

The hot-air dryers of the HAD series have been designed to dry non-hygroscopic plastic granules.

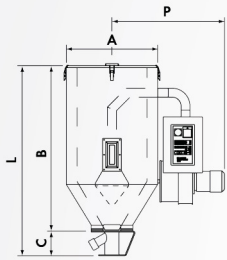
Non-hygroscopic plastic materials are polymers which trap the humidity on the surface of granules in very small percentages. However, the processing of plastic materials in the presence of humidity may seriously affect the quality of the process and, as a consequence, the finished product.

Hot-air dryers are divided into two series. The first series includes the range HAD30 - HAD200 with airflow rates from 70 to 200 m<sup>3</sup>/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 m<sup>3</sup>/h that are installed on a support structure.

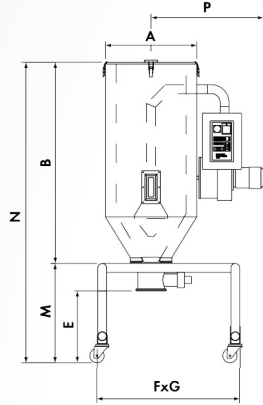


#### TECHNICAL SPECIFICATIONS:

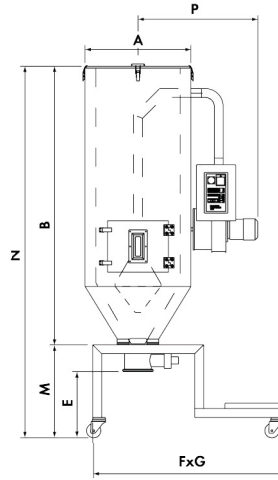
- Glass-wool-insulated stainless-steel hoppers with central cone.
- Electronic control of the heating phase of the process air with PID algorithm. The control board is equipped with a microprocessor. The machine features a control keypad and display for entering parameters and viewing alarms.
- Daily/Weekly timer.
- Hinged covers where single-phase/three-phase hopper loaders can be installed.
- Insulated inspection door starting from model HAD250.



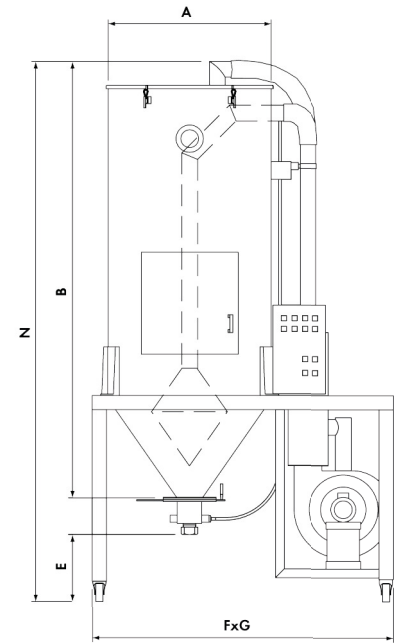
HAD30-400



HAD30-200



HAD300-400



HAD600-2500

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	
Max process airflow	m <sup>3</sup> /h	70	70	100	100	200	200	200	400	600	600	600	750	1000	1350	
Process temperature	°C	140	140	140	140	140	140	140	140	140	140	140	140	140	140	
Heating power	kW	1.6	1.6	2.4	2.4	3.6	3.6	3.6	9.6	12	12	12	27	27	40.5	
Fan/blower power	kW	0.08	0.08	0.18	0.18	0.37	0.37	0.37	0.75	1.1	1.1	1.1	7.5	7.5	11	
Total power	kW	1.68	1.68	2.58	2.58	3.97	3.97	3.97	10.35	13.1	13.1	13.1	34.5	34.5	51.5	
Noise level	dB(A)	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	<80	
Hopper capacity	dm <sup>3</sup>	30	50	75	100	150	200	300	400	600	800	1200	1500	2000	2500	
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	

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	
A	mm	437		516		597		832		992		1060		1240		
B	mm	686	906	916	1126	1266	1556	1735	1985	2035	2453	3123	3323	3295	3795	
C	mm	140							180	-	-	-	-	-	-	-
E	mm	400				370			480	490			640			
F	mm	800				1075			1000	1700			1910	2160		
G	mm	675				820			1000	1100			1300	1500		
L	mm	826	1046	1056	1266	1406	1696	1915	-	-	-	-	-	-	-	
M	mm	560				525			-	-	-	-	-	-	-	-
N	mm	1246	1466	1476	1686	1791	2081	2260	2630	2708	3108	3108	4128	4100	4600	
P	mm	450		630		670		810	-	-	-	-	-	-	-	