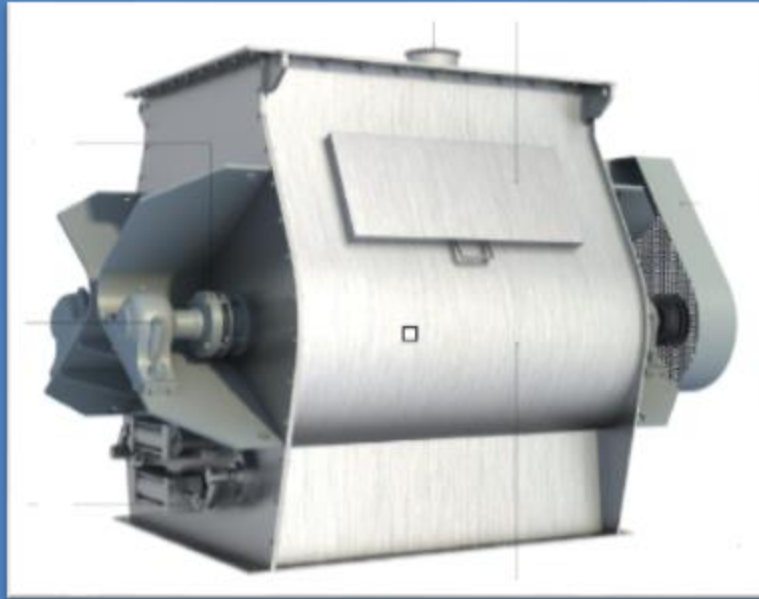


PADDLE MIXER



Siddhi Pharma Equipment

Mfg.& Exp. Of Plants & Machineries for Pharmaceuticals,
Cosmetics, Chemicals food & Beverage Industries

Plot No. 1601/1,3rd Phase G.I.D.C., Vapi-396195. (Gujarat)

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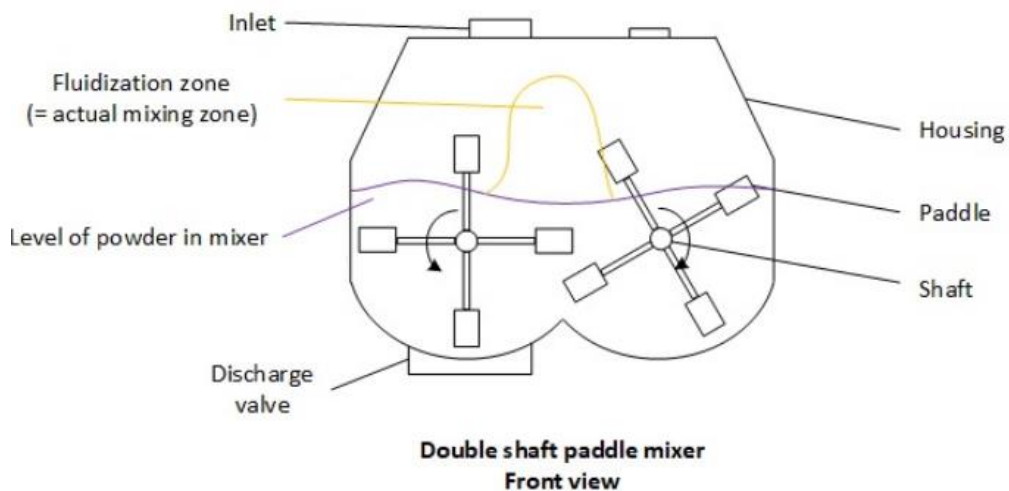
Website: www.sidhipharmaequipments.com

Paddle Mixer :

SINGLE / DOUBLE SHAFT PADDLE MIXERS are [convective](#)

[mixers](#) : the mixer is equipped with 2 agitators mounted with paddles that actively displace the powder.

For the mixing to be efficient, a certain speed of rotation of the shaft must be reached. At this speed, **the paddles are able to lift the solid and create a fluidization of the product** in the central area of the mixer, which explains the denomination sometimes found in literature of fluidized bed mixers. This zone, called fluidization zone, is the area where mixing actually takes place. Paddle mixers have also profiled paddles with a defined angle promoting both radial and axial mixing, thus optimizing the total mixing time.



Silent Features :

- Vacuum/Pressure inside mixer
- Heating/Cooling Jacket for mixer
- Spraying Nozzle for liquid
- Heavy-duty drive unit
- Top or Side Choppers
- Big or Small Discharge Valve
- Explosion-proof for electricity
- Electrical Control Panel system
- GMP manufacturing
- Teflon Coating for material contact part
- Abrasion resistance treatment
- Other Special Customize Design

Advantageous \ Benefits :

- High Speed and Homogenous Mixing
- Low Shearing
- Shortest Mixing Time
- Full and Clear Discharge
- Long Life-time and Durable Using

Technical Specification :

Nominal Volume	Working Volume	Speed (RPM)	Motor Power
100L	40-60L	43rpm	3KW
300L	120-180L	43rpm	4KW
500L	200-300L	43rpm	7.5KW
1000L	400-600L	43rpm	11KW
1500L	600-900L	43rpm	15KW
2000L	800-1200L	43rpm	18.5KW
3000L	1200-1800L	43rpm	22KW
4000L	1600-2400L	29rpm	30KW
6000L	2400-3600L	29rpm	45KW
10000L	4000-6000L	29rpm	55KW

Single Source Provider for all your technical requirements.

One of the most important “Siddhi Pharma Equipment” guideline is to be closest to our Customers. We strive to create end-to-end solutions that meet our clients needs and their expectation.

Application :

- Powder and semi dry solid mixing
- Cutting fat into flour
- Addition of oil & liquid into powder Mixing
- soap Extending
- colors Breaking down agglomerates