











Because we invented and patented RotoForno®, the first rotary oven for pizza

Because we also invented and patented **SU&GIU®**, the only rotary oven with the possibility of lifting the cooking surface

Because we do not copy we are imitated

Because we accept no compromise as regards the quality of materials

Because we have been on the market for more than 20 years and achieve continual evolution

Because our ovens are held in high regard in Italy and more than **50 countries world-wide**

Because our ovens have been chosen for the most important events dedicated to pizza, such as the World Pizza Chef Championships since 1995, as well as the French and Spanish Championships

Because we are in the avant-garde as regards technology, materials, lining and attractive design

Because our products have achieved:

European Certificate (F ()





Canadian Standards Association Certification



They are also in the process of achieving:

National Sanitation Foundation Certification USA

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Because we are inspired by **Passion**

















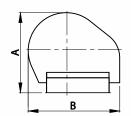
Rotary Oven RotoForno®

Speed and Ease of Use at the service of results

RotoForno is a registered trademark for MaranaForni's rotary ovens - products embodying all the features, characteristic quality and professionalism of the company.

The rotary cooking surface on all RotoForno models by MaranaForni is in high-density refractory material to ensure a superior thermal "flywheel" effect and is micro-perforated to assure the best possible cooking.

The Rotoforno, thanks to the rotation of the cooking surface invented by MaranaForni, is a tireless pizza assistant. All RotoForno models line are supplied ready to be covered so that they can be adapted to specific aesthetic and design needs.



	A*	В*	Pizza Capacity Ø 29	Pizza Capacity Ø 33
110	160	180	9	7
130	180	200	13	9
150	200	225	18	13

Measurements in centimetres *with variation of +/-1%















WOOD

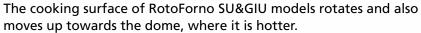
PELLETS

S COMBIN



Rotary Oven RotoForno® SU&GIU®

the top-selling MaranaForni® oven



Raising the cooking surface ensures better productivity since it is possible to cook optimally at different heights by always choosing the appropriate temperature for cooking pizzas. The lifting system can be used to heat the cooking surface more evenly and quickly because the temperature under the dome is 200 °C higher than for the base, since the cooking surface is entirely "embraced" by the flame.

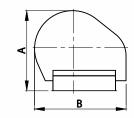
Even the RotoForno SU&GIU is supplied ready to be covered by clients in accordance with individual requirements.





	A*	В*	Pizza Capacity Ø 29	Pizza Capacity Ø 33
110	160	180	9	7
130	180	200	13	9
150	200	225	18	13

Measurements in centimetres *with variation of +/-1%



Full technical Information on pages 30-31









TROFEO 85

maximum functionality with minimum dimensions

Known as "Picinin" by everyone in the company.

"Trofeo 85" is its official name but this nickname (local dialect for "tiny") embraces the affectionate response that we and our clients have received with this oven that has REVOLUTIONISED the rotary oven market.

A diameter of just 140 cm embraces everything that MaranaForni® has managed to create to help the work of pizza chefs: the cooking surface, Evolution® Console, presetting for TurboLegna, interior lighting, presetting for the special closure of the oven door.



design line













GEA

the oven that makes the difference

GEA has arrived.

The rotary oven that changes all the rules: not only a work tool but something that makes your premises UNIQUE.

We are keen for people to talk about MaranaForni® as a company once again INNOVATIVE in terms of performances and design.

You asked us for an oven capable of making the DIFFERENCE. GEA 150 is the answer.

GEA is available with a 150 cm cooking surface.







RotoForno® pellet-fired oven

Cooking with a pellet-fired oven means:

All the QUALITY and image of wood.
All the SIMPLICITY and convenience of gas.
Clean and easy to use because pellets are
delivered in bags.
Purchase of a certified quality product
(max. humidity 6%-8%).
Savings since consumption is regulated by a
computer-controlled dosing unit/burner.
Ecology: pellets, when burnt optimally
as in MaranaForni ovens, are a fuel
that does not emit soot and 100%
ecologic/naturally renewable.

















Conventional Static oven

The traditional static oven

For those who prefer or still wish to use conventional static ovens, MaranaForni® also offers traditional models built as in the past but with all the dedication, materials and passion that only MaranaForni® can ensure.







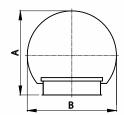




Rotary Oven TuttoTondo® TT and TQ models

functionality and fitting in a new form

Marana TuttoTondo rotary ovens embrace all the features of Rotoforno and RotoForno SU&GIU models while also offering an innovative oven finishing systems. The external shape and symmetrical position of the oven mouth allow a wide variety of finishes so that these ovens consequently adapt easily to any setting.



Full technical Information on pages 30-31

		A*	В*	Pizza Capacity Ø 29	Pizza Capacity Ø 33
85	5	130	130	5	4
95	5	140	150	7	5
11	0	165	175	9	7
13	0	185	195	13	9
15	0	205	215	18	13

Measurements in centimetres *with variation of +/-1%



plan view TT



front view

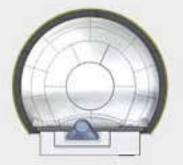


models available

TT 85

(rendering not to scale)

plan view TQ



front view



models available

(rendering not to scale) **TQ 85 TQ 95 TQ 110 TQ 130 TQ 150** All our rotary ovens are built using the best materials, following the best operational procedures, with shared technical features that are often unique on the pizza oven market, such as:

Shared construction characteristics

Fume discharge with diameter of 20 cm

The domes are reinforced externally by adjustable stainless steel bands that minimise settling movement

Self-supporting steel structure

Our console / control panels can be replaced ON SITE in just a few seconds

The entire oven is designed and engineered so that routine and special maintenance can be performed not only by our own qualified technicians but also by non-specialist personnel with minimal manual skills

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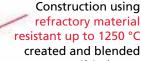
Electrical rotation motor - 220V / 0.13 kW The electrical motor for oleopneumatic lifting ststem (where envisaged) - 220 Volt / 0.33 kW Both motors are housed in a high strength steel box

The lifting movement of the cooking surface envisaged in SU&GIU® ovens is performed by an oleo-pneumatic mechanism that ALWAYS ensures slow descent

Our fire hatches are in cast iron with ceramic glass in the centre resistant to 750 °C of thermal shock

The oven door has a standard width of 59 cm; different sizes are available on request

Ash drawer and/or air inlet for combustion adjustment



created and blended by MaranaForni® in-house weighing an impressive 2800-3200 Kg/m3

The cooking surface is microperforated. Cooking surface rotation takes place through a safety clutch

The worktop is arranged at a standard height of 120 cm; on request, it may also be placed at different heights

The wood support wings

are in refractory steel and have specific rungs for keeping separate wood and embers from the cooking surface



SU&GIU® Lifting System Cooking Surface

Physics says that heat is stratified upwards. Consequently, the higher up inside an oven, the higher the temperature. Thanks to SU&GIU® - a MaranaForni® patent - you can manually or automatically adjust (using the Evolution Console) the height of the cooking surface.

This ensures enormous advantages:



Whenever required by work times and the type of cooking, or when the flame is not ideal, you can adjust the height of the cooking surface to achieve an excellent product while always maintaining the same cooking times - a fundamental requirement for constant quality.





Cooking surface heating

The rotary cooking surface, raised closer to the dome, is surrounded by the flame; this ensures 200 °C more heat and 700 °C of flame irradiation in contact with the cooking surface. In this way, the cooking surface is heated optimally and uniformly, without loss of time and without additional costs for other sources of heat.

Fuel savings

When work is quiet, it is pointless to burn fuel to keep the ENTIRE oven at an optimal temperature: you can use the cooking surface lifting system to cook pizzas closer to the dome where the temperature is higher.



IRRADIATION NORMAL COOKING SURFACE



DRAWING 1

Cooking plate

The special micro-perforated construction of the cooking surface, allowing pizzas to expel cooking moisture and deposit flour, and the high density cooking surface construction material achieving superior heat accumulation, ensure better, cleaner and more fragrant cooking.

The cooking surface construction material has an impressive specific mass of 2800-3200 Kg/m3 compared to classic refractory material weighing 1800-2200 Kg/m3. This allows better heat accumulation and a superior thermal "flywheel" effect. The type of inert refractory material used for the hop is about 6 times more resistant to abrasion than porphyry and is thereby must more resistant to scraping with the pizza shovel than conventional refractory materials.

The micro-perforated cooking surface quickly accumulates more heat since 50% more surface area is exposed to the flames (see the comparison in drawing 1).

Irradiation is an optimal way of transferring heat. Just think about how the Sun keep us warm despite very low outdoor temperatures.



TurboLegna

About 30% of the heat developed by wood comes from the embers. Since 10 kg of wood generate about 36-37 kW in an hour, we are talking about as much as 12 kW/h, ensuring the availability of an enormous amount of heat. Thanks to TurboLegna - the additional space made available underneath the cooking surface - the embers are used as a full-scale source of supplementary heat, without resistances and consequently WITHOUT EXTRA COSTS, thereby ensuring a hotter oven and cooking surface with less wood. The ashes also fall into a separate drawer, thereby helping the pizza chef to keep the cooking surface clean.



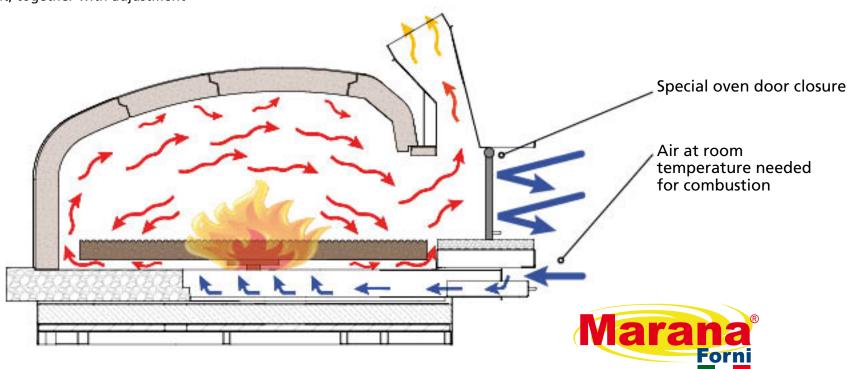


Special oven door closure

Since 10 kg of wood require 150-250 m³ of air to burn, the importance of controlling ventilation in a pizza oven is self-evident. It is precisely for this reason that innovation at MaranaForni did not stop with the cooking surface lifting system, inert construction materials or the corrugated cooking surface but was also extended to the oven door.

A detailed study of air flows helped us design a special closure for the oven door that, together with adjustment of flue draft, ensures optimal drawing and combustion, quicker attainment of required temperature and consequently lower fuel consumption and considerable savings in time and money.

Thanks to precise control of flows, the external air needed for fuel combustion NEVER passes over the cooking surface thereby cooling the pizzas, temperature inside the oven is more uniform and combustion more complete with less soot.





























MaranaForni® finishings

What most companies often view merely as an accessory, for MaranaForni becomes a source of innovation and uniqueness.

This is the case for our "oven finishings", normally known merely as external finishing or decoration; for MaranaForni, on the other hand, they were the cue for much more detailed study that culminated in a solution with unique features.

Here are just a few:

- installation speed (about 15 minutes)
- small footprint (the diameter increases by only 2 cm)
- lightweight, economic and easily reusable panels
- modular panels
- easy installation (no need for masonry work)

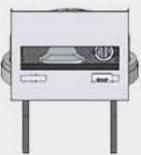
These features have helped us develop external finishes with a huge range of colours and patterns.

Other colours, patterns and finishes will be available soon, including the "Napoli" dome (previewed on the right).

Ask us or your dealer for more information.











TQ Model "FL" Finishing



TT Model "FH" Finishing



TT Model "FL" Finishing





Combinations of colour and surface finishes help create a great many customised results.

These are just a few of the combinations available.

Ask us or your dealer for more information.











Presettings for methane gas / LPG / Combined*

Methane gas / LPG

Possibility of installing methane gas or LPG as primary fuel sources or in combination with wood or pellets. Thanks to specifically calibrated burners and adjustments for primary and secondary air, you can set a long flame with irradiation and heating similar to a wood fire.

Presetting on request for RotoForno®, TuttoTondo®, Trofeo, GEA ovens







Presettings for methane gas / LPG / Combined*

Pellets

Possibility of installing pellets as the primary source or in combination with wood or methane gas / LPG. The computer-controlled STEP FIRE CONTROL burner patented by MaranaForni® automatically doses pellets to use the optimal quantity of fuel during heating and cooking stages.

Presetting on request for RotoForno® and RotoForno® SU&GIU® ovens.





Command console

All control consoles for Marana ovens are developed by MaranaForni itself, just like the rotation and lifting movement of the cooking surface. The consoles boast unique, very advanced features, such as:

- temperature display;
- cooking time display;
- beeper at end of cooking time;
- adjustable rotation speed to suit specific needs;

ROTOLIGHT Console

 once preferences have been set, the joystick alone suffices to operate the oven.

All the features of the Rotolight Console in a thickness of just 4 mm. Sturdy: because the frame is machined from solid aluminum. Functional: because integration is possible with any aesthetic solution.



Design line for rotary ovens



For rotary ovens



For rotary SU&GIU ovens

Emergency console

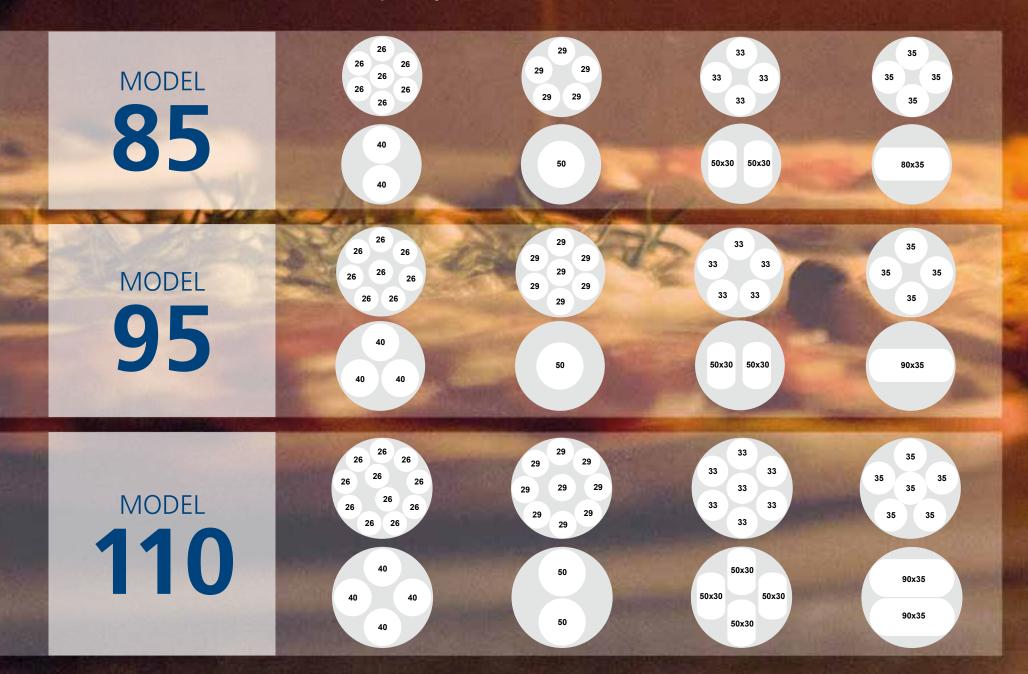
Patch Control Unit

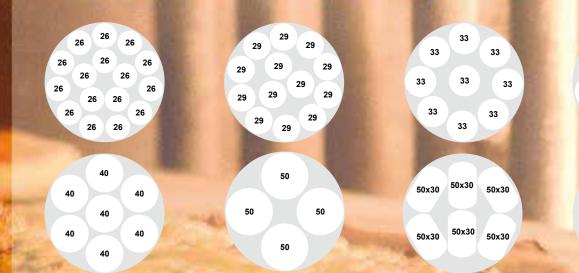


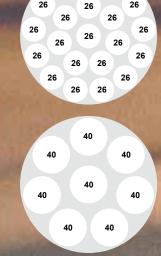
The Patch control unit, supplied only by MaranaForni and available on request for all rotary and SU&GIU® ovens, ensures peace of mind in having a backup Console so they manual rotation controls are ALWAYS available for for RotoForno® and Tuttotondo® models, manual rotation controls, as well as cooking surface lifting for SU&GIU® models.

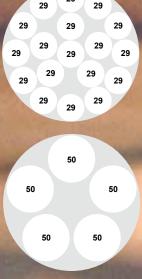


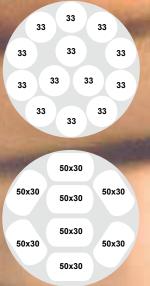
Pizza capacity for oven model

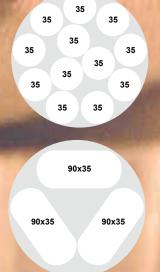












90x35

90x35

Technical information, weights and measures

Technical data subject to modification without advance notice

Ro	tol	orı	10®
Ro	tol	ori	no®
	SU	&G	IU®

Model	Weight	Weight External Dimensions (depth x width) Variation of +/-1%		Ø Flue GAS (suggested)	
110	1700 kg	160x180 cm	20/25 cm	20 cm	
130	1800 kg	180x200 cm	20/25 cm	20 cm	
150	2000 kg	200x225 cm	25 cm	20 cm	

TuttoTondo® TuttoTondo® SU&GIU®

Model	Weight	Weight External Dimensions (depth x width) Variation of +/-1%		Ø Flue GAS (suggested)	
85	700 kg	130x130 cm	20 cm	20 cm	
95	1100 Kg	140x150 cm	20 cm	20 cm	
110	1700 kg	165x175 cm	20/25 cm	20 cm	
130	1800 kg	185x195 cm	20/25 cm	20 cm	
150	2000 kg	205x215 cm	25 cm	20 cm	

DESIGN TROFEO and GEA

Model	Weight	External Dimensions (depth x width)	Ø Flue WOOD (suggested)	Ø Flue GAS (suggested)
TROFEO 85	800 kg	145x145 cm	20 cm	20 cm
GEA 150 suspended	2600 kg	222x222 cm	25 cm	20 cm
GEA 150 aelf-supporting	3200 kg	245x295 cm	25 cm	20 cm

STATIC TRADITIONAL

	A SHEET MANAGEMENT OF THE PARTY	ACCORDING TO A STATE OF THE STA	THE RESIDENCE OF THE PROPERTY
Model	Weight	Ø Flue WOOD (suggested)	Ø Flue GAS (suggested)
110	700 kg	20/25 cm	20 cm
120	900 kg	25 cm	20 cm
140	1300 kg	25 cm	20 cm
160	1600 kg	25 cm	20 cm
180	1800 kg	25 cm	20 cm

Hourly fuel consumption

The following data are shared by all MaranaForni® ovens on the basis of cooking surface diameter and other parameters*

	HEATING					COOKING				
	WOOD kg	METHANE m³	LPG kg	PELLETS kg	kW	WOOD kg	METHANE m³	LPG kg	PELLETS kg	kW
MODEL 85	5,4	2,1	1,5	-	20,0	2,2	0,8	0,6	-	8,0
MODEL 95	7,5	2,9	2,1	-	27,0	2,7	1,0	0,7	-	9,1
MODEL 110	9,1	3,5	2,5	6,9	34,0	3,3	1,3	0,9	2,5	12,3
MODEL 130	9,1	3,5	2,5	6,9	34,0	4,6	1,8	1,3	3,5	17,1
MODEL 150	9,1	3,5	2,5	6,9	34,0	5,3	2,1	1,5	4,0	19,6

^{*} Hourly consumption is calculated as the average figure with the oven operating and is subject to several variables, such as: fuel yield; percentage of humidity in the wood, gas pressure, experience and capacity of people using the oven, drawing quality, ...

Average fuel yield

WOOD 1 kg = 3.7 kW METHANE GAS 1 m³ = 9.5 kW **GAS LPG** 1 kg = 13.1 kW

PELLETS 1 kg = 4.9 kw

On request of installation technicians, we can provide the fume study conducted by IMQ based on the DIN 18891 standard

How to install

Our ovens are designed to be transported and installed in locations with doors having a minimum width of 70 cm.

Pre-assembled ovens can be loaded on trucks providing the securing instructions are followed and, once the vehicle has stopped, can be put into operation.

WOOD

Cooking with wood is the classic tradition for pizza.

MaranaForni® proposes a "box" (wood support grill) in AISI 321 refractory steel resistant to high temperatures with a 3-year warranty. Thanks to yet another MaranaForni® patent, the embers produced by combustion can be used to supplement cooking surface heating by moving them into the TurboLegna brazier.

One of the innovations implemented by MaranaForni® involved moving the brazier to the side of the cooking surface, thereby separating the cooking and combustion zones with a plate. The wood is fed into the oven through a oven door on the side of the pizza opening so that it does not pass over the cooking surface.

This MaranaForni® patent helps keep your cooking surface perfectly clean.

GAS

Gas combustion allows better cleaning inside the oven and easier work management.

The flame is at the same level as the cooking surface.

This ensures "direct cooking": the pizza is exposed to the flame just as in classic wood-fired ovens.

The atmospheric burner is controlled in relation to heating or cooking requirements.

There are adjustments for primary and secondary air that ensure irradiation and heating typical of wood-fired systems.

Methane gas or LPG is used for combustion.

PELLETS

"Pellets" are ovular cylinders of wood sawdust compressed without any bonding agent.

Using pellets to all intents and purposes is the same as using wood - renowned as the traditional, oldest and most natural cooking system. When using a suitable burner, pellets produce very little smoke and soot; since the humidity percentage is very low (6%-8%), they ensure a calorie yield higher than that of logs of wood.

The glare inside the oven is sunny so that the image of your pizzeria will be that of a pizzeria with a wood-fired oven.

Pellets, like gas combustion, ensure easy flame management with the difference of providing the typical result of a wood oven. The pellet cooking system (MaranaForni® patent) envisages a computerised burner (FIRE STEP CONTROL®) used to manage and adjust the flame by selecting the irradiation and temperature most suited to required cooking.

Manual insertion of wood is eliminated and replaced by loading the product when starting the oven and in the event of prolonged work during the day.

The burner does all this automatically, dosing the pellets needed for the required flame - so you only burn what is needed.

There are many advantages in using pellets: flame and irradiation are identical to wood, while the fuel loading procedure is entirely automatic; in particular, the pizza chef never has to touch the pellets, thereby perfectly observing HACCP regulations.

Pellets are supplied in bags: this means that they can be stored anywhere in very little space and without dirtying the storage place.







Choose your oven V

TYPE OF PREMISES	PIZZERIA	TAKEAWAY PIZZERIA	RESTAURANT	Notes:
PRODUCTION REQUIRED	N. OF PLACES	PIZZA DIAMETER	PIZZAS / HOUR REQUIRED pizza/h	
TYPE OF COMBUSTION	WOOD GAS	PELLETS	COMBINED DOD GAS PELLETS	
OVEN MODEL	STATIC	ROTARY ROTARY SU	&GIU DESIGN	
ADDITIONAL HEATING	TURBO-WOOD		TURBO-GAS	
FINISHED COVERING	TO BE FINISHED		FINISHED	

RotoForno®? SU&GiU®? Explain yourselves better!

Everyone knows that something is impossible to make until some fool comes along who hasn't heard and does it

Albert Finstein

"Why invent a new pizza oven when pizzas are always cooked in exactly the same way?"

Because someone also asked other questions:
"Why turn pizzas one by one if I can turn them all in one go?"
"Why lift pizzas one by one if I can lift them all in one go?"

"IMPOSSIBLE!"

All the most ingenious intuitions come up against the "impossible" hurdle. Then someone comes along with firm beliefs to fight against "the impossible". He observes how something works for a long time before realising how it could work better.

He knows that heat tends to be distributed uniformly, noticing that pizza chefs turn and move pizzas on the cooking surface so that they cook properly.

He knows that heat tends to move upwards, noticing that pizza chefs - when the temperature is not ideal, the flame is not intense enough or the pizza needs a little more cooking - lift pizzas with their shovels. He watches and deduces that the ideal would be to have a cooking surface that could be turned and even lifted.

"IMPOSSIBLE!"

He heard it so many times that it always raises a smile.

The first rotary oven is ready. Now's the time to find the first client. "IMPOSSIBLE!"

The first clients, probably visionaries just like him, came along. The time arrived to grow, to become a company.

"IMPOSSIBLE!"

By now, there are many clients in Italy. The time has come to adventure abroad.

"IMPOSSIBLE!"

"IMPOSSIBLE!"

"IMPOSSIBLE!"

The company now operates in 50 countries worldwide.

This is not the history of inventing a new type of oven, but the demolition of a fallacy.

This is how the Marana RotoForno®, the first rotary oven, and SU&GIU®, the first and ONLY rotary oven with the possibility of adjusting cooking surface height, came about.



ALBANIA
AUSTRALIA
AUSTRIA
BELGIUM
CANADA
CANARY ISLANDS
CHINA
COLOMBIA
CROATIA
CZECH REPUBLIC
DENMARK
ECUADOR
EGYPT
ENGLAND

FINLAND

GERMANY

IRAN

IRELAND

LUXEMBOURG

MEXICO **MOROCCO NETHERLANDS** NETHERLANDS ANTILLES (NORWAY OMAN **POLAND PORTUGAL** OATAR REPUBLIC OF PANAMA REPUBLIC SAN MARINO ROMANIA **SENEGAL** SERBIA **SINGAPORE SLOVAKIA SLOVENIA SOUTH KOREA SPAIN SWEDEN**

SWITZERLAND

UNITED ARAB EMIRATES

UNITED KINGDOM

UNITED STATES

TUNISIA

UKRAINE

Italian cities where we are present;

AGRIGENTO ALESSANDRIA ANCONA AOSTA AREZZO ASCOLI PICENO ASTI BAR BARLETTA BELLUNO BENEVENTO BERGAMO BIELLA **BOLOGNA BOLZANO BRESCIA** BRINDISI CAGLIARI CALTANISSETTA/ CAMPOBASSO CARBONIA-IGLESIAS CASERTA

CREMONA CUNEO **ENNA FERRARA FLORENCE FOGGIA** FORLÍ CESENA **FROSINONE GENOA GORIZIA GROSSETO IMPERIA** L'AQUILA ŁA SPĖZIA LATINA ી,ECCE ત LECCO) LIVORNÒ LODI LUCCA **MACERATA** MANTUA MASSA CARRARA MATERA **MESSINA**

COSENZA

MILAN MODENA **MONZA** NAPLES NOVARA NUORO **ÖGLIASTRA OLBIA ORISTANO PADUA PALERMO PARMA PAVIA PERUGIA PESARO URBINO PESCARA PIACENZA** PISA PISTOIA PORDENONE **POTENZA PRATO RAVENNA** REGGIO CALABRIA **REGGIO EMILIA** RIETI

RIMINI **ROME ROVIGO SALERNO** SASSARI **SAVONA** SIENA **SIRACUSA SONDRIO TARANTO TERAMO TERNI TURIN** TRAPANI **TRENTO TREVISO** TRIESTE UDINE **VARESE VENICE VERBANIA VERCELLI VERONA** VICENZA VILLACIDRO-SANLURI **VITERBO**

The inventors of the su&giu rotary pizza over

CATANIA

CHIETI

COMO

CATANZARO/



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