



## MUD AGITATOR



**XI'AN KOSUN MACHINERY CO.,LTD.**

**— Since 1992**

## APPLICATION

KOSUN MA series mud agitator is part of the drilling fluid solids control equipment, which is mainly used to agitate and mix the drilling mud to prevent solids particles from depositing in the circulating tank and to stabilize the performance of drilling fluid.

It is composed of explosion-proof motor, speed reducer, motor base and blade. The connection

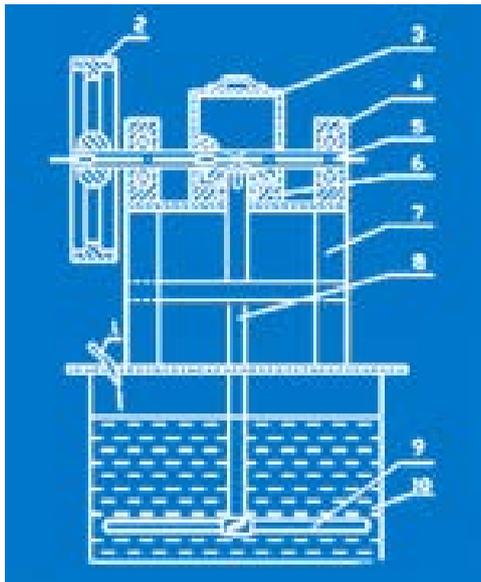
between motor and speed reducer, speed reducer and impeller shaft is achieved by steel coupling. The impeller is welded by four blades.

## FEATURES & BENEFITS

- Helical-bevel gearbox.
- Explosion-proof electric motor.
- Able to process 20 ppg drilling fluid
- Power available ranging from 2.2 to 22KW
- Compact, quiet, smooth and easy to maintain.



## Structure Of Mud Agiator



1-Water-delivery pipe

2-running wheel

3-gear box

4-bearing

5-driving shaft

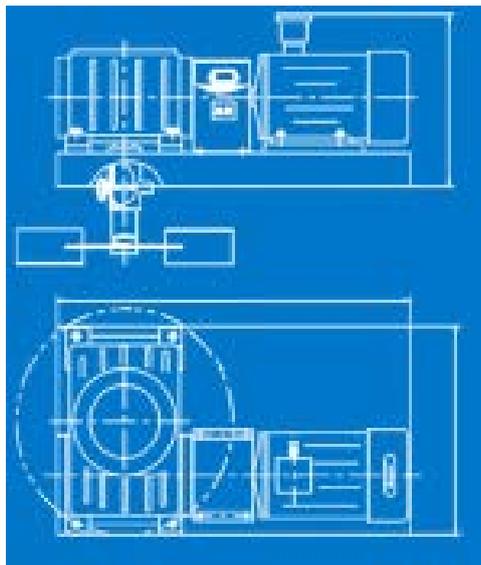
6-bevel gear

7-frame

8-mixer shaft

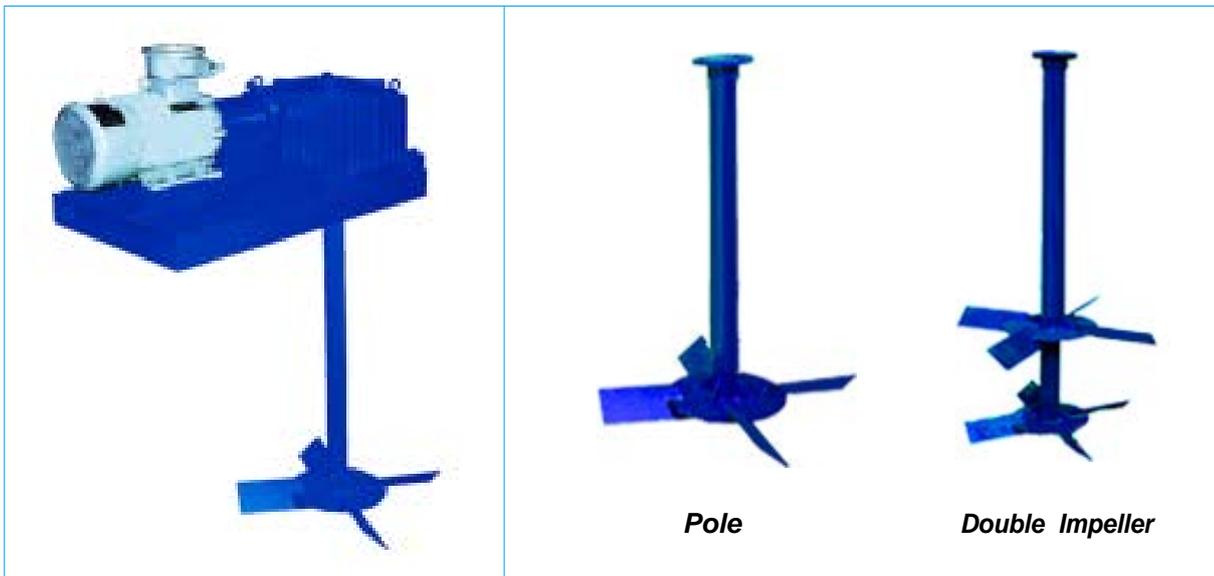
9-paddle

10-agitating vessel



## Tech Parameters

Agitator Model	MA55	MA75	MA110	MA150	MA220
Motor Power kW/HP	5.5/7.5	7.5/10	11/15	15/20	22/30
Impeller Speed RPM	72	72	73	73	73
Impeller Diameter mm/in	600 /23.6	750 /29.5	850 / 33.5	900 / 35.4	(1000/900) / (39.4/35.4)
Ratio	20:1/25:1	20:1/25:1	20:1/25:1	20:1/25:1	20:1/25:1
Dimension mm/in	(1020x660x560) (40.2x23.6x22)	(1060x600x604) (41.7x23.6x23.8)	(1200x640x673) (47.3x25.2x26.5)	(1290x710x685) (50.8x28x27)	(1428x860x705) (56.3x33.9x27.8)
Electric Specs	380V/50Hz or 460V/60Hz Or Customized				
Shaft Length	According to tank depth				





## **XI'AN KOSUN MACHINERY CO., LTD.**

Add: South of Dongxi 3<sup>rd</sup> Road, Jingwei Industrial Park,  
Xi'an Eco & Tech Development Zone, Xi'an, China

Tel: +86 29 87304914

▪ Fax: +86 29 87304648

Email: sales@adkosun.com

▪ Web: www.kosun.com