



**minipack® - torre**

**UNEXPECTED IDEAS**

**Minipack-Torre S.p.A.**

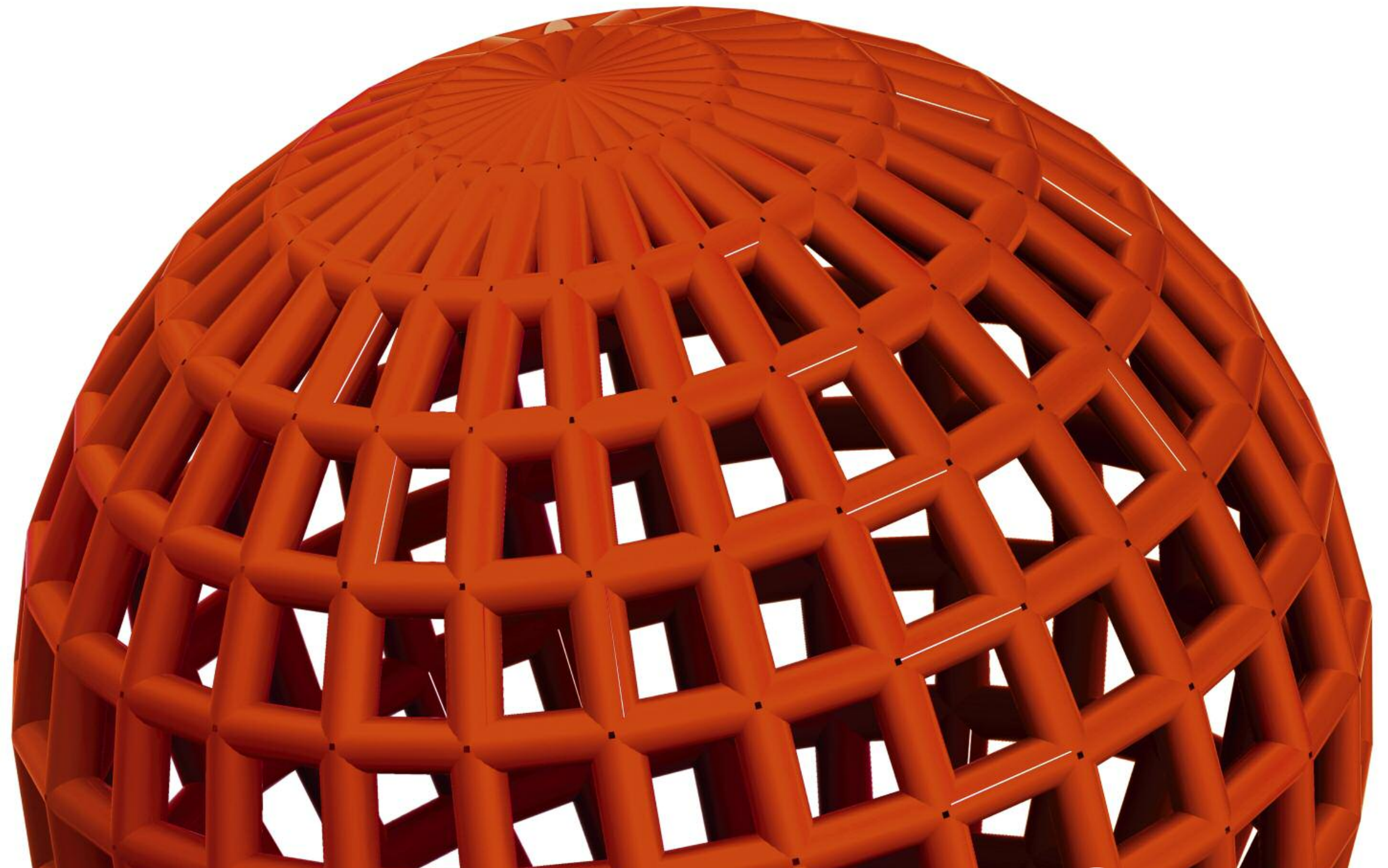
Via Provinciale, 54 - 24044 Dalmine (BG) - Italy  
Tel.: +39.035563525 - Fax +39.035564945  
www.minipack-torre.it - info@minipack-torre.it

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**Idépack Verpakkingmachines BV**  
Zeilmaker 8  
NL-3861 SM Nijkerk  
THE NETHERLANDS  
Tel. +31(0)33 299 00 08  
[www.idepack.com](http://www.idepack.com)  
[info@idepack.com](mailto:info@idepack.com)

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**COMPACT MACHINES**

**MINIPACK-TORRE**



# MINIPACK-TORRE. UNEXPECTED IDEAS

## FACILITIES

### HEADQUARTERS

MINIPACK-TORRE is located in Dalmine, a few kilometres far from Bergamo. Here there are the Finance & Control and the R&D department, as well as the shrinking and vacuum manufacturing facilities. At present time the manufacturing plant is the core of the company. This is equipped with advanced and flexible tools and CNC machines for the production of all the mechanical components.

### SALES DEPARTMENT

According to the policy of the company to expand and consolidate itself on the market, since some years a new building has been realised near the Headquarters. Inside there is: the sales department, the warehouse and logistic department, a 100 seat theatre for sales meeting and technical training and, last but not least, a wide show room where the whole range of machines is displayed. These are always at distributors and customers disposal for all the kind of tests to be made.

### STEELWORKS

Situated in the manufacturing plant in Osio Sotto (Bg), close to the Headquarters, there is the completely automated steelworks, with Hi-Tech equipment for the production of all the chassis.

Ten world-wide patented models, four technological advanced production facilities (one completely automated), a world-wide distribution network, a widespread technical assistance, the Certificate of Quality UNI EN ISO 9001:2000: this is what today MINIPACK-TORRE is.

In more than 30 years the company has gained a world-wide leader position in the packaging machines field. Any equipment provided is reliable, ensures a good productivity and always impresses for the great ideas which has.

### R&D.

Every year 5% of the general turnover is invested in R&D. This continuous research allows MINIPACK-TORRE to always be on the top level of a market which is constantly in evolution. Thanks to the R&D department the company is always able to offer new advanced and reliable packaging systems.

### SAFETY: TOP PRIORITY.

More than others, MINIPACK-TORRE has taken into great consideration the safety of the operators of their machines. That is why they deeply and continuously studied and developed new safety systems.

### HI-TECH MANUFACTURING PLANTS.

The manufacturing plants are completely automatised. The staff is continuously working in order to fulfil any specific and customised requirements from all the customers.

### GOING-OVER CONTROLS.

All the materials and components are of first quality. Moreover each production step is supervised by technical skilled employees, each machine is submitted to strict tests and to a long final inspection before being delivered.

### QUALITY POLICY.

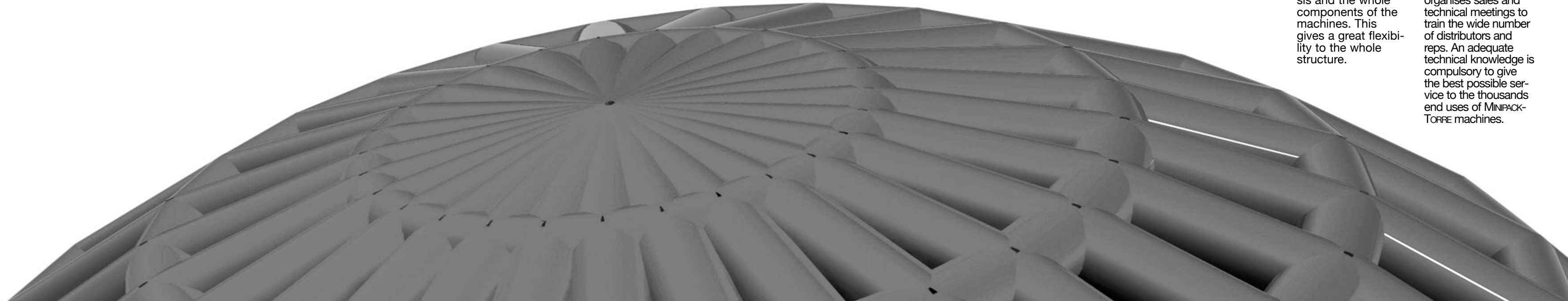
The two Certificates of Quality UNI EN ISO 9001 - VISION 2000 obtained in the year 2001 represent an important goal and a never-ended engagement to satisfy the customers thanks to a strict quality control procedure in production, commercial services and after sales assistance.

### DESIGN AND PRODUCTION.

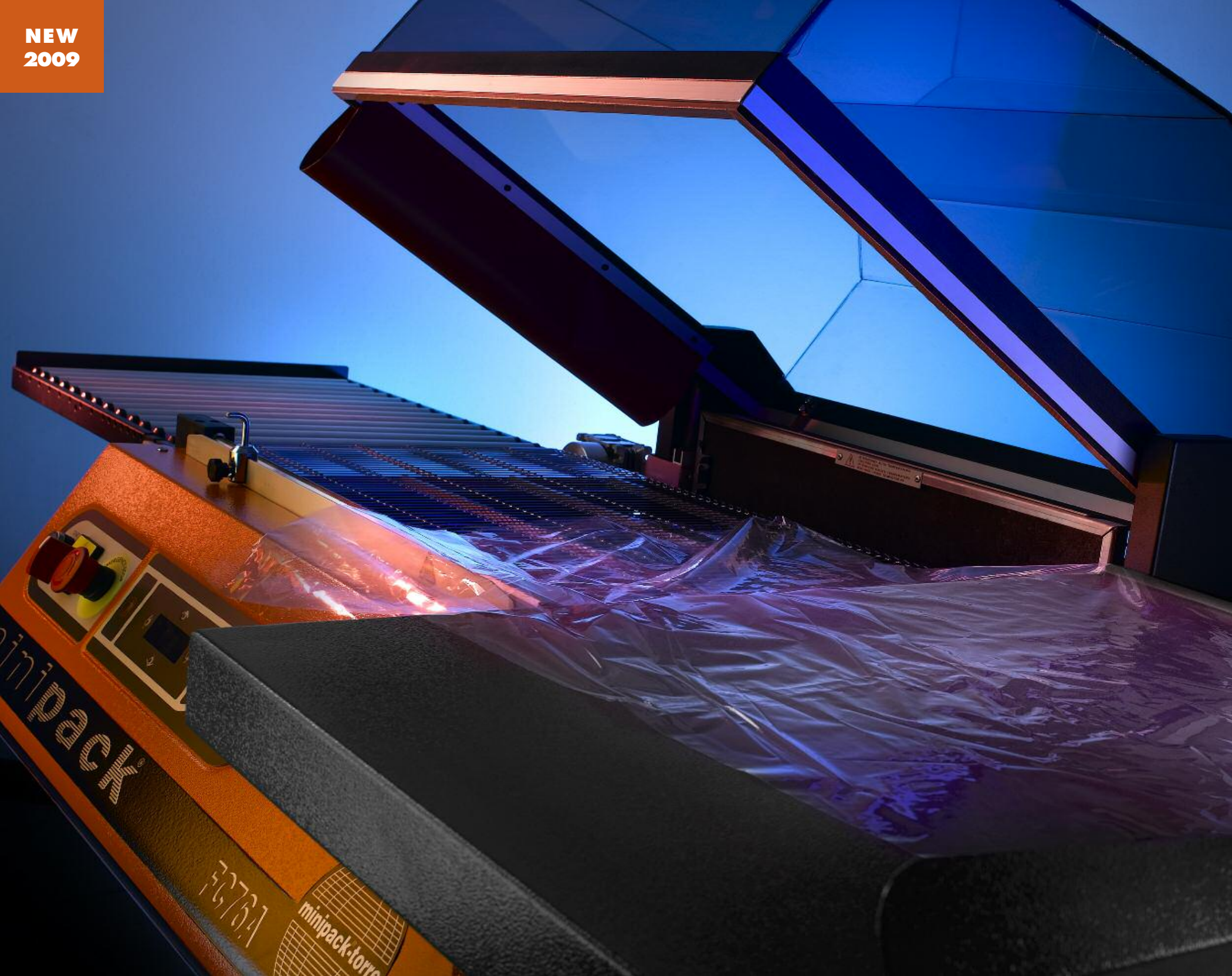
We believe that in order to achieve goods results, every single project has to be personally followed from the beginning to the end. At MINIPACK-TORRE all the steps of a project are entirely developed inside the company. That is why a steelworks has been created inside the company to build all the chassis and the whole components of the machines. This gives a great flexibility to the whole structure.

### WIDESPREAD COMMERCIAL NETWORK AND AFTER SALES ASSISTANCE

Thanks to 2 sister companies in France and in the United States along with more than 110 sales distributors all over the world (25 of which just in Italy) MINIPACK-TORRE is able to provide a widespread and efficient sales network. Moreover the after sales department along with the commercial staff of MINIPACK-TORRE regularly organises sales and technical meetings to train the wide number of distributors and reps. An adequate technical knowledge is compulsory to give the best possible service to the thousands end uses of MINIPACK-TORRE machines.



NEW  
2009



## TECHNOLOGICAL WORLD-WIDE PATENT

FC and RP are the latest MINIPACK-TORRE's **innovative patented** manual packaging systems.

The quality and excellence of these products are guaranteed by the manufacturer's extensive experience in this sector.

The new technological innovations on these equipment facilitate the production speed and increase safety and comfort for the operator.

FC and RP represent the future of the chamber machines.



## FC-RP LINE

## IDEAS MUST GO ON.

MINIPACK-TORRE S.P.A. was born more than 30 years ago thanks to the idea of a compact shrinking machine. The idea was patented in 1976 and, since then, has been a success.

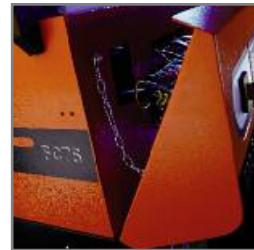
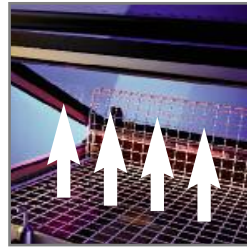
However ideas cannot be stopped and today the company is launching a new line which is the result of many years of experience.

This represents the summa of the compact machines by MINIPACK TORRE: easy to use, solid and reliable. The FC LINE has a fresh design and solid structure, an electronic of new generation, and several other technical improvements which improve even more the performances of these machines. The RP LINE offers basic products without renouncing to the top quality. Every idea by MINIPACK-TORRE is always unique!

# FC LINE NEWS FOR ALL RANGE MODELS.



A new patented electronic system allows the fan to stop immediately before the chamber opening. In this way there is less heating dispersion (= 20% of energy saving) and more comfort for the operator.



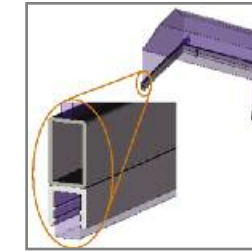
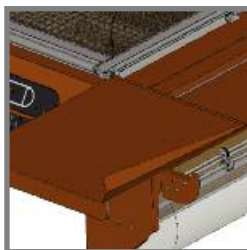
The control board has 10 programs where the customer can choose all the settings: fan delay, temperature of the heating panel, time of sealing and shrinking, counterpieces. The position of the control panel allows an easy access to the operator for a better a faster maintenance.

Ergonomic control panel, placed on the front of the machine with a new control board. The membrane switch has a 3 number display and is waterproof.



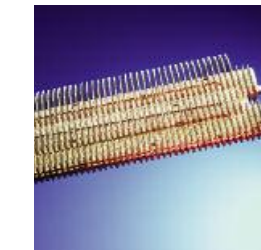
The height of the screened plate has been increased in order to protect the heating panel. This is an advantage both for the operator and the machine maintenance.

The working plate is independent from the film roll support and wider (the same dimension as the inner packaging chamber). This allows to pack even the smallest products.



No more pin locks for the chamber. With the new system the chamber is directly attached to the frame for a better and faster maintenance.

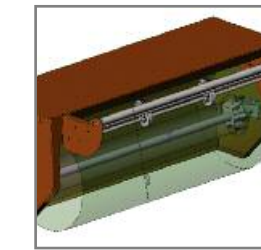
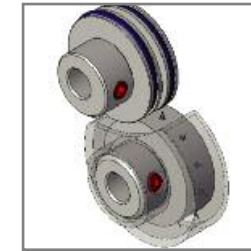
On all the FC models the sealing blade cooling system allows to work with any kind of film; even the thinnest ones. The sealing blade life will be increased.



The new patented heating element allows 20% of energy saving and lasts more than the previous one.



An innovative and unique solution of micro-perforators which guarantees always the best perforation of the film.



The film roll support has been increased and now allows the use of roll up to 250 mm diameter. Very useful with crusted film for bread.

# FC LINE ADVANTAGES FOR THE AUTOMATIC MACHINES.



The new control board can control, by inverter, the speed of the exit belt. Result: the productivity, in case of stable products, increases and there is a saving in time and energy.

Control board with 10 storable programs and LCD screen for a better visibility.



The new control board can control also the speed of the fan so that even the lightest product can get the best shrink.



# UNEXPECTED IDEAS.



The new control board can control the opening of the lid according to the height of the product to be packed. Increase in productivity and saving in energy.



A new safety system on the lid increases the security of the operator.



A new patented electronic system allows the fan to stop immediately before the chamber opening. In this way there is less heating dispersion (= 20% of energy saving) and more comfort for the operator.

# FC LINE



## TECHNICAL DATA

		<b>FC75 BASIC</b>	<b>FC75 STAND.</b>	<b>FC76 BASIC</b>	<b>FC76 STAND.</b>	<b>FC76 SA</b>	<b>FC76 C</b>	<b>FC76 A</b>	<b>FC77</b>	<b>FC77 A</b>
Power Supply	V	200/230	200/230	200/230	200/230	230/400	200/230	200/208/230/400	200/208/230/400	200/208/230/400
Max. power	kW	2,6	2,6	3,15	3,15	3,6	3,15	3,6	5,1	6,6
Max. Output *	p/h	0-300	0-300	0-300	0-300	0-650	0-650	0-650	0-300	0-350
Sealing bar dimensions	mm /in	420x280 / 11x17	420x280 / 11x17	540x390 / 21x15	540x390 / 21x15	540x390 / 21x15	540x390 / 21x15	540x390 / 21x15	840x590 / 33x23	840x590 / 33x23
Sealing bar cooling system		STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Stand		-	STANDARD	-	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Waste Winder		-	STANDARD	-	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Stop shrinking fan		STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Max. film roll dimensions	mm /in	Ø250x500 / Ø10x20	Ø250x500 / Ø10x20	Ø250x600 / Ø10x24	Ø250x600 / Ø10x24	Ø250x600 / Ø10x24	Ø250x600 / Ø10x24	Ø250x600 / Ø10x24	Ø300x800 / Ø12x31	Ø300x800 / Ø12x31
Working plate height	mm /in	/	920 / 36 (with stand)	/	920 / 36 (with stand)	920 / 36 (with stand)	920 / 36 (with stand)	920 / 36 (with stand)	950 / 37	950 / 37
Machine dimensions (with open hood)	mm /in	1160x700x670 / 46x28x27	1160x700x1220 / 46x28x49	1260x810x720 / 50x32x29	1260x810x1310 / 50x32x52	1450x810x1310 / 58x32x52	1260x810x1310 / 50x32x52	1450x810x1310 / 58x32x52	1950x1000x1480 / 78x40x59	2140x1000x1480 / 85x40x59
Machine dimensions (with closed hood)	mm /in	1160x700x570 / 46x28x23	1160x700x1120 / 46x28x45	1260x810x600 / 50x32x24	1260x810x1165 / 50x32x46	1450x810x1165 / 58x32x46	1260x810x1165 / 58x32x46	1450x810x1165 / 58x32x46	1950x1000x1180 / 78x40x47	2140x1000x1180 / 85x40x47
Packed machine dimensions	mm /in	1330x1080x880 / 53x43x35	1330x1080x880 / 53x43x35	1330x1080x880 / 53x43x35	1330x1080x880 / 53x43x35	1520x1080x880 / 61x43x35	1330x1080x880 / 53x43x35	1520x1080x880 / 61x43x35	2180x1040x1430 / 87x42x57	2180x1040x1430 / 87x42x57
Machine weight (net/gross)	Kg /Pound	70-100 / 32-45	75-105 / 34-47	85-115 / 38-52	90-120 / 41-54	130-177 / 59-80	90-120 / 41-54	130-177 / 59-80	215 / 98	300 / 136
Stand dimensions	mm /in	/	1000x510x480 / 40x20x19	/	1100x630x480 / 44x25x19	1100x630x480 / 44x25x19	1100x630x480 / 44x25x19	1100x630x480 / 44x25x19	/	/
Packed stand dimensions	mm /in	/	1120x642x184 / 45x26x7	/	1120x642x184 / 45x26x7	1120x642x184 / 45x26x7	1120x642x184 / 45x26x7	1120x642x184 / 45x26x7	/	/
Stand weight (net/gross)	Kg /Pound	/	14,5-16,5 / 7-8	/	20-22 / 9-10	20-22 / 9-10	20-22 / 9-10	20-22 / 9-10	/	/

## OPTIONAL

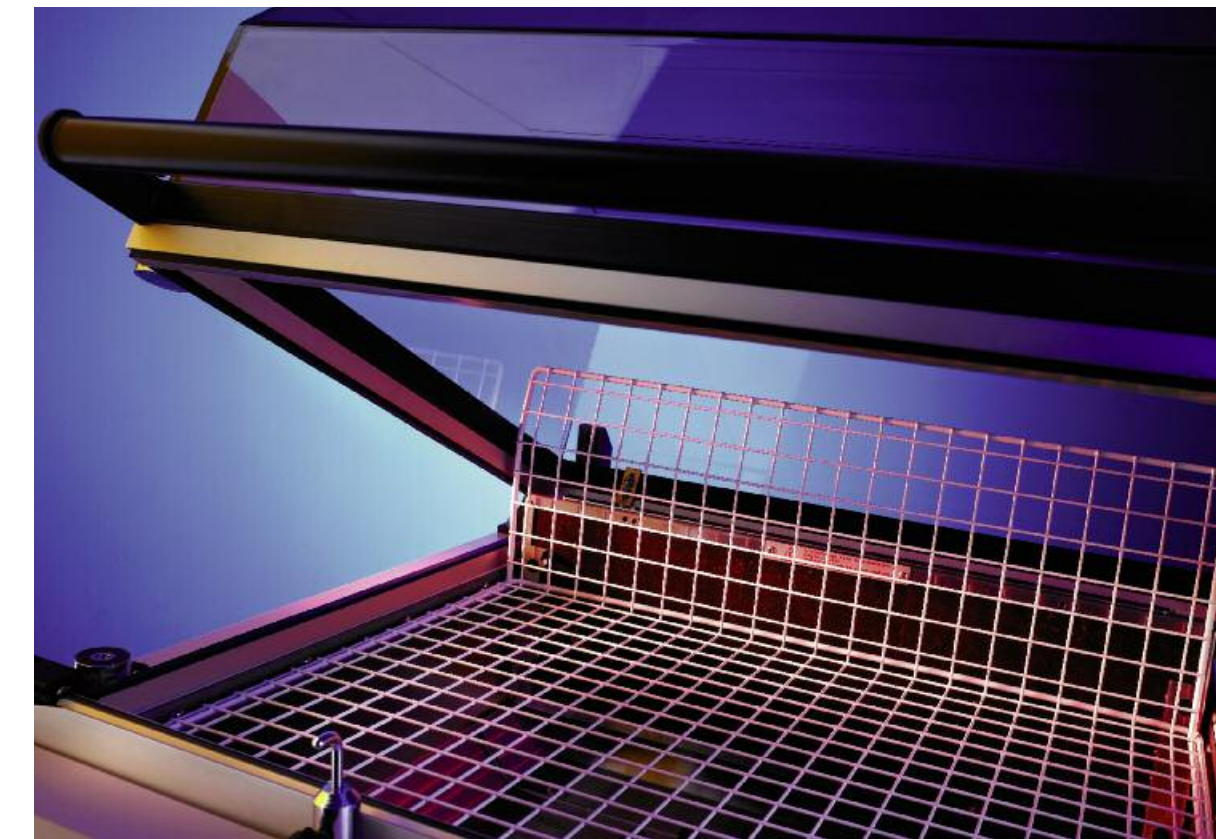
Stainless Steel entry plate	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Fan exhauster	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Opening film blower	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Second roll support	-	YES	-	YES	YES	YES	YES	YES	-	-
Opening film iron sheet	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Second shrinking magnet	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Second film roll support	-	YES	-	YES	YES	YES	YES	YES	-	-
1mt film roll support	-	-	-	-	-	-	-	-	YES	YES
High hood (h.300 mm /12 in)	-	-	YES	YES	YES	YES	YES	YES	YES	YES
Basket hood (h.490 mm /20 in)	-	-	-	-	-	-	-	-	YES	YES
Exit roll	-	-	-	-	-	YES	-	YES	-	YES



## RP LINE

**BORN TO BE A STAR.**

Equipped with all the latest and exclusive technical features of the FC LINE, the RP is a more competitive version of the new compact line. It has been conceived in a mirror way to the FC LINE both in the manual and automatic models adding also a couple of table-top models. Convenient legs equipped with casters substitute the standard stand while the waste-rewind, the sealing bar cooling system, the electronic fan block and other advantages, as standard on the FC LINE, can be mounted as optional. In a word the RP LINE conjugates the high technological contents with an essential and compact line. We point to the substance without losing the excellence as on all the other MINIPACK-TORRE machines.



# RP LINE



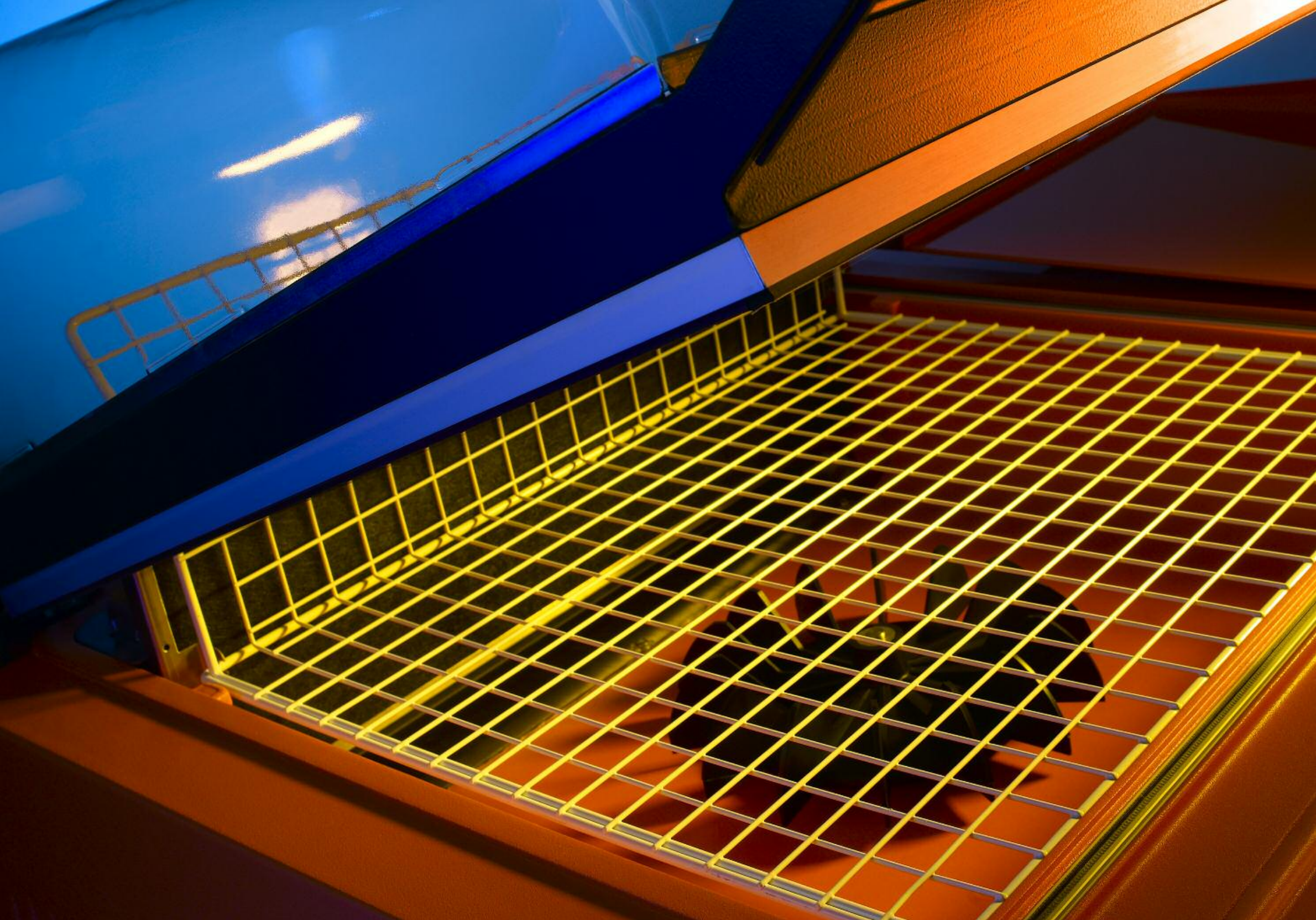
## TECHNICAL DATA

		RP40 BASIC	RP40 STAND.	RP55 BASIC	RP55 STAND.	RP55 SA	RP55 C	RP55 A	RP85	RP85 A
Power Supply	V	200/230	200/230	200/230	200/230	230/400	200/230	200/208/230/400	200/208/230/400	200/208/230/400
Max Power	kW	2,6	2,6	3,15	3,15	3,6	3,15	3,6	5,3	6,6
Max. Output *	p/h	0-300	0-300	0-300	0-300	0-650	0-650	0-650	0-300	0-350
Sealing bar dimensions	mm /in	420X280 / 11x17	420X280 / 11x17	540X390 / 21x15	540X390 / 21x15	540X390 / 21x15	540X390 / 21x15	540x390 / 21x15	840X590 / 33x23	840X590 / 33x23
Sealing bar cooling system		OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	STANDARD	OPTIONAL	STANDARD	OPTIONAL	STANDARD
Max. film roll dimensions	mm /in	Ø250X500 / Ø10x20	Ø250X500 / Ø10x20	Ø250X600 / Ø10x24	Ø250X600 / Ø10x24	Ø250X600 / Ø10x24	Ø250X600 / Ø10x24	Ø250X600 / Ø10x24	Ø300X800 / Ø12x31	Ø300X800 / Ø12x31
Working plate height	mm /in	/	920 / 36 (with legs)	/	920 / 36 (with legs)	920 / 36 (with legs)	920 / 36 (with legs)	920 / 36 (with legs)	950 / 37	950 / 37
Machine dimensions (with open hood)	mm /in	1160x700x670 / 46x28x27	1160x700x1220 / 46x28x49	1260x810x720 / 50x32x29	1260x810x1310 / 50x32x52	1450x810x1310 / 58x32x52	1260x810x1310 / 50x32x52	1450x810x1310 / 58x32x52	1950x1000x1480 / 78x40x59	2140x1000x1480 / 85x40x59
Machine dimensions (with closed hood)	mm /in	1160x700x570 / 46x28x23	1160x700x1120 / 46x28x45	1260x810x600 / 50x32x24	1260x810x1165 / 50x32x46	1450x810x1165 / 58x32x46	1260x810x1165 / 58x32x46	1450x810x1165 / 58x32x46	1950x1000x1180 / 78x40x47	2140x1000x1180 / 85x40x47
Packed machine dimensions	mm /in	1330x1080x880 / 53x43x35	1330x1080x880 / 53x43x35	1330x1080x880 / 53x43x35	1330x1080x880 / 53x43x35	1520x1080x880 / 61x43x35	1330x1080x880 / 53x43x35	1520x1080x880 / 61x43x35	2180x1040x1430 / 87x42x57	2180x1040x1430 / 87x42x57
Machine weight (net/gross)	Kg /Pound	70-100 / 32-45	75-105 / 34-47	85-115 / 38-52	90-120 / 41-54	130-177 / 59-80	90-120 / 41-54	130-177 / 59-80	215 / 98	300 / 136
Leg dimensions	mm /in	/	135x135x482 / 5x5x19	/	135x135x482 / 5x5x19	135x135x482 / 5x5x19	135x135x482 / 5x5x19	135x135x482 / 5x5x19	/	/
Packed leg dimensions	mm /in	/	1120x642x184 / 45x26x7	/	1120x642x184 / 45x26x7	1120x642x184 / 45x26x7	1120x642x184 / 45x26x7	1120x642x184 / 45x26x7	/	/
Leg weight (unit/tot)	Kg /Pound	/	3-12 / 1,3-5,5	/	3-12 / 1,3-5,5	3-12 / 1,3-5,5	3-12 / 1,3-5,5	3-12 / 1,3-5,5	/	/

\*Depends on type of product, film and operator ability.

## OPTIONAL

Stainless Steel entry plate	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Fan exhauster	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Opening film blower	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Stop shrinking fan	YES	YES	YES	YES	YES	STANDARD	YES	STANDARD	YES	STANDARD
Stand	YES	-	YES	-	-	-	-	-	-	-
Waste Winder	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Second roll support	-	YES	-	YES	YES	YES	YES	YES	YES	YES
Opening film iron sheet	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Second shrinking magnet	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
1mt film roll support	-	-	-	-	-	-	-	-	YES	YES
High hood (h.300 mm / 12 in )	-	-	YES	YES	YES	YES	YES	YES	YES	YES
Basket hood (h.490 mm / 20 in )	-	-	-	-	-	-	-	-	YES	YES
Exit roll	-	-	-	-	-	YES	-	YES	-	YES



## TECHNOLOGICAL WORLD-WIDE PATENT

GALILEO is MINIPACK-TORRE's innovative **patented** manual packaging system.

Unique in its use of construction materials and project and design philosophy, the quality and excellence of this product are guaranteed by the manufacturer's extensive experience in this sector. The flame retardant polyurethane body (material employed in the aerospace sector), simplified assembly process and components help to reduce costs and ensure a competitive price. GALILEO represents the heir to MINIPACK-TORRE's traditions of innovation and excellence.



## FEATURES

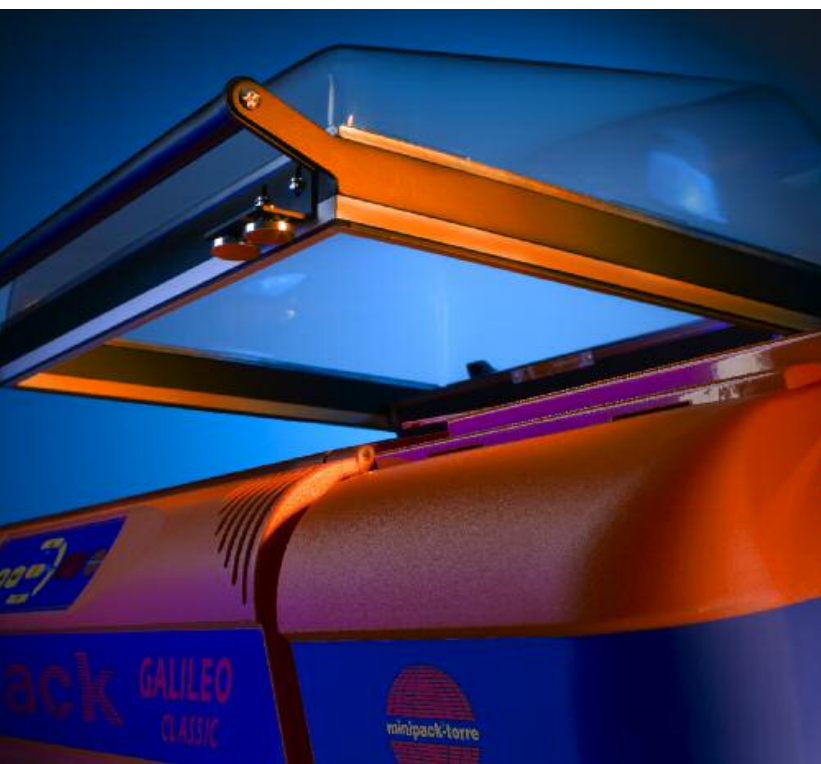
- Adjustable height gridded working plate
- Electronic product counter
- Digital panel with 10 programs
- 3 figure display
- Built-in cooling pump
- Product raising kit ensures uniform heat shrinking
- Double magnet
- Product reference and product stop devices
- High performance kit
- Manually adjustable mechanical micro-puncher
- Handle for positioning the roll support
- Adjustable hood stroke
- Sealing only and sealing/heat shrinking functions
- Teflon coated sealing bars
- Body in tecnopolymer Baydur®
- Safety devices
- Carriage with docking wheels
- Reduced hot air flow at end of cycle



# GALILEO

## INGENIOUS INNOVATION.

GALILEO combines a wide range of innovative technical and manufacturing choices, resulting in an ingenious end product. The machine chassis with its excellent thermal and mechanical specifications, the light but resistant tubular carriage, the exclusive sealing bars cooling system, the electrical system mounted on the front of the machine, the electronic panel complete with 10 customisable programs, and the micro-punching system typical of automatic machines all contribute to make GALILEO a truly unique machine. Thanks to its capacity to execute an extensive variety of packaging applications and its high performance and quality levels, GALILEO is capable of satisfying any market requirement.



## GALILEO



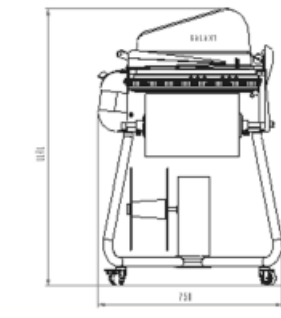
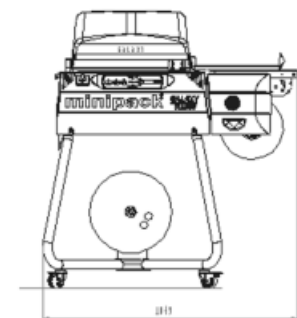
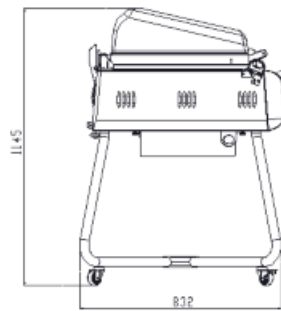
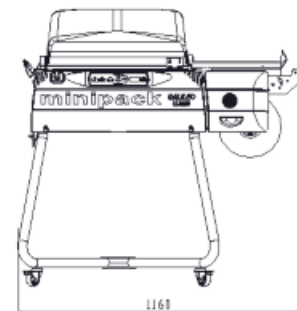
## GALAXY



### TECHNICAL DATA

		GALILEO CLASSIC/FOOD		GALAXY CLASSIC/FOOD	
Power supply	V	200/230		100	120 230
Max. power	kW	3,2		2,3	2,4 2,9
Max. output*	p/h	0-300		0-300	
Sealing bar dimensions	mm	510 x 410		420 x 320	
	in	20 x 16		17 x 13	
Max. film roll dimensions	mm	Ø 250 x 560		Ø 250 x 470	
	in	Ø 10 x 22		10 x 19	
Working plate height	mm	890		890	
	in	35		35	
Machine dimensions (with hood open)	mm	1140 x 850 x 1350		1050 x 720 x 1295	
	in	45 x 33 x 53		41 x 28 x 51	
Machine dimensions (with hood closed)	mm	1140 x 850 x 1150		1050 x 720 x 1140	
	in	45 x 33 x 45		41 x 28 x 45	
Packed machine dimensions	mm	1180 x 1100 x 720		1120 x 1015 x 720	
	in	46 x 43 x 28		44 x 40 x 28	
Machine weight (net/gross)	kg	75/113		55/96	
	pound	34/51		25/44	
Stand dimensions	mm	830 x 830 x 870		734 x 734 x 870	
	in	33 x 33 x 34		29 x 29 x 34	
Packed stand dimensions	mm	1040 x 510 x 170		1040 x 510 x 170	
	in	41 x 20 x 7		41 x 20 x 7	
Stand weight (net/gross)	kg	13,5/16		11,5/14	
	pound	6/7		5/6	

\* Depends on type of product, film and operator ability.



NEW  
2011

## MINIMA



### TECHNICAL DATA

		MINIMA	
Power supply	V	230	
Max. power	kW	1,2	
Max output*	p/h	0-300	
Sealing bar dimensions	mm	380 x 250	
	in	14,9 x 9,9	
Max. film roll dimensions	mm	Ø 250 x 320	
	in	Ø 9,45 x 12,6	
Max. product dimensions	mm	350 x 240 x 140	
	in	13,8 x 9,45 x 5,5	
Machine dimensions (with hood open)	mm	930 x 550 x 580	
	in	36,6 x 21,6 x 22,8	
Machine dimensions (with hood closed)	mm	930 x 550 x 370	
	in	36,6 x 21,6 x 14,5	
Packed machine dimensions	mm	1040 x 650 x 570	
	in	40,9 x 25,6 x 22,4	
Machine weight (net/gross)	kg	36/48	
	pound	79,3 / 105,8	

\* Depends on type of product, film and operator ability.

## THE SMALLEST AND MOST COMPACT.

MINIMA has always been the smallest and most compact shrinking machine by MINIPACK -TORRE. The machine has been thought for small/medium packaging requirements. The strong points of this machine are its versatility and compactness. Today MINIMA is even more convenient thanks to the table-top version; the small legs which is placed on allow to use the machine

with the standard film rolls. The main features of the MINIMA are: high reliability and performance, low consumption and easy to use. All the functions are displayed and control on the digital control panel. MINIMA is in compliance with the most recent security and hygienic normative and can work with the film of the latest generation required by the market.

