

Hot Air Dryers

HAD Series



The hot-air dryers of the HAD series have been designed to dry non-hygroscopic plastic granules. Non-hygroscopic plastic materials are polymers which trap the humidity on the surface of granules in very small percentages.

However, the processing of plastic materials in the presence of humidity may seriously affect the quality of the process and, as a consequence, the finished product.

Hot-air dryers are divided into two series. The first series includes the range HAD30 - HAD200 with airflow rates from 70 to 200 m³/h that can directly be installed on the plasticization throat of the machine. The second series includes the range HAD300 - HAD2500 with airflow rates from 400 to 1350 m³/h that are installed on a support structure.

Technical Specifications

- ▶ Glass-wool-insulated stainless-steel hoppers with central cone.
- ▶ Electronic control of the heating phase of the process air with PID algorithm. The control board is equipped with a microprocessor. The machine features a control keypad and display for entering parameters and viewing alarms.
- ▶ Daily/Weekly timer.
- ▶ Hinged covers where single-phase/three-phase hopper loaders can be installed.
- ▶ Insulated inspection door starting from model HAD150.

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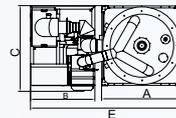
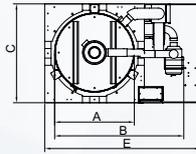
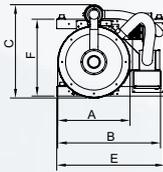
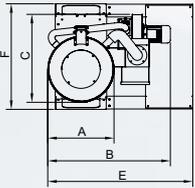
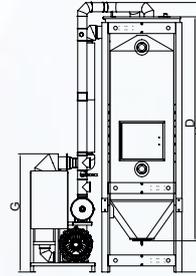
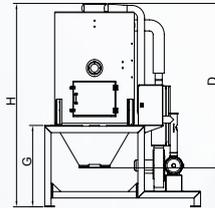
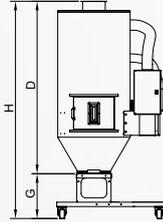
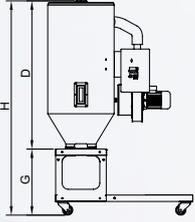
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December 2023

Hot Air Dryers

HAD Series



HAD30-200

HAD300-400

HAD600-1200

HAD1500-30000

Technical Data		HAD 30	HAD 50	HAD 75	HAD 100	HAD 150	HAD 200	HAD 300	HAD 400	HAD 600	HAD 800	HAD 1200	HAD 1500	HAD 2000	HAD 2500	HAD 3000	
Max Process Airflow	m ³ /h	70		100		200		400		600	600	600	750	1000	1350	1500	
Process Temperature	°C	140															
Heating Power	kW	1,6		2,4		3,6		9,6		12		27		40,5			
Fan/Blower Power	kW	0,08		0,18		0,37		0,75		1,1		7,5		11			
Total Power	kW	1,68		2,58		3,97		10,35		13,1		34,5		51,5			
Noise Level	dB(A)	<80															
Hopper Capacity	dm ³	30	50	75	100	150	200	300	4100	600	800	1200	1500	2000	2500	3000	
Voltage/Frequency	V/Hz	230/50-60				400/50-60											
Weight	kg	40	55	60	65	75	85	120	350	550	600	650	800	900	1000	1100	

Dimensions		HAD 30	HAD 50	HAD 75	HAD 100	HAD 150	HAD 200	HAD 300	HAD 400	HAD 600	HAD 800	HAD 1200	HAD 1500	HAD 2000	HAD 2500	HAD 3000	
A	mm	437		515		597		832		992		1090	1126	1306	1316	1570	
B	mm	779		952		1021		1178		1608		1865	1050				
C	mm	555		689		731		1078		1240		1393		1570			
D	mm	740	960	969	1160	1319	1609	1750	1992	2062	2463	3025	3026	3187	3683	3935	
E	mm	1193		1127		1180		1235	1235	1940		2211	2436	2475	2702		
F	mm	826						888		-	-	-	-	-	-	-	-
G	mm	517								1020		1942					
H	mm	1257	1477	1486	1677	1836	2126	2267	2509	2551	2951	3529	3726	3933	4430	4727	

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