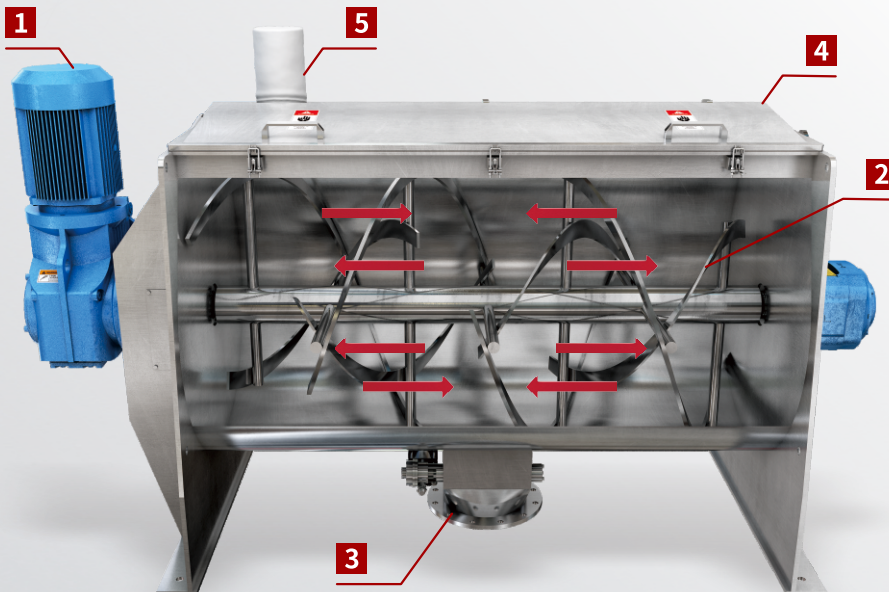


Horizontal Ribbon Mixer

Gentle mixing for various material in widely industries



- 1 Drive Unit**
(Motor, Gear Reducer)
- 2 Mixing Elements**
(Double Helix Ribbon)
- 3 Standard Pneumatic Discharge Valve**
- 4 Feed Cover**
- 5 Vent Port**

Ribbon Mixer consists of horizontal U shape mixing vessel, drive unit and ribbon agitator. The mixing element is combined with inner and outer double helical ribbon agitator. The outer ribbon moves materials into center direction and inner ribbon moves the materials in opposition direction to shape radially and laterally movement. Various materials can be mixed in ribbon mixer through a gentle way, especially in food material mixing. Furthermore, high speed chopper is also available to break some lumps during blending process.

Option: Vacuum, Jacket (heating/cooling), Surface Coating, Anti-wearing, Liquid Spray, Hazardous Area etc.



Chemical



Food



Life Science



Cosmetics



Plastic



Battery

Benefits

- ✓ Gentle mixing for heat sensitive materials
- ✓ Easy cleaning and maintenance
- ✓ GMP design with FDA certificate of non-metal part of mixer
- ✓ Heating/cooling jacket and vacuum design is optional
- ✓ Batch or continuous process

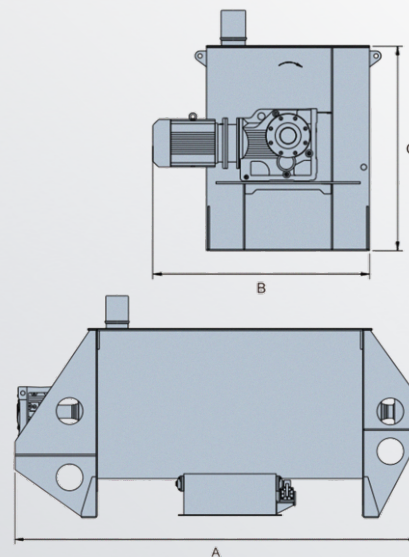
Application

- ✓ Dry Powder
- ✓ Dry Powder with liquid additives
- ✓ Slurry



Technical Data

Gross Volume	Effective Volume	Overall Dimension			Shaft Speed	Approx. Weight
		A	B	C		
100L	40-60L	1300	550	1100	101	310
300L	120-180L	1900	700	1200	56	570
500L	200-300L	2200	850	1400	52	840
1000L	400-600L	3200	1070	1600	43	1760
1500L	600-900L	3400	1170	1700	38	1940
2000L	800-1200L	3750	1270	1900	35	2740
3000L	1200-1800L	4100	1460	2100	30	3340
4000L	1600-2400L	4400	1570	2250	27	4210
5000L	2000-3000L	4600	1720	2400	23	5080
6000L	2400-3600L	4900	1820	2425	24	6510
8000L	3200-4800L	5400	2020	2610	21	8360
10000L	4000-6000L	5800	2220	2852	19	11000
12000L	4800-7200L	6250	2320	3000	17	13100
15000L	6000-9000L	6600	2420	3150	17	14600
20000L	8000-12000L	7700	2750	3355	15	22000
25000L	10000-15000L	8200	2820	3500	13.4	24000
30000L	12000-18000L	8500	2970	3695	13.4	26250



- Above information is our standard type, we can make customized design if necessary.
- The construction material can be mild steel, stainless steel 304/316L, duplex steel, hard alloy steel to meet different application.
- The mixer can be atmospheric design, pressure vessel design (GB150, ASME, PED), FDA hygiene design and other complicated requirement.

SHUANGLONG GROUP CO., LTD

- 📍 Add: No. 299 Delixi Rd, Nanxiang Industrial Zone, Jiading District, Shanghai
- 🌐 Website: www.shuanglong.com
- ✉ Email: info@mixertec.com
- ☎ Phone: +86-21-69921725

