

Rapid Mixer and Wet Granulator



Vitro Pharma Machine provides Rapid Mixer and Wet Granulator which use to mix the ingredients and make granules before compression. In this Rapid Mixer Granulator, the formation of granules occurs by rising, whirling and tumbling motion of material and dry blending is finished by including all ingredients into the RMG by a revolution of impeller and chopper at high speed. The parts of Rapid Mixer and Wet Granulator are made of stainless steel and are highly polished. This Rapid Mixer and Wet Granulator machine perform dry mixing and wet granulation in the same bowl within 6-12 minutes and the entire operation is fully automatic including the discharge.

Features

- In such cases, separate control pane will be located in a low-risk area.
- Available in 10 different sizes from 10 liters to 1200 liters.
- Select the span of the machine according to your batch size.
- For 400 Its capacity model vessel, flood limit level is 400 Its.
- Working volume is 80% of 400 Its = 320 Its.
- Expecting the mass density at 0.5 where one can take a bunch of 160 kg of wet mass in a 400 Its capacity model.

Technical Specification

Capacity in Litrs	10	25	50	150	250	400	600	750	900	1200
Overflow	10	25	50	150	250	400	600	750	900	1200
Working	8	20	40	120	200	320	480	600	720	960
Vol. Lts										
Capacity of Wet Gram	4kg	10- 12kg	20- 22kg	60- 65kg	100- 110kg	160- 180kg	240- 260kg	300- 320kg	360- 380kg	480- 500kg
L1	625	850	1000	1200	1300	1525	1675	1725	1900	2200
L2	340	500	500	850	900	900	900	900	900	900
L3	-	-	-	750	750	750	900	900	900	900
L4	-	-	-	600	600	600	810	810	810	810
W	300	450	575	1350	1300	1575	1775	1825	2000	2000
H	400	450	860	1016	1010	1070	1190	1275	1325	1325
H1	80	1200	1400	2234	2435	2614	1840	3020	3060	3200
H2	600	760	1160	2554	1515	1694	1790	1970	2040	2100
H3	345	400	790	950	1050	1050	1170	1280	1330	1300
Approx Net Wet	0.2T	0.3T	0.5T	1.5T	2.5T	2.8T	3.5T	4.0T	4.8T	5.5T