

Mud Agitators

Spectrum offers a comprehensive range of horizontal and vertical mud agitators, with horsepower ratings spanning from 3 to 30. Each unit features an explosion-proof motor coupled to a gearbox, which drives the impeller and shaft to deliver efficient fluid circulation and agitation. The mechanical configuration, horsepower, impeller diameter, and shaft length are customized to tank dimensions and maximum mud weights.

The primary objectives of our meticulously designed mud agitators are to achieve:

- Uniform suspension of all solids
- Optimal application of shear
- Homogeneous fluid properties throughout the system
- Economical use of power

By meeting these key performance indicators, our mud agitators ensure optimal performance, reliability, and efficiency.



Mud Agitator
Figure No. 49

Technical Specification:

S. No.	Model	SDTI-MA-2.2	SDTI-MA-3	SDTI-MA-5.5	SDTI-MA-7.5	SDTI-MA-11	SDTI-MA-15	SDTI-MA-18.5	SDTI-MA-22
1.	Power	2.2kw	3kw	5.5kw	7.5kw	11kw	15kw	18.5kw	22kw
2.	Impeller Speed (RPM)	60/72	60/72	60/72	60/72	60/72	60/72	60/72	60/72
3.	Impeller Dia (mm)	350	350	600	750/750	850/750	950/850	950/850	1000/950
4.	Ratio	1:25/1:20 and other	1:25/1:20 and other	1:25/1:20 and other	1:25/1:20 and other	1:25/1:20 and other	1:25/1:20 and other	1:25/1:20 and other	1:25/1:20 and other
5.	Dimension (mm)	350x270 x335	420x330 x375	870x600 x560	906x600 x560	1075x650 x630	1170x720 x685	1270x1000 x727	1270x1000 x727
6.	Electric specs	220-240v/50Hz, 380-415V/50Hz, 440-480V/60Hz, 575-600V/60Hz							
7.	Shaft Length	It depends on the depth of the mud tank							
8.	Certification	IEC/UL/ATEX/CE							
9.	Remark	<ul style="list-style-type: none"> • Motor and bearings can be selected according to customer requirements. • Different power agitators can be chosen based on the density and viscosity of the stirring medium and the stirring volume. • The connection type between the agitator and motor can be selected according to customer requirements Vertical or Horizontal. 							