

Dryer

Mold Dehumidifier

Conveyor

Compact unit Hot Air Dryer and Vacuum Loader



MGD-25A

Standard Specification

Model		Unit	MGD-15A	MGD-25A	MGD-50A	MGD-75A	MGD-100A	MGD-150A	MGD-200A	MGD-250A	MGD-300A	
Voltage		V	AC200/380V, 50Hz, 3 Phase									
Power Supply	Apparent Power	Standard	kVA	4.1	6.6	7.0	8.4	9.3	14.1	16.7	21.3	
		High Temp.	kVA	4.7	7.0	8.4	9.3	10.5	15.7	21.4	24.0	
	Breaker Capacity	Standard	A	32/16	32/20		32/32	40/32	63/32	100/50		
High Temp.		A	32/16	32/20		40/32	50/32	63/32	100/50			
Air Supply	Pressure	MPa	0.5									
	Flow Rate	L/h	10									
Operating Temperature		°C	~130 (160) ※1									
Hopper Volume ※2		kg	16	26	54	75	102	150	210	255	300	
		L	28	44	90	125	170	250	350	425	500	
Drying	Heater Capacity	Standard	kW	1.5/2.1	3.6/4.0	4.0/5.4	5.4/6.3	6.3/7.5	10.8/12.4	12.4/17.1	17.1/19.8	
		High Temp.	kW	2.1	4.0	5.4	6.3	7.5	12.4	17.1	19.8	
	Blower	Output	kW	0.028	0.13		0.135		0.3		0.4	
Conveying Blower		Output	kW	1.1/1.5					2.2/2.55			
Outer Dimension		W	mm	948	948	981	981	1,132	1,236	1,450	1,658	1,658
		D	mm	572	572	721	716	789	789	705	860	860
		H	mm	1,743	1,994	2,111	2,411	2,230	2,619	2,603	2,453	2,603
Product Weight		kg	150	170	210	230	240	270	400	580	600	

※1 () High Temperature Specification

※2 Volume is that of when using virgin materials with bulk density of 0.6 g/cm³.

Options

- Secondary side two directional conveyance • 3-Direction material • Alarm indicator • Weekly timer • Earth leakage breaker • Energy save device
- Low level alarm • Exhaust filter return unit • High Temperature. (~160°C) • DIGI-PEGA setting • TSV setting

Tray Dryer

PO

Temperature Controller

Blender



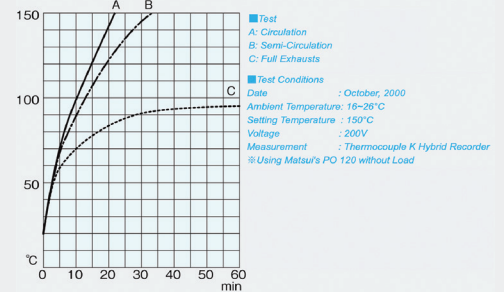
PO-120



PO-120

Tray Dryer can be used for drying and annealing of resin molding.

Test Data of Temperature Changes.



Standard Specification

Model		Unit	PO-50	PO-80	PO-120	PO-200		
Voltage		V	AC200/380V, 50Hz, 3 Phase					
Power Supply	Apparent Power	Standard	kVA	3.8	4.2	7.0	10.0	
		High Temp.	kVA	4.2	6.8	7.9	13.0	
	Breaker Capacity	Standard	A	15/10	15/10	30/15	40/20	
High Temp.		A	20/10	30/15	30/15	50/30		
Operating Temperature (When Circulation)		°C	~160 (~200) ※1					
Material Volume		kg	50	80	120	200		
		L	83	133	200	333		
Inner Dimension		W x D x H	mm	600 x 640 x 530	600 x 640 x 930	800 x 640 x 1200	1200 x 800 x 1210	
Material Container		W x D x H	mm	290 x 620 x 60		390 x 620 x 60	390 x 790 x 60	
		Material Tray	piece	10	18	20	30	
		Shelf		5	9	10	10	
Material			SUS430					
Timer			Weekly Timer					
Maximum Volume of Dry Air		m ³ /min	7.2	10	17	22		
Maximum Wind Pressure		kPa	0.14	0.23	0.3	0.48		
Heater	Capacity	Standard	kW	3	3.45	6	9	
		High Temp.	kW	3.45	6	6.9	12	
Drying	Blower	Output	kW	0.2	0.2	0.4	0.75	
			W	mm	840	840	1,100	1,500
			D	mm	820	820	825	985
H		mm	1,235	1,635	1,985	2,020		
Product Weight		kg	180	250	400	490		

※1 () High Temperature Specification Intake temperature is 200°C

Options

- External alarm output (A contact) • Earth leakage breaker • Alarm indicator light • High temperature