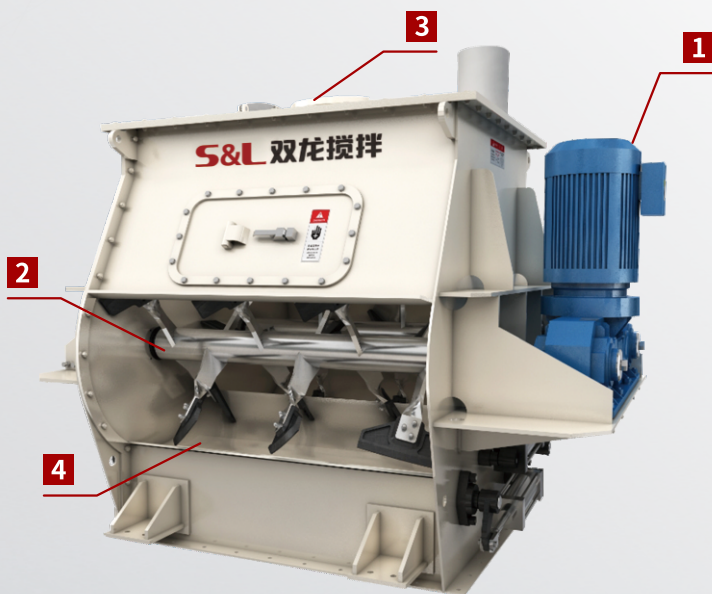


## Twin Shafts Paddle Mixer

*High Mixing Homogeneity with  
non-gravity mixing*



- 1 Drive Unit**  
(Motor, Gear Reducer)
- 2 Mixing Elements**  
(Double Screws)
- 3 Feed Port and Cover**
- 4 Discharge Valve**

Twin Shafts Paddle Mixer consists of W shape vessel, drive unit and double paddle shafts. The double shafts run in counter-rotation to make paddles turn over the materials in axial and radial direction of mixing action in fluidized zone. All the materials will be lifted in non-gravity status and also fall down to form a cross mixing. We can get perfect homogeneous mixing in very short time and almost all the materials can be emptied through full bottom discharge valve.

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



Chemical



Animal Feed



Instant Drink



Fertilizer



Plastic



Dry Mortar



## Benefits

- ✓ Excellent mixing homogeneity in rapid time
- ✓ Wear-resistant and heavy duty design for some abrasive material
- ✓ Big size discharge valve to minimize residues
- ✓ Top high speed lump breaker device for de-agglomeration requirement
- ✓ Suitable for heat sensitive or fragile product
- ✓ Batch or Continuous type is available



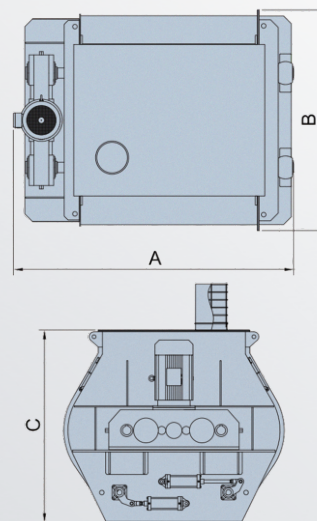
## Application

- ✓ Dry Powder
- ✓ Dry Powder with liquid additives



## Technical Data

Gross Volume	Effective Volume	Overall Dimension(mm)			Shaft Speed (rpm)	Approx. Weight (kg)
		A	B	C		
200L	80-120L	1200	1200	750	43	270
300L	120-180L	1300	1400	930	43	450
500L	200-300L	1500	1600	1050	43	900
1000L	400-600L	1900	1600	1200	43	1190
1500L	600-900L	2200	1700	1325	43	1600
2000L	800-1200L	2400	1700	1600	43	2700
3000L	1200-1800L	2500	1850	1760	43	3200
4000L	1600-2400L	2900	2200	1850	29	4500
5000L	2000-3000L	3100	2300	2040	29	6000
6000L	2400-3600L	3300	2500	2100	29	7000
10000L	4000-6000L	3800	2900	2500	29	9000
13000L	5200-7800L	4200	3200	2500	25	9700
15000L	6000-9000L	4400	3400	2600	25	11000
18000L	7200-10800L	4700	3700	2500	25	12500



- 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.

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