



TECHNICAL SPECIFICATIONS
EMEA, APAC, LATAM



Shown: PM 942ED with optional 7-Day Automatic On/Off Timer

Project _____

Item No. _____

Quantity _____

Date _____

PM 94X Series

PM 941ED, PM 942ED, PM 943ED, PM 944ED, PM 945ED

PizzaMaster® Modular Electric Deck Oven

- The world's largest range of electric ovens.
- Trusted in 170+ and counting.
- Unmatched capacity. Unstoppable output.
- Precision baking made effortless.
- Built to last. Backed for life.

International Voltage
and Certifications
– Available upon request



Standard Features

✓ IQControl Panel™	✓ Vent Control Lever for Each Deck	✓ Multi-Functional Oven Stand
✓ TempIQ Recovery™	✓ High-Density Insulation	✓ Ventilation Hood
✓ TempIQ Guard™	✓ Strong Ergonomic Oven Door Handles	✓ Disassemble Design 3/4/5-Deck Ovens Available as an option on 2-deck oven
✓ TurboStart	✓ Durable Long-Life Oven Door	✓ Resettable Overheat Protection
✓ Balanced Heat Distribution™	✓ Pull-Up Oven Door	✓ 1 & 3 Phase EI. Power Supply Available
✓ 3 Heat Zones: Top, Bottom, Front	✓ Large Clear Window Glass Oven Door	✓ Flexible Power Supply for 400V Single or multiple incoming supply cables
✓ Maximum Baking Temperature: 400°C	✓ Stainless Steel Front	✓ International Voltages & Certifications Available upon request
✓ Ceramic Clay Stones w/ Crisping Function Rec. for baking temperatures up to 370°C	✓ Ventilated Front	✓ Start-Up Maintenance Kit Includes: Oven bulbs Cleaning supplies
✓ Sliding Unloading Shelf on 1/2/3-Deck Ovens 2nd shelf available as an option	✓ Bake Timer with Manual Shut-Off Alarm	
✓ Dual Xenon Oven Deck Lights	✓ Single-Push Auto Bake Timer with Alarm	
	✓ Lockable Casters on 1/2/3/4-Deck Ovens	

Optional Features

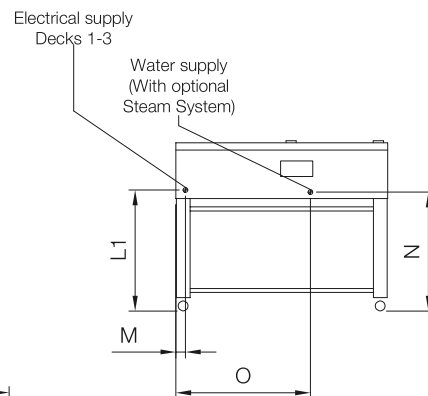
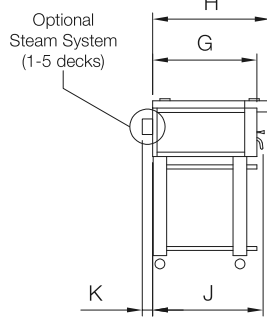
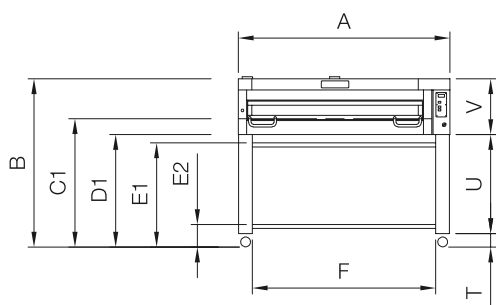
☐ XTREME Performance™ 500°C Extended maximum baking temperature	☐ Extra High Deck N/A with XTREME Performance 500°C	☐ Side Shield Panel
☐ Artisan High-Temperature Clay Stones Rec. for baking temperatures over 370°C	☐ Power Guard™ Control system for limited power supply	☐ Additional Sliding Unloading Shelf
☐ Extended Ventilation Hood Rec. for Bakery and XTREME Performance	☐ Dual Voltage System Switchable (230V 3ph and 400V 3ph+N)	☐ Fixed Unloading Shelf on 4-Deck Oven
☐ Factory Direct Ventilation System Requires Extended Ventilation Hood	☐ Underbuilt Cabinet (UBC)	☐ Side Shelf Maximum 2 per side
☐ 7-Day Automatic On/Off Timer	☐ Underbuilt Cabinet with Proofer (UBC-P)	☐ Oil and Spice Rack Includes pizza cutter
☐ Phantom Black Finish	☐ Lockable Casters for 5-Deck Oven	☐ Pizza Tool Holder Holds up to 3 tools
☐ Disassemble Design 2-Deck Oven	☐ Marine Option Adapted for offshore installations	☐ Pizza Tools Loading Peels (33, 36, 45, 50 cm) Turning Peels (20, 23 cm) Oven Brush Freestanding Peel Holder
☐ Steam System N/A with XTREME Performance 500°C	☐ Near Coastal Option Enhanced protection against saltwater	

One oven, multiple possibilities. Individually configured decks let you bake different products at once.
Example: Deck 1 for Bakery, Deck 2 for Standard Pizza, and Deck 3 for High Temperature Pizza.

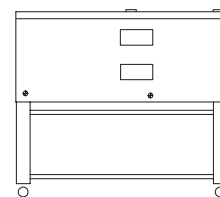
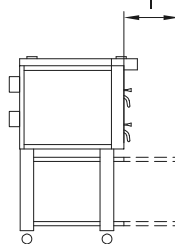
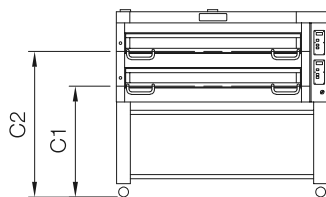
90058-01-EN_R1A_Technical Specifications, Modular Ovens, PM 94X – We reserve the right to make technical improvements without prior notice.

Technical Drawings

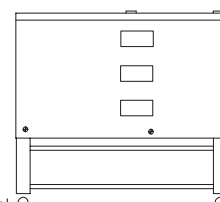
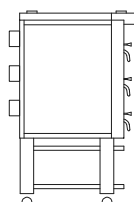
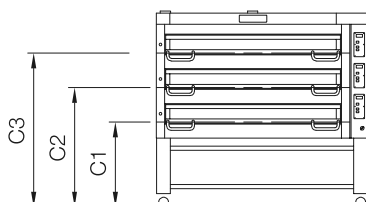
941
Front
Side
Rear



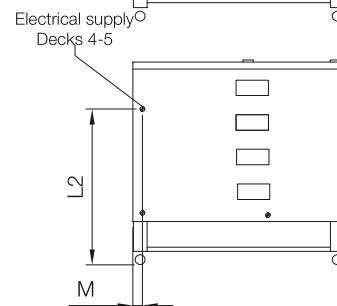
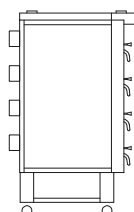
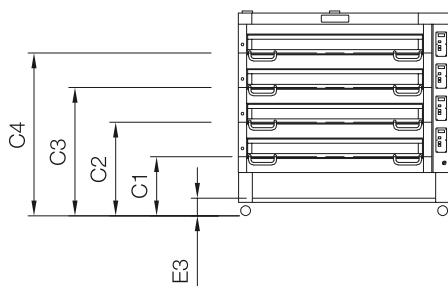
942
Front
Side
Rear



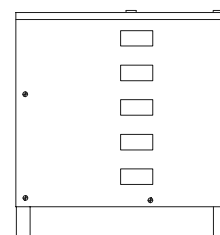
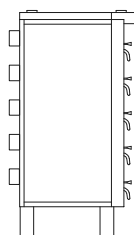
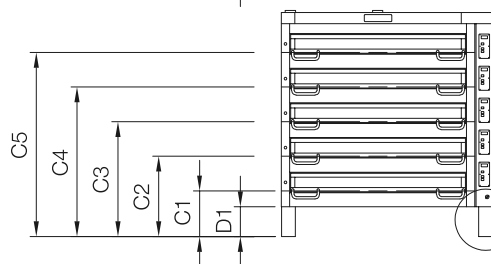
943
Front
Side
Rear



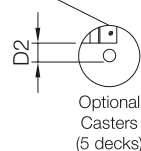
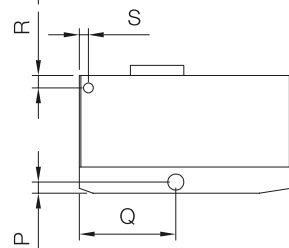
944
Front
Side
Rear



945
Front
Side
Rear



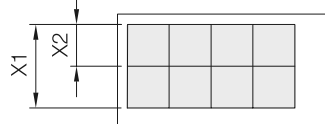
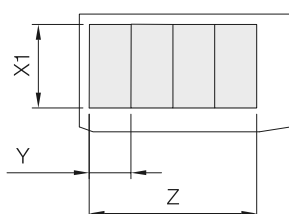
941 - 945
Top



Standard
Ceramic Clay Stones

Optional
Artisan High-Temperature Clay Stones

941 - 945
Baking Surface
Stone size



Notes

- Required 50 mm minimum clearance on all sides.
- Optional Steam System: Measurement "K" includes the required minimum clearance.
- Oven must be installed on a flat horizontal surface.
- Installation next to a deep fryer, hub, pasta cooker or similar equipment requires an optional Side Shield Panel.
- Optional Extra High Deck does not change the oven exterior height in measurement "B".

External Dimensions

See page 2	Description	Unit	941	942	943	944	945
A	Oven Width	mm	2274	2274	2274	2274	2274
B	Total Oven Height	a) With Hood (standard)	mm	1649	1818	1902	1987
		b) Without Hood	mm	1579	1748	1832	1917
C1	Height to Baking Surface, Deck 1 ¹⁾	a) Standard Deck	mm	1258	1088	833	579
		b) Extra High Deck (option) ²⁾	mm	1233	1063	808	554
C2	Height to Baking Surface, Deck 2 ¹⁾	a) Standard Deck	mm	-	1427	1172	918
		b) Extra High Deck (option) ²⁾	mm	-	1402	1147	893
C3	Height to Baking Surface, Deck 3 ¹⁾	a) Standard Deck	mm	-	-	1511	1257
		b) Extra High Deck (option) ²⁾	mm	-	-	1486	1232
C4	Height to Baking Surface, Deck 4 ¹⁾	a) Standard Deck	mm	-	-	-	1596
		b) Extra High Deck (option) ²⁾	mm	-	-	-	1571
C5	Height to Baking Surface, Deck 5 ¹⁾	a) Standard Deck	mm	-	-	-	-
		b) Extra High Deck (option) ²⁾	mm	-	-	-	-
D1	Height to Bottom of Oven (standard)	mm	1102	932	677	423	291
D2	Height to Bottom of Oven (for 5-deck ovens with optional casters) ³⁾	mm	-	-	-	-	184
E1	Height to Upper Sliding Shelf	mm	1021	851	596	-	-
E2	Height to Lower Sliding Shelf	mm	212	212	212	-	-
E3	Height to Fixed Shelf (option for 4-deck ovens)	mm	-	-	-	179	-
F	Shelf Width	mm	2127	2127	2127	2127	2127
G	Oven Depth, with Hood	a) Ventilation Hood (standard)	mm	1260	1260	1260	1260
		b) Extended Ventilation Hood (option)	mm	1390	1390	1390	1390
H	Oven Depth, without Hood	mm	1125	1125	1125	1125	1125
I	Depth of Sliding Shelf when Fully Extended	mm	539	539	539	-	-
J	Depth with Handles	a) Closed door	mm	1185	1185	1185	1185
		b) Open door	mm	1325	1325	1325	1325
K	Depth of Steam System (option)	mm	100	100	100	100	100
L1	Height Position for Electrical Supply, Decks 1-3 [± 25 mm]	mm	1188	1018	763	509	377
L2	Height Position for Electrical Supply, Decks 4-5 [± 25 mm]	mm	-	-	-	1526	1394
M	Width Position for Electrical Supply [± 50 mm]	mm	93	93	93	93	93
N	Height Position for Water Supply (with optional Steam System)	mm	1166	996	741	487	355
O	Width Position for Water Supply (with optional Steam System)	mm	1417	1417	1417	1417	1417
P	Depth Position for Front Ventilation (with Hood attached)	mm	110	110	110	110	110
Q	Width Position for Front Ventilation (with Hood attached)	mm	1049	1049	1049	1049	1049
R	Depth Position for Rear Ventilation	mm	122	122	122	122	122
S	Width Position for Rear Ventilation	mm	90	90	90	90	90
T	Height of Casters Only (1 to 4 decks)	mm	132	132	132	132	-
U	Height of Legs Only	mm	970	800	545	291	291
V	Height of Oven Only	a) With Hood (standard)	mm	547	886	1225	1564
		b) Without Hood	mm	477	816	1155	1494

Note 1) Add +12 mm for optional Artisan High-Temperature Clay Stones.

Note 2) Optional Extra High Deck does not change the oven exterior height in measurement "B".

Note 3) All other heights are lowered by 107 mm with optional casters for 5-deck ovens.

Internal Dimensions

See page 2	Description	Unit	941	942	943	944	945
X1	Stone size, depth - Ceramic Clay Stone (standard)	mm	920	920	920	920	920
X2	Stone size, depth - Artisan High-Temperature Clay Stone (option)	mm	460	460	460	460	460
Y	Stone size, width	mm	460	460	460	460	460
-	No. of Stones	a) Ceramic Clay Stone (standard)	pcs	4	4	4	4
		b) Artisan HT Clay Stone (option)	pcs	8	8	8	8
X1	Total baking surface, depth	mm	920	920	920	920	920
Z	Total baking surface, width	mm	1840	1840	1840	1840	1840
-	Total baking surface, area	m ²	1,7	1,7	1,7	1,7	1,7
-	Internal deck height	a) Standard Deck	mm	210	210	210	210
		b) Extra High Deck (option)	mm	245	245	245	245
-	Deck door opening height	a) Standard Deck	mm	146	146	146	146
		b) Extra High Deck (option)	mm	181	181	181	181

Packing Dimensions

Description	Unit	941	942	943	944	945
Net weight	kg	365	605	805	1001	1160
Gross weight (total)	kg	421	664	870	1066	1258
Size / Dimensions	a) Width	mm	2300	2300	2300	2300
	b) Depth	mm	1400	1400	1400	1400
	c) Height	mm	740	990	1340	1680
Volume	m	2,38	3,19	4,31	5,41	6,83

Guidelines for choosing the right oven

1. Measure the available space for the oven.
2. Determine the maximum capacity need per hour and average bake time.
(See capacity tables for guidance).
3. Note that different bake temperatures require separate decks.
4. Factor in time needed for loading and unloading pizzas.
5. Consider potential future expansion plans and the need for additional decks.



SmartIQ™
Oven
Configurator

Capacity tables

Round pizza (mm)	Capacity, per deck	Rectangular pizza (mm)		Capacity, per deck
		Length	Width	
200	43	800	600	12
250	23	762	457	6
300	18	700	500	5
330	15	660	457	3
350	12	650	530	3
400	8	630	470	5
450	8	600	400	3
500	5	600	450	4
600	3	400	300	3

Electrical

Voltage	Parameters (Per deck, unless specified)		Unit	941	942	943	944	945
230 V 1 ph + N 50/60 Hz	Max. Current ¹⁾		Amps	92,6	92,8	93,0	93,3	93,5
	Average Current at normal operation		Amps	32,4	32,5	32,6	32,6	32,7
	Min. Breaker (Type C is rec.)		Amps	101,9	102,1	102,3	102,6	102,8
	Max. Power		kW	21,3	21,3	21,3	21,3	21,3
230 V 3 ph 50/60 Hz	Max. Current ¹⁾		Amps	53,7	53,7	53,8	53,9	54,1
	Average Current at normal operation		Amps	18,8	18,8	18,8	18,9	18,9
	Min. Breaker (Type C is rec.)		Amps	59,0	59,0	59,1	59,3	59,5
	Max. Power		kW	21,3	21,3	21,3	21,3	21,3
400 V 3 ph + N 50/60 Hz	Max. Current ¹⁾	a) Per deck	Amps	31,0	31,0	31,1	31,3	31,5
		b) Single cable	Amps	31,0	62,0	92,9	-	-
		c) Dual cables ²⁾	Amps	-	-	-	92,9 + 31,0	92,9 + 62,0
	Average Current at normal operation	a) Per deck	Amps	10,8	10,8	10,9	11,0	11,0
		b) Total (oven)	Amps	10,8	21,7	32,6	43,8	55,2
	Min. Breaker (Type C is rec.)	a) Per deck	Amps	34,1	34,1	34,2	34,4	34,7
		b) Total (oven)	Amps	34,1	68,2	102,6	137,7	173,4
	Max. Power	a) Per deck	kW	21,3	21,3	21,3	21,3	21,3
		b) Total (oven)	kW	21,3	42,6	63,9	85,2	106,5

Note 1) Only at start-up (~20 min) with activated TurboStart or all heat zones at max.

Note 2) First cable for decks 1-3; Second cable for decks 4-5.

Ventilation

EPA 202 Tested	941	942	943	944	945
PizzaMaster electric deck ovens conform to ventilation recommendations set forth by ANSI/NFPA96 using EPA 202 test method. Grease-laden vapor test, EPA 202 (ventless requirement): 8 hr, Pepperoni pizza, < 5,00 mg/m3.	✓	✓	✓	-	-

How to install	Connection(s)				Air flow					
	Qty	Pos	Unit	Value	Unit	941	942	943	944	945
Factory Direct Vent. System (option) ¹⁾	1	Center	mm	200	m³/h	1249	1436	1623	1810	1998
Direct Ventilation ²⁾	2	Front	mm	160	m³/h	1249	1436	1623	1810	1998
		Rear	mm	100	m³/h	50	100	149	199	249
Under External Hood	-	-	-	-	m³/h	936	1077	1217	1358	1498

Note 1) Requires Extended Ventilation Hood.

Note 2) For best performance, Extended Ventilation Hood is recommended.

Exhaust temperature (See page 3 for measurement "B/b")			
Connection	Unit	"B/b" + 400 mm	"B/b" + 1000 mm
Center ¹⁾	°C	-	42
Front ²⁾	°C	46	42
Rear ²⁾	°C	115	109

Note 1) With optional Factory Direct Ventilation System.

Note 2) Without optional Factory Direct Ventilation System.

Heat emission ¹⁾						
Type	Unit	941	942	943	944	945
Total	kW	7,5	14,9	22,4	29,8	37,3
Sensible	kW	2,1	4,3	6,4	8,5	10,7
Latent	kW	5.3	10.7	16.0	21.3	26.6

Note 1) At normal operation, all decks running.

Water Only for Optional Steam System

Requirements	Value	Requirements	Value
Water drain	Not required	Connection	G 3/4"
Backflow protection	Required, not included	General water quality	Cold Drinking Water
Auto shut-off valve	Included	Water softener	Recommended
Incoming water pressure	0,2 - 0,4 MPa	Particle filter	Recommended

Water quality requirements	Unit	Value
Magnesium (Mg)	mg/l	< 30
Calcium (Ca)	mg/l	20 - 100
Hardness	dH	4,0 - 7,0
Acidity at 20°C	pH	7,5 - 8,5
Alkalinity (HCO)	mg/l	> 60