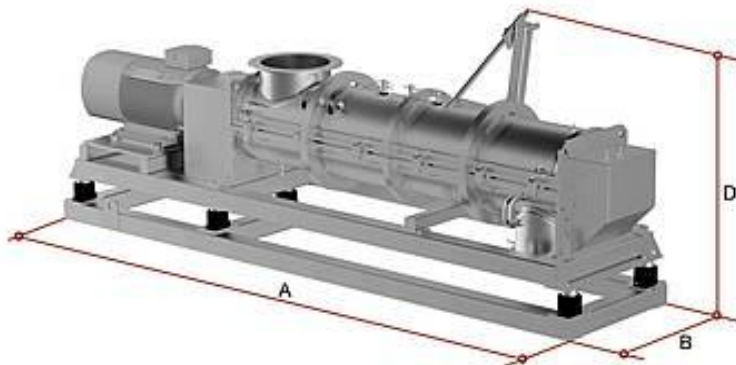


Data sheet granulator continuous / ring-layer mix-pelletizer type RMG

Ring-layer mix-pelletizer	Ø	L	Extended residence time if liquid distribution is difficult and/ or high energy input is needed			Short residence time if liquid distribution is simple and built-up granulation works easy at low energy input			A	B	D
			length	width	height						
Type RMG	Approx. diameter of the mixing chamber	Approx. length of the mixing chamber	Estimated residence time depending on flowability, flow rate and rpm value	Throughput rate must be verified by test trials, then special extrapolation methods are applied		Estimated residence time depending on flowability, flow rate and rpm value	Throughput rate must be verified by test trials, then special extrapolation methods are applied		Approximate dimensions Data may vary considerably depending on the size of the drive and the type of design Please ask for detailed dimension sheets!		
Model	mm		[second]	[m³/h]	[feet³/h]	[second]	[m³/h]	[feet³/h]	[mm]		
10	140	909	21	0,4	13	9	1,7	60	1800	150	200
30	203	1282	29	0,7	26	12	3,4	119	2400	220	290
50	242	1458	33	1,0	34	14	4,5	160	2700	260	330
60	257	1526	35	1,1	38	14	5,1	178	2800	280	350
100	306	1731	39	1,5	51	16	6,8	241	3200	320	410
200	388	2049	47	2,2	76	19	10,2	361	3700	400	520
300	445	2259	51	2,7	96	21	13,0	458	4000	460	570
400	491	2420	55	3,2	114	23	15,3	541	4300	500	630
600	563	2665	61	4,1	143	25	19,4	685	4800	580	710
800	621	2852	65	4,8	169	27	22,9	810	5000	640	800
1000	670	3006	68	5,4	192	28	26,1	923	5200	690	850
1500	769	3305	75	6,8	242	31	33,1	1168	5600	830	1200
3000	974	3884	88	10,1	358	37	49,5	1746	6400	1100	1500

The particle size enlargement by build-up-granulation normally works fine in this type of ring-layer mixer pelletizer if the goods have granulating properties. Nevertheless, experiments have to be carried out to design the machine properly. To this extent, the throughput rates can extremely differ from these table values. amixon® GmbH provides test machines in its test laboratory.



amixon GmbH

Halberstaedter Strasse 55
33106 Paderborn
Germany

Telephone: [+49-5251-688888-0](tel:+49-5251-688888-0)
Telefax: [+49-5251-688888-999](tel:+49-5251-688888-999)
E-Mail: sales@amixon.de