

Riddhi

PHARMA MACHINERIES



**RIDDHI HIGH SHEAR MIXER
STIRRER / HOMOGENISER
WITH TANK**



**RIDDHI STIRRER / HOMOGENISER
WITHOUT TANK**

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Riddhi High Speed Homoginzer

High speed homogeniser can be used for high speed dispersion, homogenization of high viscous liquid or pasty material.

The mixing shaft is supported by heavy duty bearing housing and Teflon bush at the bottom for vibration free performance. The Tie bars are also provided for extra rigidity and trouble free performance. The homogenizer is complete with standard electric motor. 3phase 220V, 380 V and flame proof construction is available as per requirement. The contact parts are manufactured from SS 304/ SS316/ SS316L construction as per requirement. The high speed homogenisers can be manufactured as per GMP norms for pharmaceuticals or Bio applications.

Two different speeds are available 2800 and 1400 rpm for various application and volume. Different types of impeller like saw tooth cutter, stator-rotor are used for various dispersing application. Different mounting arrangements like flange mount, hanger mount are available. The mixers can be mounted on specially designed heavy duty fabricated lifting lowering stand for ease of operation.



Model	H.P.	k.w.	R.P.M.	Length
				mm
RDIH037-2	0.5	0.37	2800	L
RDIH037-4	0.5	0.37	1400	L
RDIH075-2	1	0.75	2800	L
RDIH075-4	1	0.75	1400	L
RDIH150-2	2	1.5	2800	L
RDIH150-4	2	1.5	1400	L
RDIH220-2	3	2.2	2800	L
RDIH220-4	3	2.2	1400	L
RDIH370-2	5	3.7	2800	L
RDIH370-4	5	3.7	1400	L
RDIH550-2	7.5	5.5	2800	L
RDIH550-4	7.5	5.5	1400	L

The logo features the word "Riddhi" in a bold, white, sans-serif font, centered within a dark blue, wavy, ribbon-like shape. This shape is accented with red curved lines above and below it. The entire logo is set against a background of horizontal white lines on a light blue field.

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RIDDHI CYCLONE HIGHSPEED HOMOGENIZER

CYCLONE HIGHSPEED HOMOGENIZER

Suitable for tank size dia. 950 X 1050 mm height, 550 liter Gel

Power : 7.5 HP, 3Ph, 415V, 50Hz

Speed : 800 to 1400 rpm variable

Motor : Hindustan Make, Flame proof AC Induction

Mounting : Electrical Lifting Stand.

Shaft : 800 mm long

Impeller : Stator Rotor at bottom, and one saw cutter can be fitted at adjustable height.

MOC : SS-316 shaft and impeller. Non contact parts in SS 304

LIFTING LOWERING STAND FOR MIXER

Lifting Lowering Stand for mixer With **VFD control panel. SS** 304 fabricated electrical Lifting

Lowering stand suitable for Shaft length. The mixer shaft is fully removed from tank at lifted

position. The depth of shaft can be adjusted at define position. The lifting and lowering is using

screw nut mechanism run by **Flame proof geared motor**. The control panel is having lifting lowering

and emulsifier start-stop, Delta make VFD for speed control, limit switches with relays and contactor

and other electrical safety.

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

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