

Compact unit Hot Air Dryer and Vacuum Loader

Dryer

Conveyor

Temperature Controller

Blender

Granulator

System & Others



MGD-25A

Standard Specification

Model		Unit	MGD-15A	MGD-25A	MGD-50A	MGD-75A	MGD-100A	MGD-150A	MGD-200A	MGD-250A	MGD-300A
Power Supply	Voltage	V	AC200/380V, 50Hz, 3 Phase								
	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					
	W	mm	948	948	981	981	1,132	1,236	1,450	1,658	1,658
Outer Dimension	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

Operating Temp.

~160°C (200°C)

PO



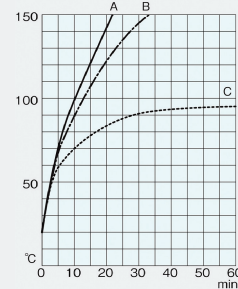
PO-120



PO-120

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

Test Data of Temperature Changes.



■ Test
 A: Circulation
 B: Stir-Circulation
 C: Full Exhausts
 ■ Test Conditions
 Date : October, 2000
 Ambient Temperature : 16~26°C
 Setting Temperature : 150°C
 Voltage : 200V
 Measurement : Thermocouple K Hybrid Recorder
 ※ Using Matsui's PO 120 without Load

Standard Specification

Model		Unit	PO-50	PO-80	PO-120	PO-200	
Power Supply	Voltage	V	AC200/380V, 50Hz, 3 Phase				
	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	
	W x D x H	mm	290 x 620 x 60		390 x 620 x 60	390 x 790 x 60	
Material Container	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
Outer Dimension	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 beaker • Alarm indicator light • High temperature