

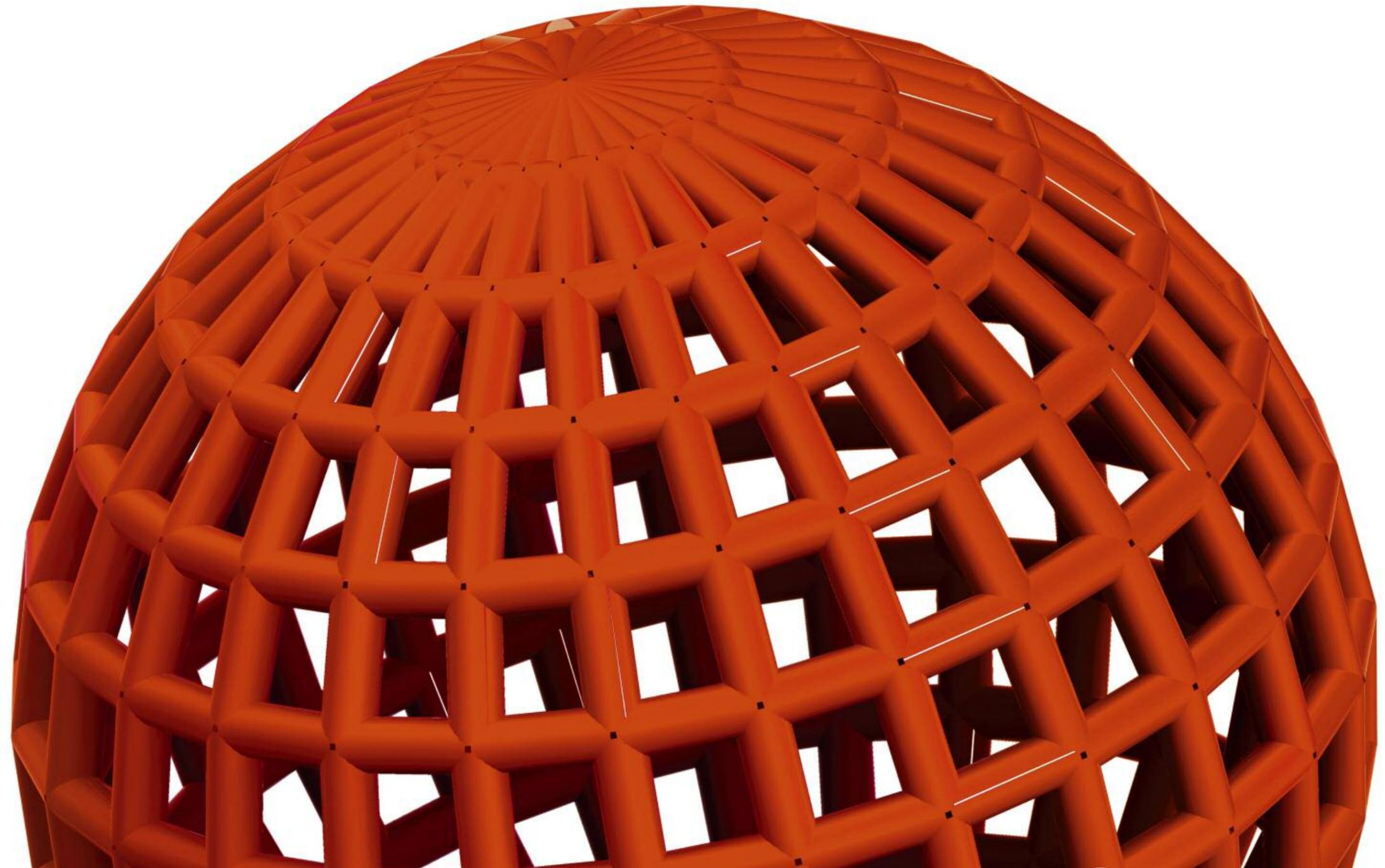
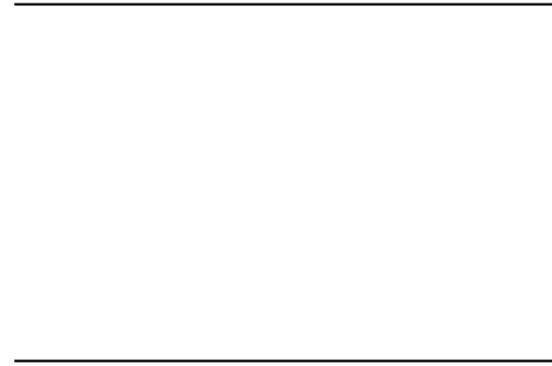


minipack® - torre

UNEXPECTED IDEAS

Minipack-Torre S.p.A.

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COMPACT MACHINES

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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.

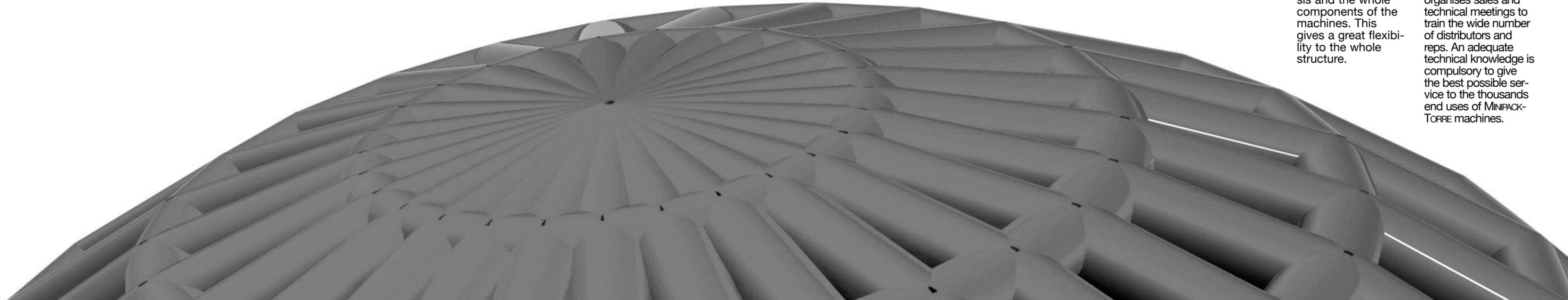
The two Certificates of Quality UNI EN ISO 9001 - VISION 2000 obtained in the year 2001 represent an important goal and a never-ended engagement to satisfy the customers thanks to a strict quality control procedure in production, commercial services and after sales assistance.

DESIGN AND PRODUCTION.

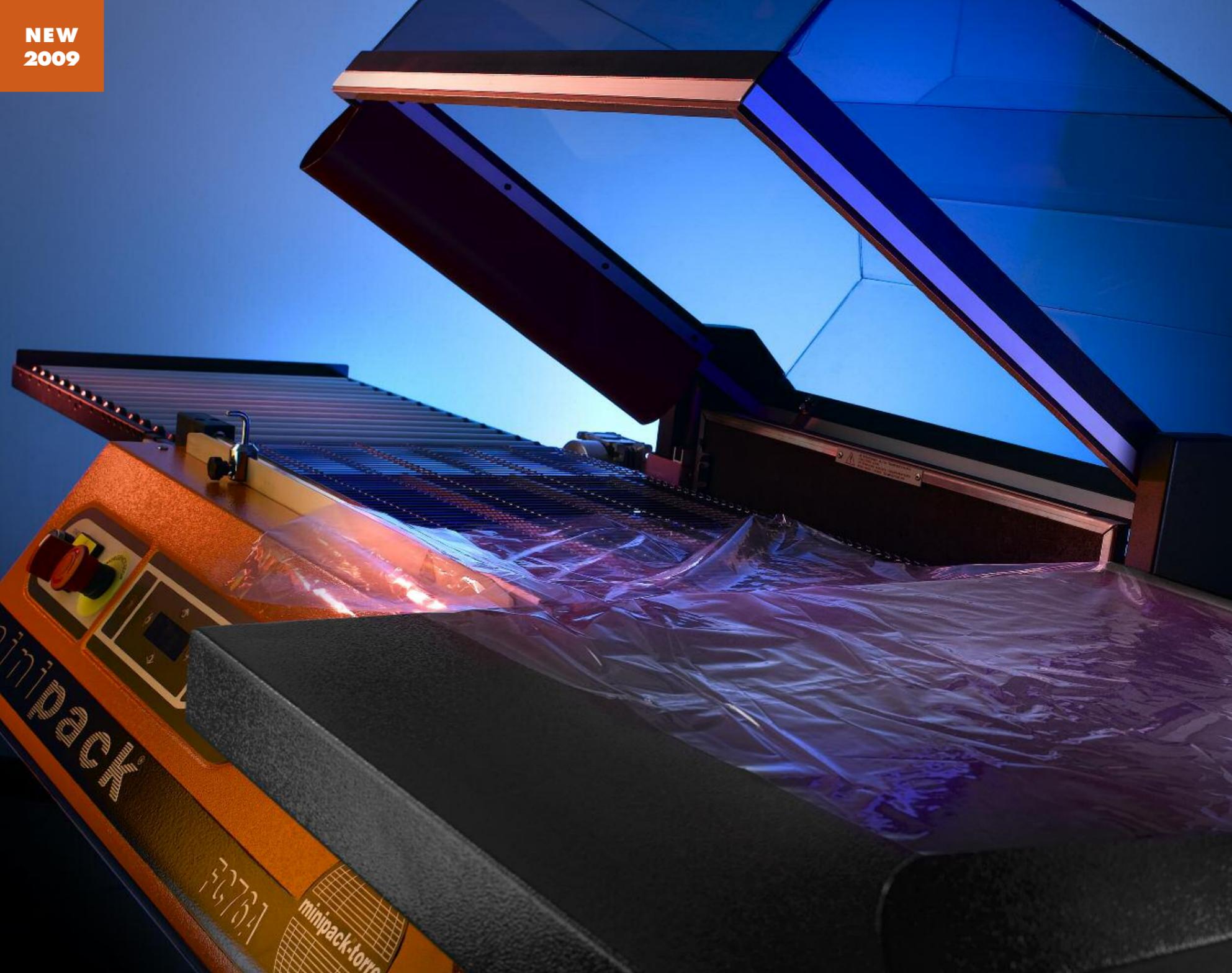
We believe that in order to achieve goods results, every single project has to be personally followed from the beginning to the end. At MINIPACK-TORRE all the steps of a project are entirely developed inside the company. That is why a steelworks has been created inside the company to build all the chassis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

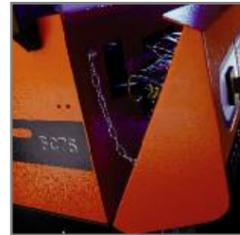
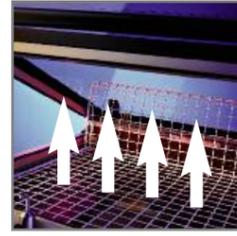
However ideas cannot be stopped and today the company is launching a new line which is the result of many years of experience.

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.



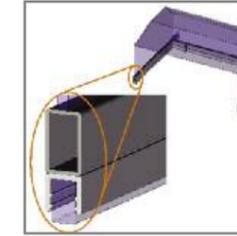
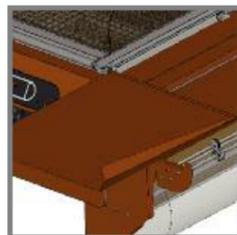
The control board has 10 programs where the customer can choose all the settings: fan delay, temperature of the heating panel, time of sealing and shrinking, counterpieces. The position of the control panel allows an easy access to the operator for a better a faster maintenance.

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.



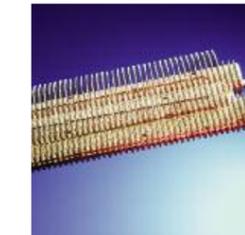
The height of the screened plate has been increased in order to protect the heating panel. This is an advantage both for the operator and the machine maintenance.

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.

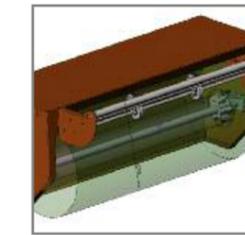
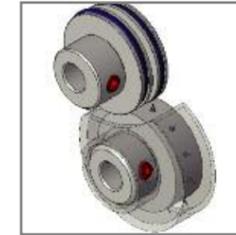
On all the FC models the sealing blade cooling system allows to work with any kind of film; even the thinnest ones. The sealing blade life will be increased.



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

| | | FC75 BASIC | FC75 STAND. | FC76 BASIC | FC76 STAND. | FC76 SA | FC76 C | FC76 A | FC77 | FC77 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 | 5,1 | 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 | 840x590 / 33x23 | 840x590 / 33x23 |
| Sealing bar cooling system | | STANDARD | STANDARD |
| Stand | | - | STANDARD | - | STANDARD | STANDARD | STANDARD | STANDARD | STANDARD | STANDARD |
| Waste Winder | | - | STANDARD | - | STANDARD | STANDARD | STANDARD | STANDARD | STANDARD | STANDARD |
| Stop shrinking fan | | STANDARD | STANDARD |
| Max. film roll dimensions | mm /in | Ø250x500 / Ø10x20 | Ø250x500 / Ø10x20 | Ø250x600 / Ø10x24 | Ø300x800 / Ø12x31 | Ø300x800 / Ø12x31 |
| Working plate height | mm /in | / | 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

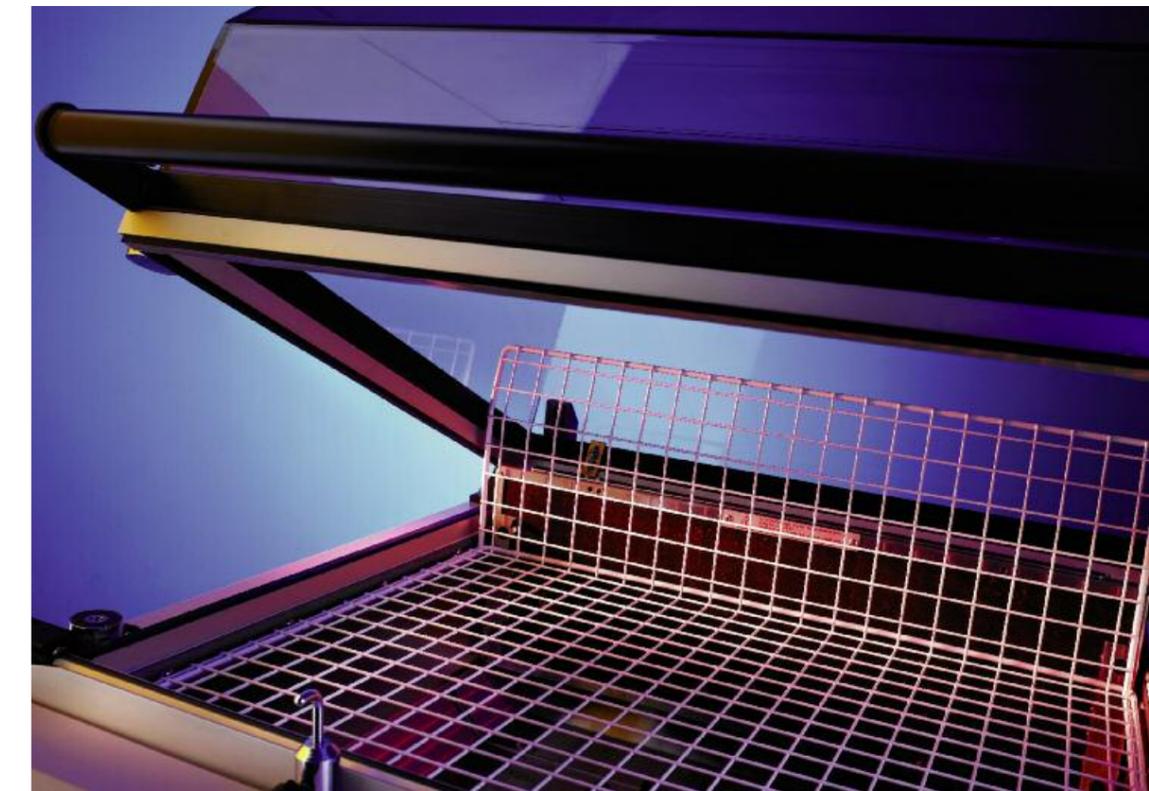
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|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Stainless Steel entry plate | YES |
| Fan exhauster | YES |
| Opening film blower | YES |
| Second roll support | - | YES | - | YES | YES | YES | YES | YES | - | - |
| Opening film iron sheet | YES |
| Second shrinking magnet | 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 |
| 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



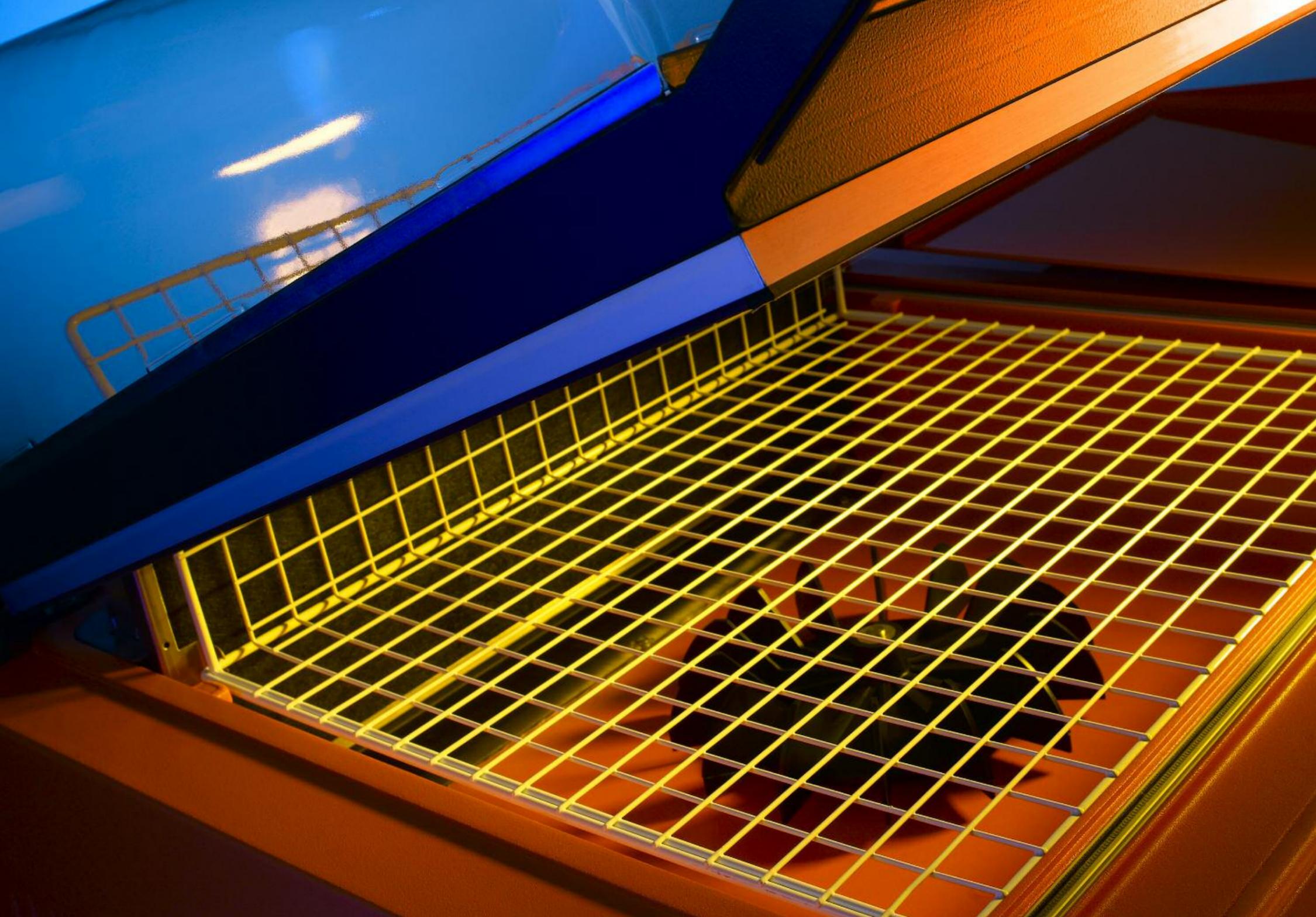
TECHNICAL DATA

| | | 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 | 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 | Ø300X800 / Ø12x31 | Ø300X800 / Ø12x31 |
| Working plate height | mm /in | / | 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

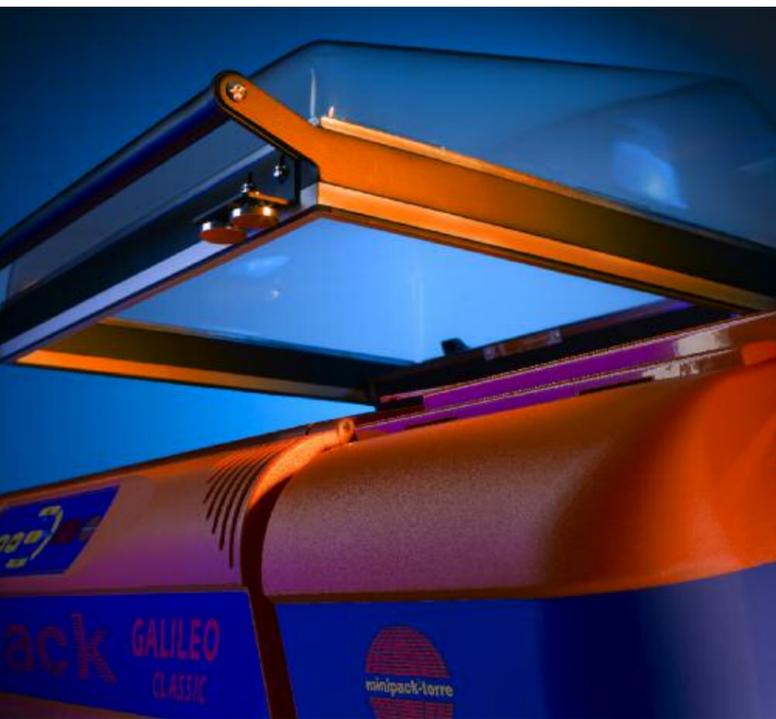
- Adjustable height gridded working plate
- Electronic product counter
- Digital panel with 10 programs
- 3 figure display
- Built-in cooling pump
- Product raising kit ensures uniform heat shrinking
- Double magnet
- Product reference and product stop devices
- High performance kit
- Manually adjustable 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



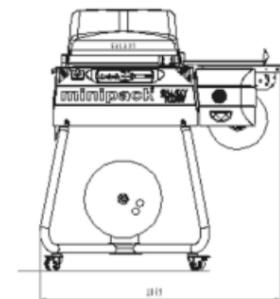
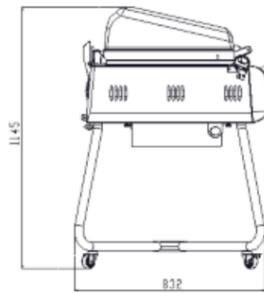
GALAXY



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.

