SMG-T 5-1200
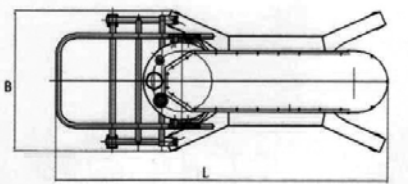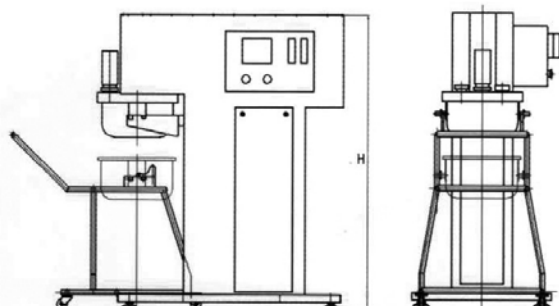
High Shear Mixer Granulator

Application：

SMG-T Mixer Granulator is widely used in granulation process of pharmaceutical, food, and feed industry because if it high efficient.

Principle：

Powder is charged into the bowel of **SMG-T** mixer granulator and wetted by a liquid or a melt sprayed from the top nozzle. At the same time, the material is vigorously mixed by a mixer and chopped by a chopper. The wet granules are normally discharged into a core mill before they are dried by a fluid bed drier. The granules made by **SMG-T** are rounder and stronger than the granules made by the top spray fluid bed.

Features：

➤ Making rounder and stronger granules with high density.

➤ Mixing and granulating in one step.

➤ Automatic discharge.

➤ Compressed air seal the mixer and chopper.

➤ Closed system measure up with GMP.

➤ Save the volume of binding liquid.

➤ Save process time.

➤ Intelligent control system.

Parameters	SMG-T 5	SMG-T 10	SMG-T 25	SMG-T 50	SMG-T 100	SMG-T 250	SMG-T 400	SMG-T 600	SMG-T 1200
Volume	5	10	25	50	100	250	400	600	1200
Working Volume	3.5	7	18	35	70	180	280	420	840L
Output Capacity	1.5	1.5	2.2	5.5	7.5	15	22	37	55
Agitator Speed	25-500	25-500	25-500	22-220	22-220	22-220	15-155	12-140	10-110
Motor	0.37	0.75	1.5	1.5	2.2/3.7	3.7/5.5	5.5/7.5	7.5/11	7.5/11
Chopper Speed	100/3000	100/3000	300/3000	300/3000	300/1500	300/1500	150/1500	150/1500	150/500
Dimension(L*B*H)	500*320*980	500*320*1100	900*600*1750	1300*700*1800	1600*900*2550	2100*1100*2800	2500*1550*3000	2800*1750*3250	3400*2130*3650
Discharge Height(h)	-	-	600	900	900	1200	1200	1200	1200
Weight	260	318	396	1750	2700	3400	4300	6430	9500

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