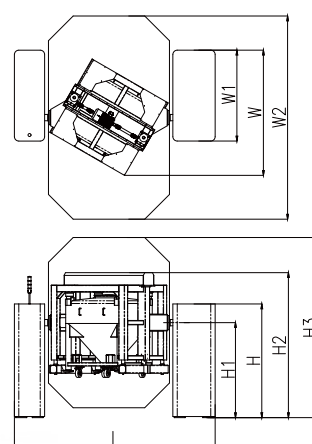
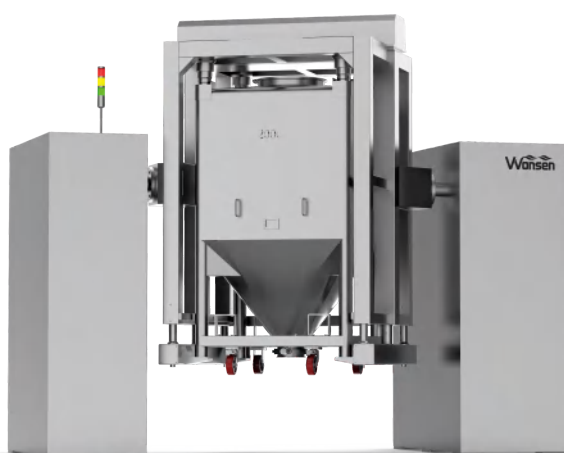
YouTube QR Code

Application

The machine is provided with such functions as automatic lifting, mixing, positioning, etc. One bin blender can be with interchangeable mixing bins of different specifications, it can meet the mixing requirements of different batches and diversified varieties of products. It is an ideal machine for mixing in pharmaceutical plants. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲ Reasonable structure, stable performance, convenient operation, no need corners, and no exposed bolts
- ▲ One machine can be equipped with interchangeable mixing bins of different volume for various capacity
- ▲ The rotating bin body symmetry plane is at an angle of 30° to the rotation axis. The material inside bin rotating along with the bin body to make tangential movement along the bin walls, producing strong turning and high-speed tangential movement and achieving the best mixing effect
- ▲ Equipped with the infrared safety device and discharging butterfly valve with misoperation preventer to ensure safe production
- ▲ Equipped with multiple safety interlocking mechanisms
- ▲ Effectively controlling dust pollution, without cross contamination, controlling material layering, optimized production processes
- ▲ Meet GMP requirements
- ▲ Adopt HMI and PLC auto control system, can optionally comply 21 CFR Part 11 requirements



Technical Parameter

Item	Model	ZTH-400	ZTH-600	ZTH-800	ZTH-1000	ZTH-1200	ZTH-1500	ZTH-2000	ZTH-2500	ZTH-3000
Volume (L)		400	600	800	1000	1200	1500	2000	2500	3000
Loading coefficient		120-320	180-480	240-640	300-800	360-960	450-1200	600-1600	750-2000	900-2400
Max. loading weight (kg)		200	300	400	500	600	750	1000	1250	1500
Total power (kW)		7	7	7	7.7	8.5	10.5	10.5	15	15
Rotation speed (rpm)		3-18	3-18	3-18	3-15	3-15	3-15	3-15	2-10	2-8
Weight (kg)		1800	2500	2800	3000	3200	3600	4200	4600	5000
Dimension (mm)	L	3290	3290	3290	3660	3710	3910	4010	4425	4425
	H	2150	2150	2150	2300	2300	2300	2300	2700	2700
	W	1780	1780	1880	2070	2150	2240	2410	2520	2670

Note: The referenced bulk density is 0.625g/cm³. The loading coefficient is 0.3 - 0.8, Calculated based on the maximum volume during the production process. Our company can customize products according to user requirements.