



Optimix Engineers

Optimix Engineers is engaged in the manufacturing of agitators required for various process applications. We have over 17 years of experience in this field and a proven track record. We have state of the art machinery, and in-house expertise to handle all kinds of projects. We provide end to end solutions in mixing to our worldwide clients.

We use quality raw material, and adhere to CGMP norms. Our hallmark is quality workmanship, adherence to schedules and excellent after sales service.



Fermentor Agitator

S.S AGITATOR & EQUIPMENTS



A] TOP ENTRY AGITATORS:

Impeller Diameters from	- 1000 mm to 3000 mm
Operating speed from	- 10 to 3000 rpm.
Motor power from	- 0.37 KW to 37 KW.
Shaft Diameters from	- 20mm to 150 mm.
Viscosities from	- 1 cP to 2, 00,000 cP.

Material of Construction - All grades of Stainless Steel mainly SS304, SS316, SS316L etc.

Finish - Matt/ Mirror/ Electro polished depending on the application/ requirement.

Special profiles & features can be manufactured based on requirements.

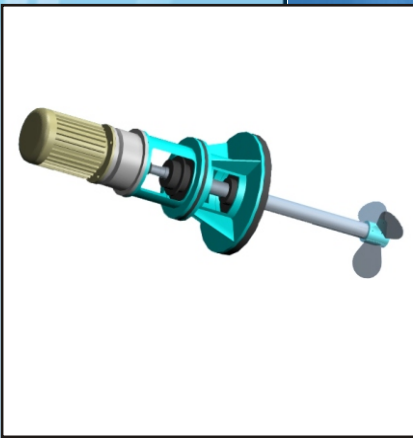


B] BOTTOM ENTRY AGITATORS:-

Impeller Diameters from	- 100 mm to 6500 mm.
Operating Speeds from	- 3 to 48 rpm.
Motor Power from	- 0.37 KW to 18 KW.
Shaft Diameters from	- 30mm to 120 mm.
Viscosities from	- 1 cP to 1000 cP.

Material of Construction - All grades of Stainless Steel mainly SS304, SS316, SS316L etc.

Finish - Matt/ Mirror/ Electro polished depending on the application/ requirement.



C] SIDE ENTRY AGITATORS:

Impeller Diameters from - 150 mm to 600 mm.
Operating Speeds from - 100 to 500 rpm.
Motor Power from - 0.37 KW to 5 KW.
Viscosities from - "1 cP to 50 cP.

Material of Construction - All grades of Stainless Steel mainly: SS304, SS316, SS316L etc.

Finish - Matt/ Mirror/ Electro polished depending on the application/ requirement.

Special profiles can be offered based on the requirements.



D] SPECIAL PURPOSE EQUIPMENTS:

Contrarotary Melter with Hydraulic operated raising /lowering arrangement.

Semi Contra rotary melter,

Colour Mixing System pneumatically raised/Lowered with mobility convenience & better suited for general applications in Pharma involving Colour Mixing/ Cleaning applications.



E] STAINLESS STEEL REACTION VESSELS:

We undertake fabrication of reaction vessels up to capacity of 15m³, suitable for Pharma / Hygienic Application. With finish (matt / mirror) to suit the need. Reaction vessels can be fabricated in all grades of stainless steels mainly SS304, SS316, SS316 L etc. This ensures single point responsibility during agitator manufacture and added reliability of supplied products due to complete in house testing.

Salient Features

- Top entry, side entry, bottom entry
- Motor power range 0.37 kw to 40 kw
- RPM – 10 to 3000
- Various impeller profiles
- Use of reputed make motors, gear boxes and mechanical seals.
- Sanitary matt, electro polish, mirror finish options.

Customer Sector

- Brewery
- Pharmaceutical
- Vaccine
- Distillery
- Bulk drug
- Chemical
- Food
- Dairy

Contact Details

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