

MARTINA HOT AIR OVEN



Ash drawer



Hot air delivery pipes



Large fill door with chamotte

Combustion chamber
Std- INOX AISI 304
HIS – INOX AISI 310S

Intensive research, innovative ideas and continuous further development have made **Compatsystem by Mischi** one of leading providers in the area of biomass hot air heating systems. Heating with log-wood is the traditional way of extracting heat from biomass. Log wood has normally a length of a range from 20 to 150 cm.

compact system

entsorgungstechnik

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	MARTINA	MARTINA	MARTINA	MARTINA	MARTINA	MARTINA	MARTINA	MARTINA
TECHNICAL DATA	30/15	30	55	85	120	240	350	500
Rate power KW	14,8	29,8	49,9	85	145	233	390	499
Rate power Kcal	12720	25700	43000	73000	125000	199000	335000	428600
Wood fuel consumption kg/h	4,5	9	15	19	30	50	85	100
Hot air volume m ³ /h	2400	2400	4900	6400	9000	18000	20000	30000
Combustion chamber depth mm	580	580	650	840	950	1200	1400	1600
Fill door B x H mm	330x330	330x330	370x350	430x430	460x440	460x600	500x700	700x700
Air fan 230 Volt M - Kw	0,49	0,49	1,12	0,98	1,05	1,96	4,48	7
Required draft in the c. chamber	0,2-0,3	0,2-0,3	0,2-0,3	0,2-0,3	0,2-0,3	0,2-0,3	0,2-0,3	0,2-0,3
Required draft at rated power	0,18	0,18	0,18	0,18	0,18	0,18	0,18	0,18
Workshop to heat approx m ³	300	600	1000	1600	2500	4500	7500	11000
Workshop to heat approx m ²	60	120	220	300	500	900	1600	2300
Overall dimensions ca. :								
Width mm	600	600	720	800	800	1300	1700	1900
Depth mm	800	800	1000	1170	1170	1700	2000	2200
Height mm	1900	1900	1900	2200	2300	2550	2550	2980
Total weight kg	230	230	300	500	650	1200	1400	2200
Flue diameter mm	160	160	160	200	200	250	300	300
Chimney diameter (aprox. values)	200	200	200	250	250	300	350	350
Hot air efficiency %	85-90	85-90	85-90	85-90	85-90	85-90	85-90	85-90
Emissions dust g/m ³	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07
CO emissions g/m ³	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Chimney depression in PA	11	11	13	16	16	16	11,5	16
Emissions CO ₂ %	6,1	6,1	6,3	6,5	6,5	7	6,1	6,5
Flue gas temperature °C	286	286	290	291	287	290	289	292
Flue gas mass flow	45 kg/h	90 kg/h	165 kg/h	255 kg/h	360 kg/h	720 kg/h	1050 kg/h	1500 kg/h
Flue gas volume Nm ³ /h	28	58	96	164	230	460	670	960
Hot air delivery pipes pcs x mm	2 x D 200	2 x D 200	2 x D 200	2 X D 220	2 X D 220	2 X D 450	2 X D 450	3 x D 450

*The company reserves the right to make any modification retained opportune without prior notice.