PRODUCT CATALOG

TMXFLOW

IBC TANK AGITATOR



IBC Tank Agitator

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Application

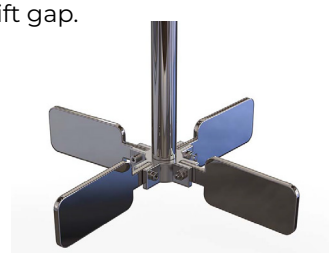
IBC Agitator are vertical agitators with either direct or geared motor. It can be used in mixing, dissolution and maintenance processes. This agitator is designed for almost all industrial process such a chemical, cosmetic and container whose volume 800 or 1000 L.

IBC agitators can be designed according to requirements of process and the feature of the liquid to be mixed. Motor power and type of the propeller can be altered with considering your needs.



User Benefits

Fast and homogenous product mixing.
Cost-effective solution for your process.
Available version for both low and high viscosity product.
Practical assembling thanks to the forklift gap.



Folding Propeller

Operation

IBC agitators are installed on the pop of the plastic transportable (IBC) containers centrally with a folding propeller. The rotation of the propeller makes the product flow to the bottom and then up the surface along the walls of the IBC tank. At the same time, product is mixed homogeneously without clumps and prohibit the substances from setting down to the bottom.

The reliable frame made of stainless steel is placed on the IBC tank and securelt fixed with a fixation clamps on the construction of the container.

As standart the IBC agitator is supplied with an eye bolt for lifting the agitator usin a hoist, and gap on modules are available for lifting the agitator using a forklift truck.

Materials

Propeller	AISI 316 SS
Shaft	AISI 316 SS
Base Frame	AISI 304 SS
Hopper	AISI 304 SS
Sealing	NBR
Other materials	Please consult your supplier.

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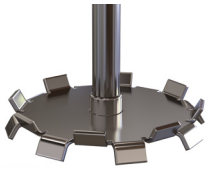
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Options

Adjustable Speed Control With VFD
Hopper
Base Frame
Motor Shroud
Pnematic Drive
ATEX model available



Marine Propeller



Cowler Propeller



Cup Propeller

Motor Type

Motor type is selected according to
The features of the liquid to be mixed
One of the most important issue of
selecting motor is viscosity of the liquid
According to viscosity, motor power
and speed can be adjusted.



Direct Motor



Gearbox



Pneumatic Motor

Selections Parameters

Viscosity (Cp)	Power (Kw)	Propeller Diameter (mm)	Drive Type
≤600	0,75	138	Direct
600 ≤ CP ≤ 3000	0,75	340	Gear
5000 ≤ CP ≤ 10000	1,5	600	Gear
10000 ≤ CP ≤ 20000	2,2	600	Gear

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