

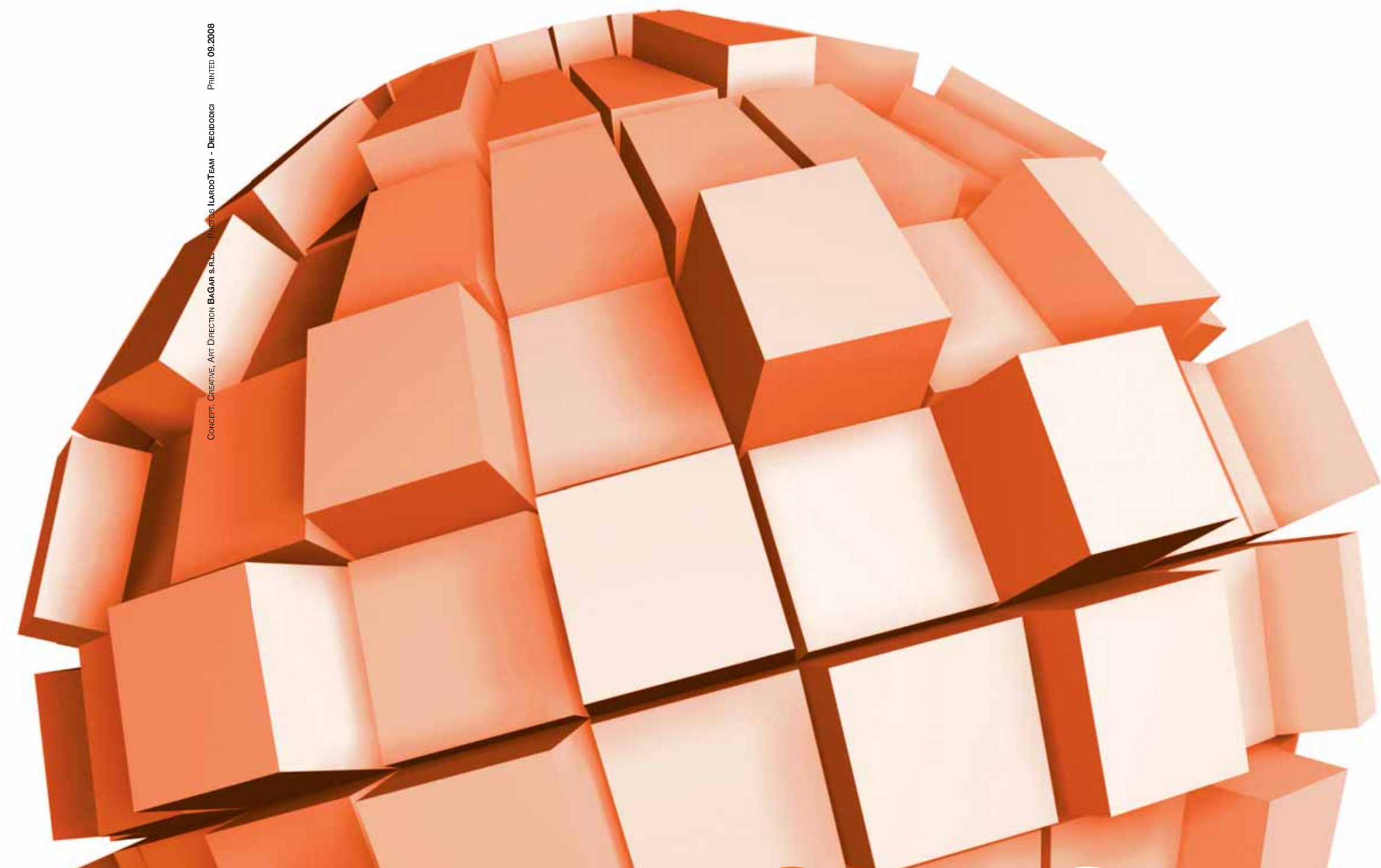


minipack® - torre

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



CONCEPT - CREATIVE, ART DIRECTION BAGAR S.R.L. PHOTOS LARCO TEAM - DIECIDDICI PRINTED 09.2008

GRAPHIC DIVISION

UK USA All the information and pictures in this catalog are based on product specifications last updated when it was published. MINIPACK-TORRE S.p.A. reserves the right to modify colors, materials, features and specifications of its models anytime and without notice and is not responsible for possible typing errors. Product specifications are indicative and subject to manufacturer's verification. Some models may be pictured with accessories and/or features not available in some countries. All rights reserved. The reproduction in any way and through any mean is forbidden without the prior authorization of MINIPACK-TORRE S.p.A.



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.

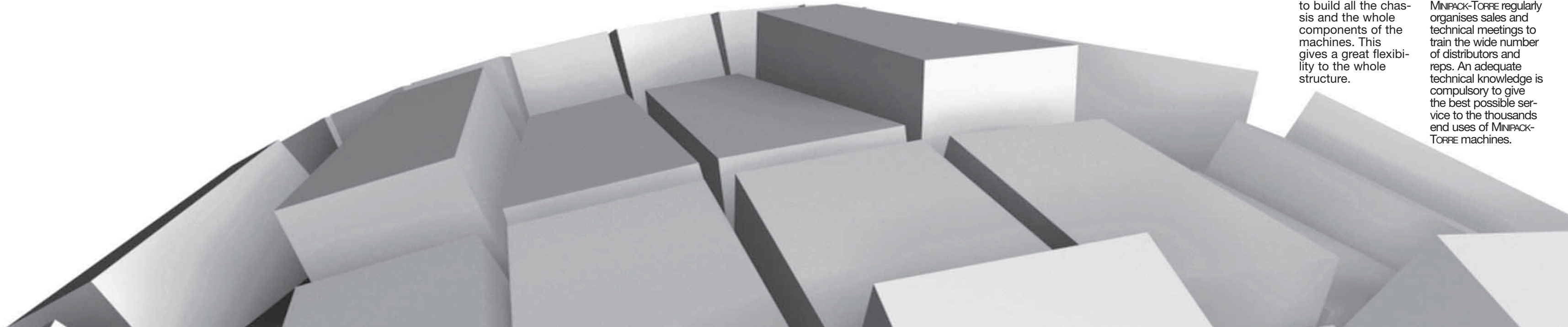
The two Certificates of Quality UNI EN ISO 9001 - VISION 2000 obtained in the year 2001 represent an important goal and a never-ended engagement to satisfy the customers thanks to a strict quality control procedure in production, commercial services and after sales assistance.

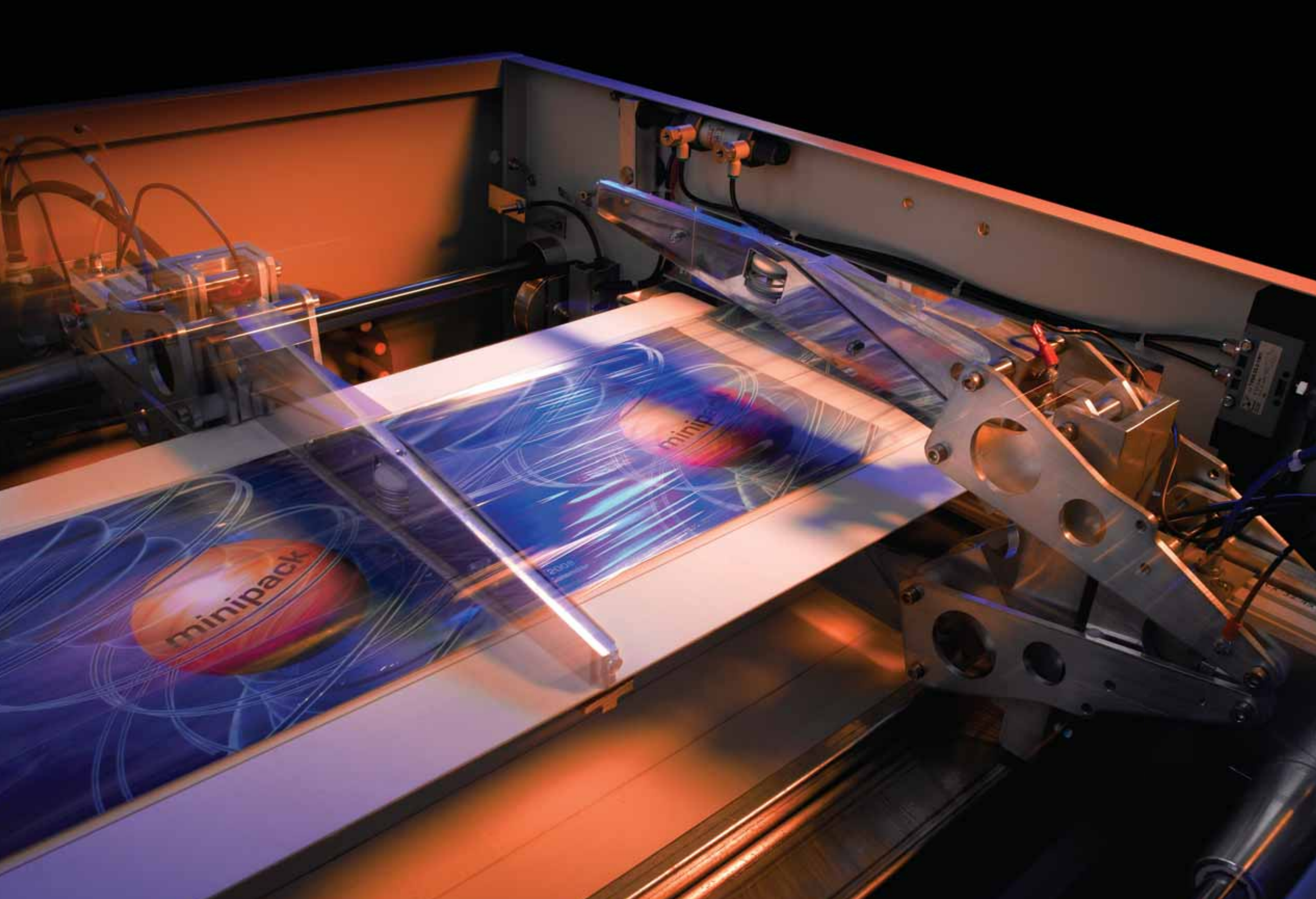
DESIGN AND PRODUCTION.

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.





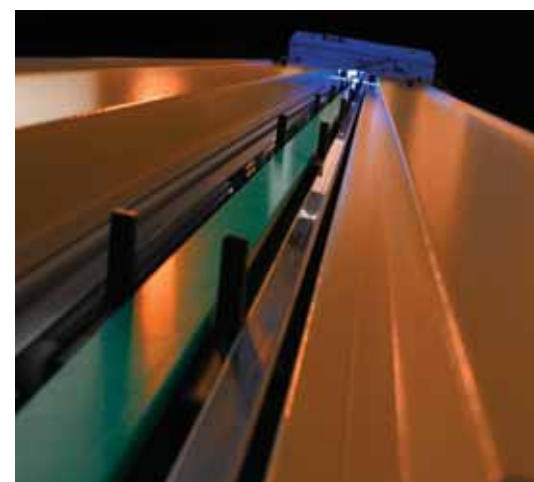
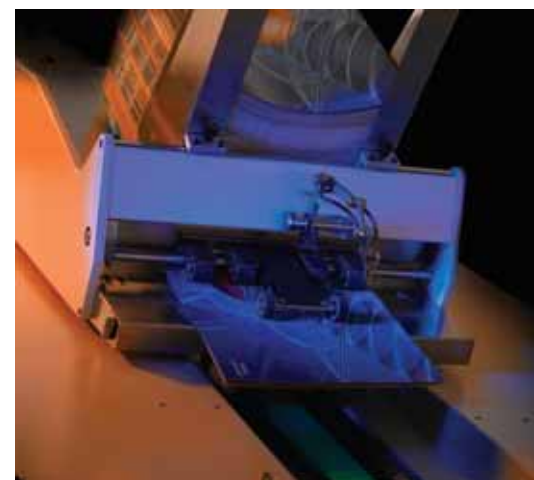
TECHNOLOGICAL WORLD-WIDE PATENT

The CONTINUA 60 **world-wide patent** is due to the fact that products, placed within suitably adjusted side guides, are driven into a forming box by a couple of pushers, while the central sealing is carried out by a heated wheel.
The products slide in the film and run on a loose conveyor belt driven by two pliers that, through an alternate movement, seal and cut the film around the products which is then ejected by the machine completely packed.



CONTINUA 60

PACKAGING WITH A PERFECT CUT AND WITHOUT WASTE.



CONTINUA 60 is a fully automatic, horizontal packaging machine, its is extremely compact and uses a revolutionary new sealing system, capable of packaging up to 60 pcs. per minute. When coupled with the TUNNEL 50 TWIN shrinking unit and the electrostatic sealer, the system can be used to package magazines and all forms of printed material up to A3 (420 x 300 mm) size, ad to a maximum height of 32 mm. The patented CONTINUA 60 technology enables it to be used with a wide range or heat-shrink films producing attractive results, with no waste.

LOW INVESTMENT

- Low investment for a high performance machine
- Plain film rolls
- No film waste during working program
- Energy-saving (1 Kw - 220 V)



PRODUCTIVITY

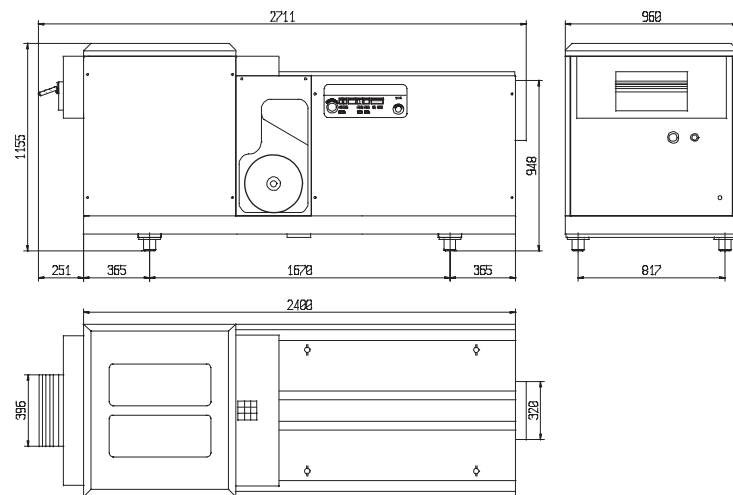
- Fast sealing and high productivity
- Productivity up to 60 ppm (A3/A4 format) **the maximum output is related to the product, the film and the operator ability**
- Easy to use machine

VERSATILITY

- Different films could be used: PE, polyolephine films, PP, HD PE
- Fast size changing on the display
- Extremely compact dimension of the machine

TECHNICAL DATA

Power supply	V	220V
Pneumatic feed	lt/min	40 up to 6 bar
Max power	Kw	1
Max output	p/h	0-3000
Max rolls dimensions (width)	mm	650
	in	25.59
Max. product dimensions	mm	420x300 h.15
	in	16.53x11.81 h.0.59
Min. products dimensions	mm	140x125 h.32
	in	5.51x4.92 h.1.26
Max product height	mm	32
	in	1.26
Machine dimensions	mm	2600x960 h.1160
	in	102.36x37.80 h.45.67
Machine dimension with extension	mm	4600x960 h.1160
	in	181.10x37.80 h.45.67
Packed machine dimensions	mm	2940x1500 h.1440
	in	115.75x59.06 h.56.69
Machine weight (net/gross)	Kg	555/605
	pound	1221/1331



CONTINUA 60

UNEXPECTED IDEAS.

FEATURES

Versatile machine useful in the mailing packaging and several other applications

Innovative sealing system which allows to seal different kind of films

The product is completely wrapped in a tailor made bag. No waste of film

Plain film roll: faster change of the roll

High aesthetic result thanks to the electrostatic sealer

OPTIONAL

Automatic feeder for magazines, CD and DVD

Single sheet automatic feeder

Empty bag ejection device

Forming boxes of different sizes and thickness (min 8 /max 40 mm - min 0.31/max 1.57 on)

A5/A6 size packaging guides

2-meter extension belt

Photocell for printed film

Exit conveyor

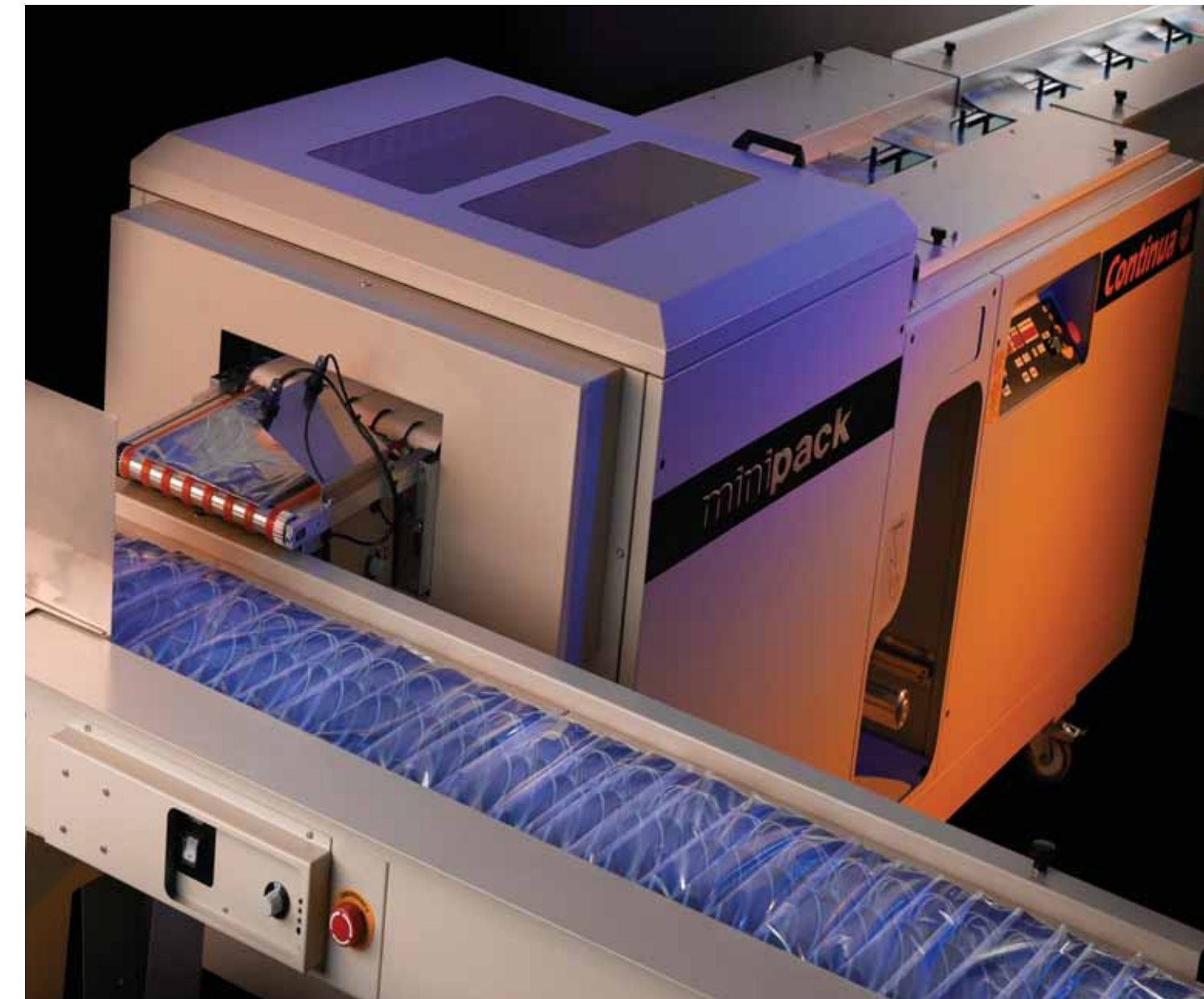
Micro-perforators

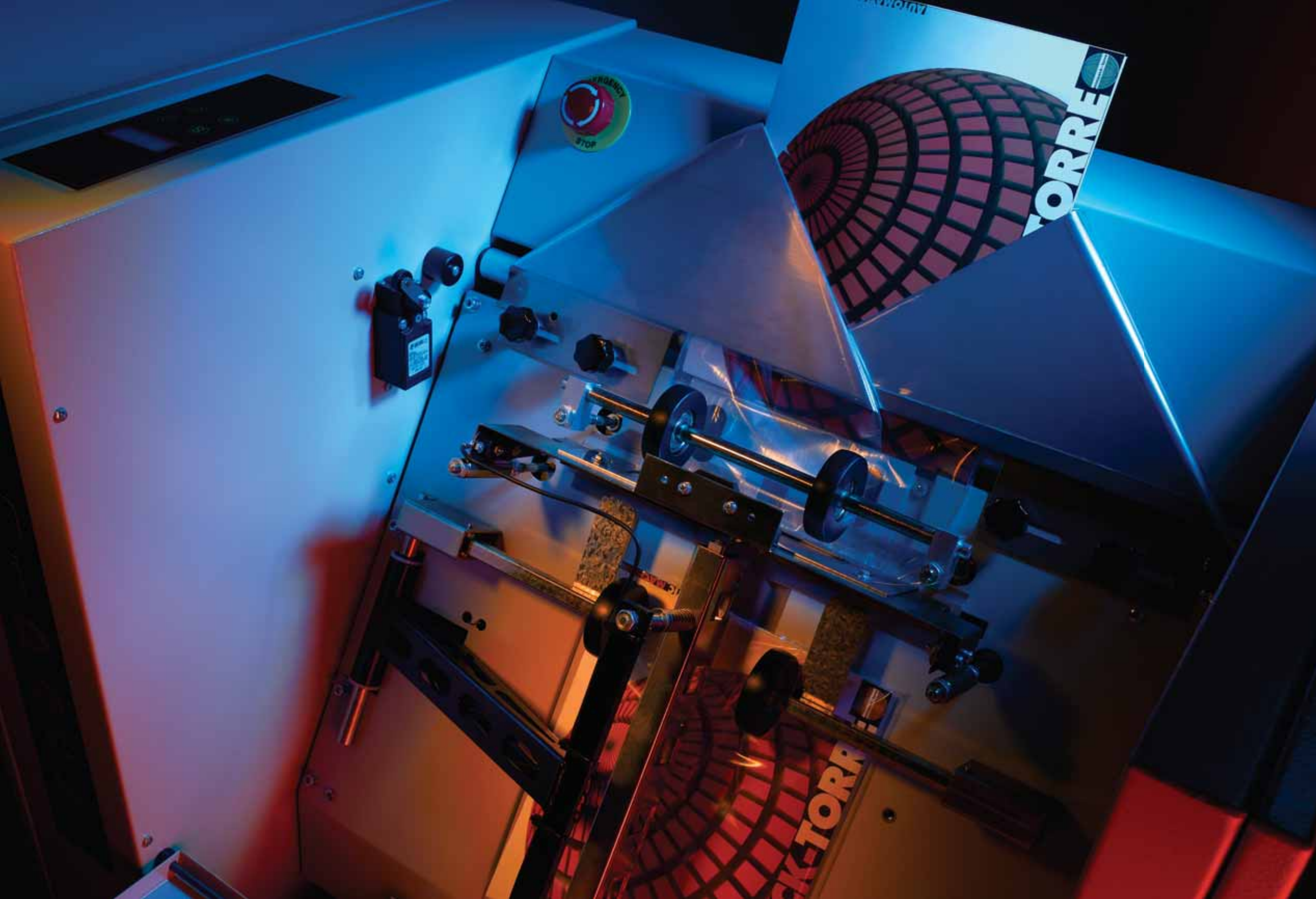
Casters for machine handling

Electrostatic sealer

Possibility to link Tunnel 50 and Tunnel 50 Twin

CD/DVD configuration: up to 100 pieces/minute



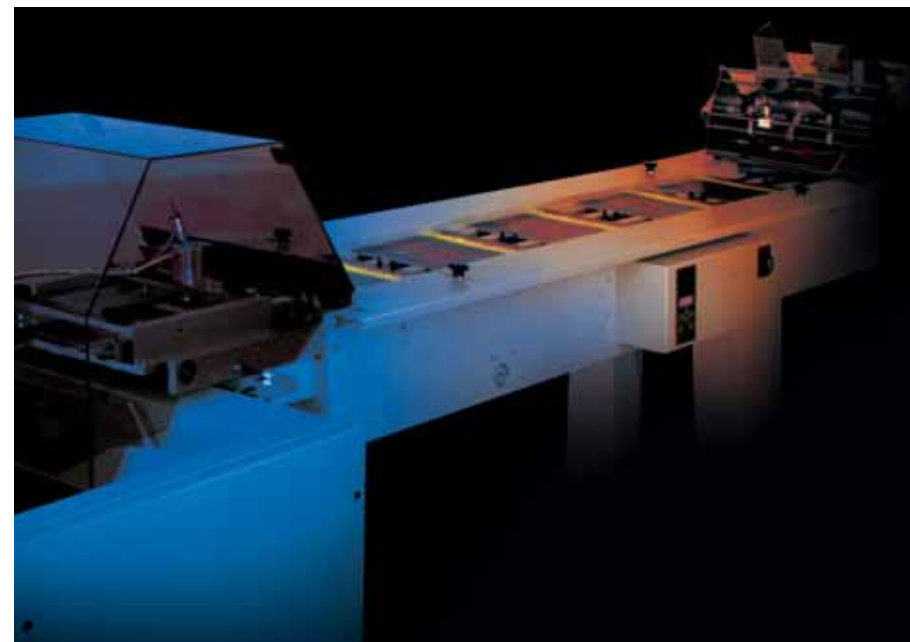


MAILBAG

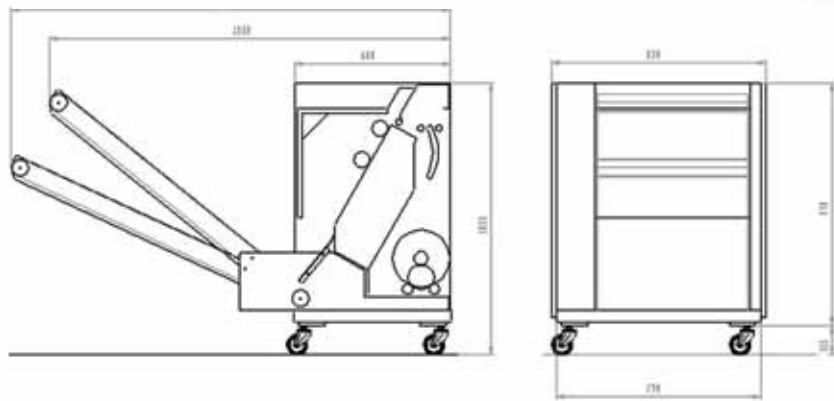
**HIGH PERFORMANCE, LOW CONSUMPTION.
HIGH SIMPLICITY, LOW COST.**

MAILBAG is an automatic, vertical packaging machine, ideal for magazines, newsletters, catalogues and publications. It uses a roll of film mounted on a motor driven roller.

An adaptor folds the film forming a sealed envelope containing the product. When the process is complete the product is ejected automatically. True simplicity!



MAILBAG



FEATURES

- Digital control panel
- Automatic booklet length regulator with photocell
- Independent hot wire sealing bars
- Electronic cutter temperature control
- Integrated product counter
- Products to be packed are fed automatically
- Large working plate

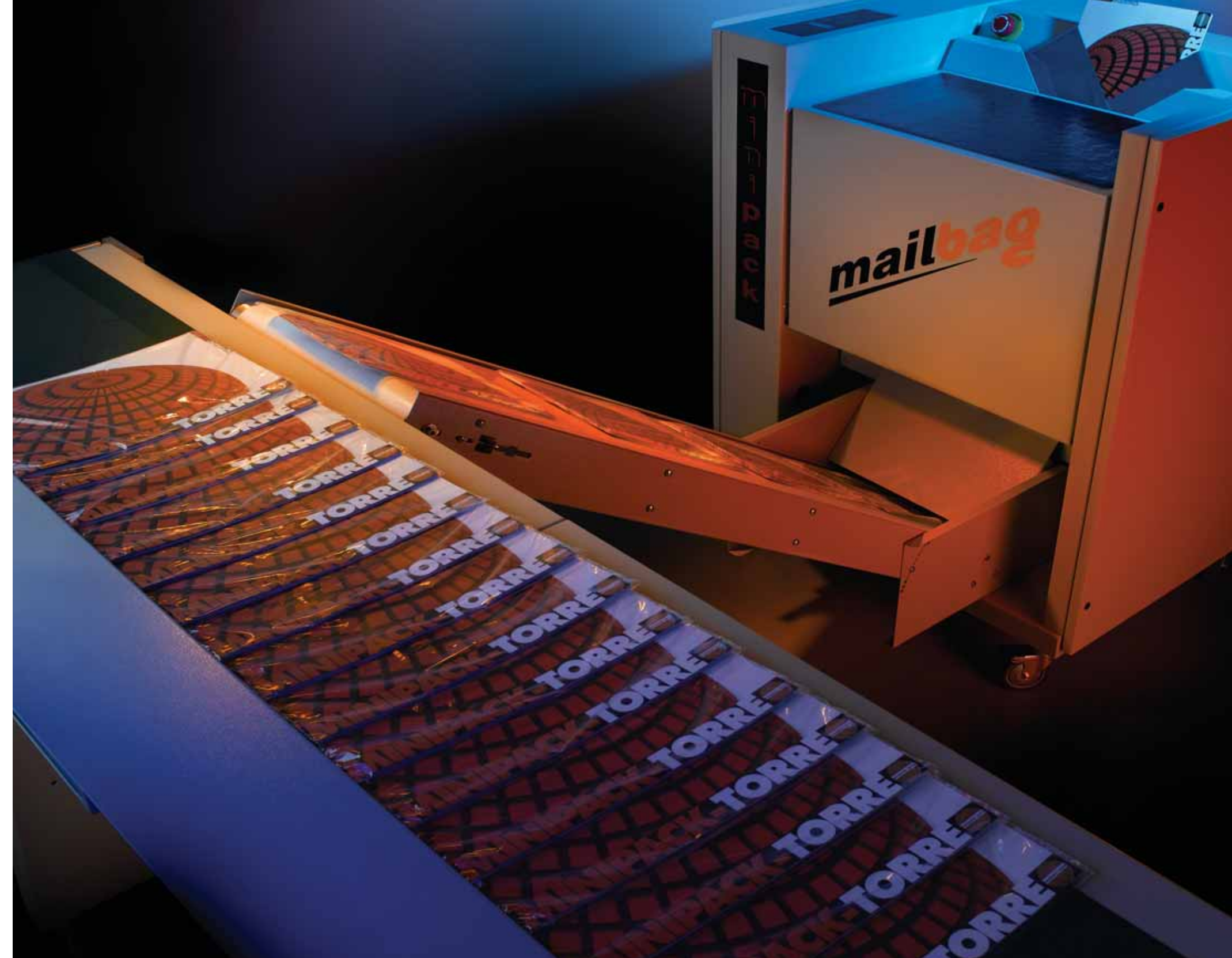
TECHNICAL DATA

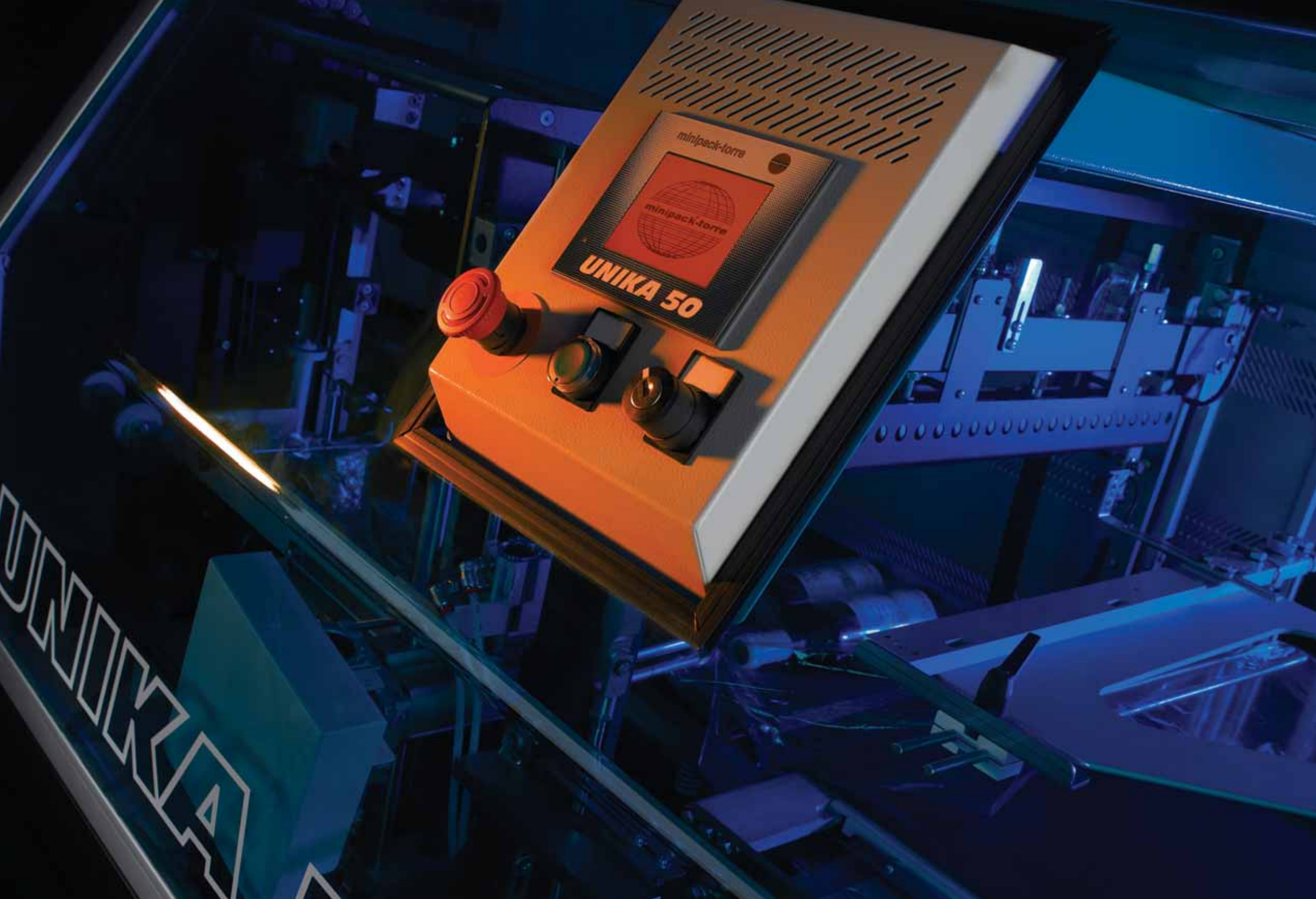
Electrical power supply	V	220
Max. power	kW	0,5
Production per hour*	p/h	0-1200
Machine dimensions	mm	600 x 830 x 1050
	in	24 x 33 x 42
Machine weight (Net/Gross)	kg	130/144
	pound	286/317

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

OPTIONAL

- Motor driven outfeed belt
- Double photocell for printed films
- 180 mm x h 8 / 12 / 15 / 20 opening forming boxes
- 7 in x h 0.3 / 0.5 / 0.6 / 0.8 in opening forming boxes
- 140 mm x h 5 / 18 opening forming boxes
- 6 in x h 0.2 / 0.7 in opening forming boxes
- Pedal control
- Feeder loader
- Magazine loader
- Automatic horizontal feeding system
- Heat shrink tunnel





TECHNOLOGICAL WORLD-WIDE PATENT

UNIKA 50 is the new and revolutionary automatic packaging machine with centre-folded film by MINIPACK-TORRE. This machine conjugates high performances, low cost and handiness. The revolution is in the **patented** independent sealing blade system which allows to:

- Do a parallel vertical sealing
- Do an equal and uniform pressure on the all length of the bag
- Pack products of different lengths using one unique sealing bar more times



UNIKA LINE

A UNIQUE SOLUTION IN PACKAGING.



From now on, the size of the products is no more a limit thanks to UNIKA 50. Products of big and small dimensions and, most of all, of an unlimited length could be packed thanks to the exclusive independent sealing bar system, which overcomes the now old concept of "unique L-loom".

UNIKA 50

UNEXPECTED IDEAS.

PRODUCTIVITY

- Fast sealing and a consequent increase in productivity
- Productivity up to 40 ppm (**the maximum output is related to the product, the film and the operator ability**)
- Adjustable sensor to open the blade depending on the height of the product, with direct set-up on the touch-screen control board
- Motorised waste winder controlled by inverter

ADVANTAGES

- Patented sealing and cutting system
- “Centre Sealing” system with auto set-up on the height of the product
- Vertical sealing with uniform pressure along the length of the bag
- Standard Telemecanique PLC with widespread assistance
- Lighted working area

SAFETY

- Machine completely closed by a covering, even on the in-feed/out-feed belt and roll support
- Easy access to all parts of the machine
- 3 safety micros on the access doors of the machine
- One single operation for the body opening to simplify the operator access in a safety condition



VERSATILITY

- Unlimited length of the product to be packed
- Max. height of the product h.240 mm
- 50 customisable and nameable programs as per the product to be packed
- Standard approaching belt system to pack small products

FEATURES

- Adjustable belt speed by inverter
- Electronic counter-cycles
- Automatic control of the switch-on functions
- 4 product-reading photocells
- Visible and acoustic emergency signal
- 8-languages display
- Integrated and movable roll support
- Receiver for compressed air
- In-feed and out-feed electronic door to interface any additional feed belt
- Machine placed on adjustable feet and wheels
- New micro-puncher kit with adjustable tensioning film
- Possibility of packing single or multiple packages
- Full waste winder and end roll alarm device
- PLC check control
- Control panel with graphic touch screen interfaced with USB door

A USER FRIENDLY MACHINE

- Easy film insert thanks to the splitting between the belt and the triangles
- Auto set up of the height of the triangles and bars related to the height of the product
- Information to the operator of the roll and the opening film roll position depending on the product
- Customised using procedures operator /assistant

PRODUCTIVITY

- Fast sealing and a consequent increase of productivity
- Productivity up to 40 ppm (**the maximum output is related to the product, the film and the operator ability**)
- Manual adjust of the sealing blades opening
- Motorised waste winder controlled by inverter



ADVANTAGES

- Patented sealing and cutting system
- Vertical sealing with uniform pressure along the length of the bag
- Regulation of the belt to make a central sealing

VERSATILITY

- Unlimited length in packaging the product
- Maximum product height 170 mm
- 9 customisable and storable programs on digital control panel

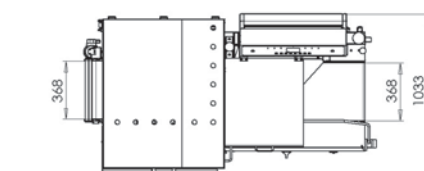
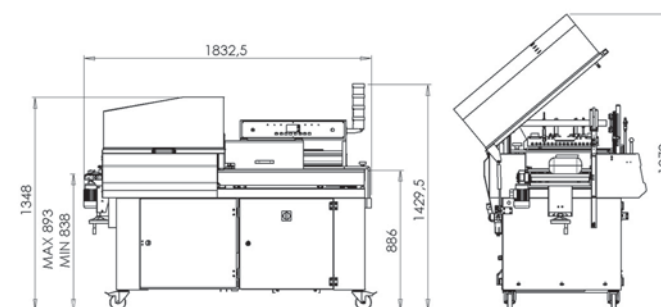
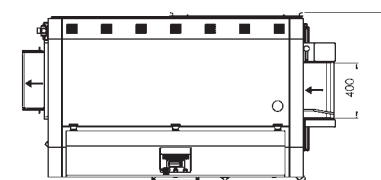
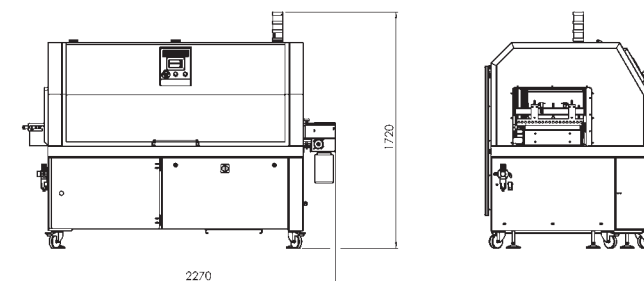
SAFETY

- Machine completely closed by a covering to ensure operator's security
- Unique opening for easy intervention on the machine
- Opening doors with safety micros
- Easily setting of the working programs

A USER FRIENDLY MACHINE

- Manual setting of the triangles and of the in-feed conveyor
- Manual or automatic operation
- Easy access to all parts of the machine

UNIKA 50 UNIKA 35

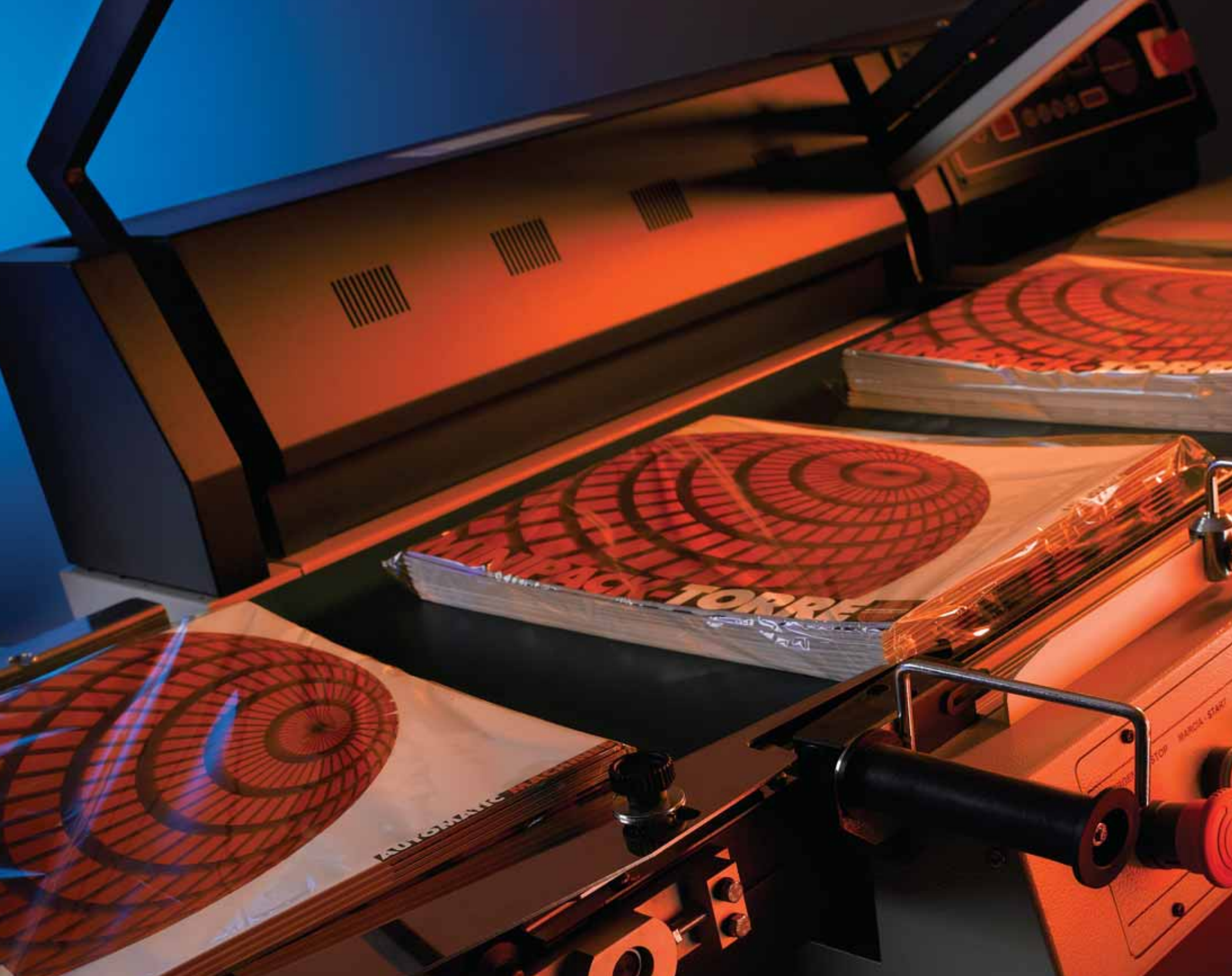


TECHNICAL DATA

		UNIKA 50	UNIKA 35
Power supply	V	230V 1Ph	200/230V 1Ph
Pneumatic feed	lt/min	120	45
Max. power	Kw	2,4	2,4
Max. output	p/h	0-2400	0-2400
Sealing bars dimensions	mm in	unlimited x 400 unlimited x 15.75	580 x 400 22.83 x 15.75
Max. film roll dimensions	mm in	Ø 300 x 700 Ø 11.81 x 27.56	Ø 270 x 590 Ø 10.63 x 23.23
Max. product dimensions	mm in	unlimited x 400 h.240 unlimited x 15.75 h.9.45	unlimited x 370 h.170 unlimited x 14.57 h.6.69
Working plate height	mm in	891 (h. in-feed conveyor) 35.08 (h. in-feed conveyor)	886 (h. in-feed conveyor) 34.88 (h. in-feed conveyor)
Machine dimensions (with open hood)	mm in	2270 x 1600 h.1870 89.37 x 62.99 h.73.62	1833 x 1033 h.1879 72.17 x 40.67 h.73.98
Machine dimensions (with closed hood)	mm in	2270 x 1240 h.1720 89.37 x 48.82 h.67.72	1833 x 1033 h.1430 72.17 x 40.67 h.56.30
Packed machine dimensions	mm in	2370 x 1350 h.1820 93.30 x 53.15 h.71.65	2030 x 1230 h.1830 79.92 x 48.43 h.72.04
Machine weight (net/gross)	Kg pound	622/700 1371/1540	326/396 717.2/871.2

OPTIONAL

- Photocell for printed film
- Photocell on the out-feed conveyor to count real packages made
- Photocell for signal the film roll end
- Photocell reading the product on the in-feed conveyor
- In-feed & out-feed belt linkable to the machine
- Vacuum Film waste aspirator
- Magazine feeder
- Pedal control
- Pressure regulator
- Product checking before and after packaging
- Tele-assistance
- Possibility to combine with TUNNEL 50 and TUNNEL 50 TWIN



MODULAR LINE

MAXIMUM FLEXIBILITY, MINIMUM EFFORT.

The MODULAR LINE semi-automatic, angular machines offer maximum packaging flexibility, and a quality product at a competitive price.

MODULAR 50s and MODULAR 70, which have recently been updated and revised, can be used to package products using any material, producing highly attractive results.

MODULAR LINE uses an electronically

controlled sealing system and the very latest safety devices.

The lines can be used in automatic or semi-automatic mode, and the operating programs can be customised in order to simplify the packaging process and maximise productivity.

MODULAR 50s and MODULAR 70 can also be used with the MINIPACK-TORRE TUNNEL LINE.



MODULAR 50s MODULAR 70

FEATURES

- Teflon coated sealing blade
- Double sealing bar with shock absorber
- Continuous cycle cooling system
- Manual or automatic mode
- Adjustable working plate
- Motor driven conveyor belt with adjustable speed
- Oversized waste film winder
- Integrated roll support
- Digital panel with 6 programs
- Product counter
- Lockable packaging plate
- Bar opening delay allows sealer to cool down
- Machine on wheels
- Emergency off switch

TECHNICAL DATA

		MODULAR 50s	MODULAR 70
Electrical power supply	V	200/208/220/380/415	200/208/220/380/415
Maximum power	kW	2,9	2,6
Production per hour*	p/h	0-900	0-900
Effective sealing bar dimensions	mm	540 x 400	840 x 600
	in	21 x 16	33 x 24
Max. roll dimensions	mm	Ø 250 x 600	Ø 300 x 800
	in	Ø 10 x 24	12 x 31
Working plate height	mm	930	930
	in	37	37
Machine dimensions (with hood open)	mm	1590 x 750 x 1400	2070 x 960 x 1510
	in	63 x 30 x 55	81 x 38 x 59
Machine dimensions (with hood closed)	mm	1590 x 750 x 1110	2070 x 960 x 1220
	in	63 x 30 x 44	81 x 38 x 48
Packed machine dimensions	mm	1480 x 1000 x 850	2180 x 1040 x 1430
	in	58 x 39 x 33	86 x 41 x 56
Machine weight (Net/Gross)	kg	151/181	243/290
	pound	67/82	110/132

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

OPTIONAL

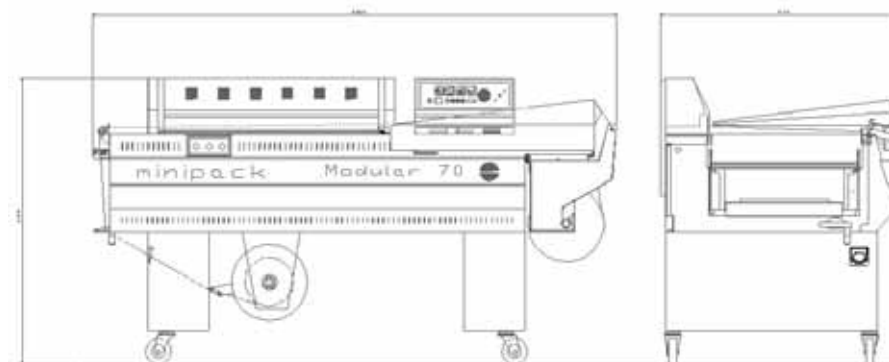
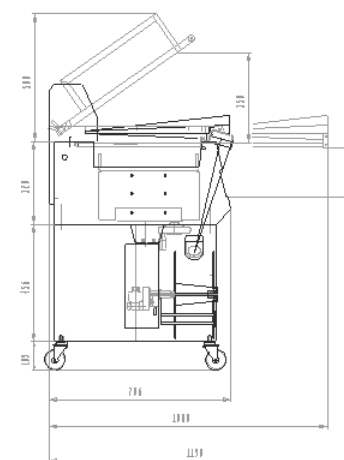
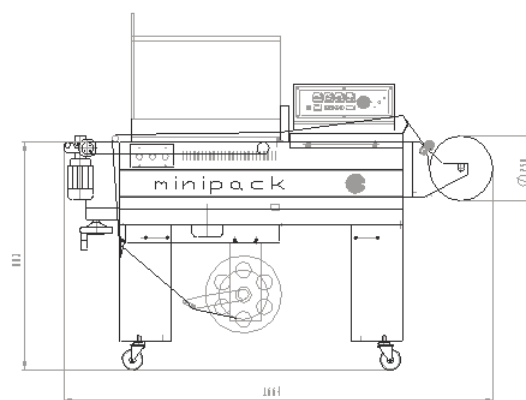
- Stainless steel packaging plate
- Film opener bar
- Bars with ceramic sectors for use with polyethylene
- Outfeed rollers for unloading the product
- Dual roll support (50s)
- Pedal control (50s)

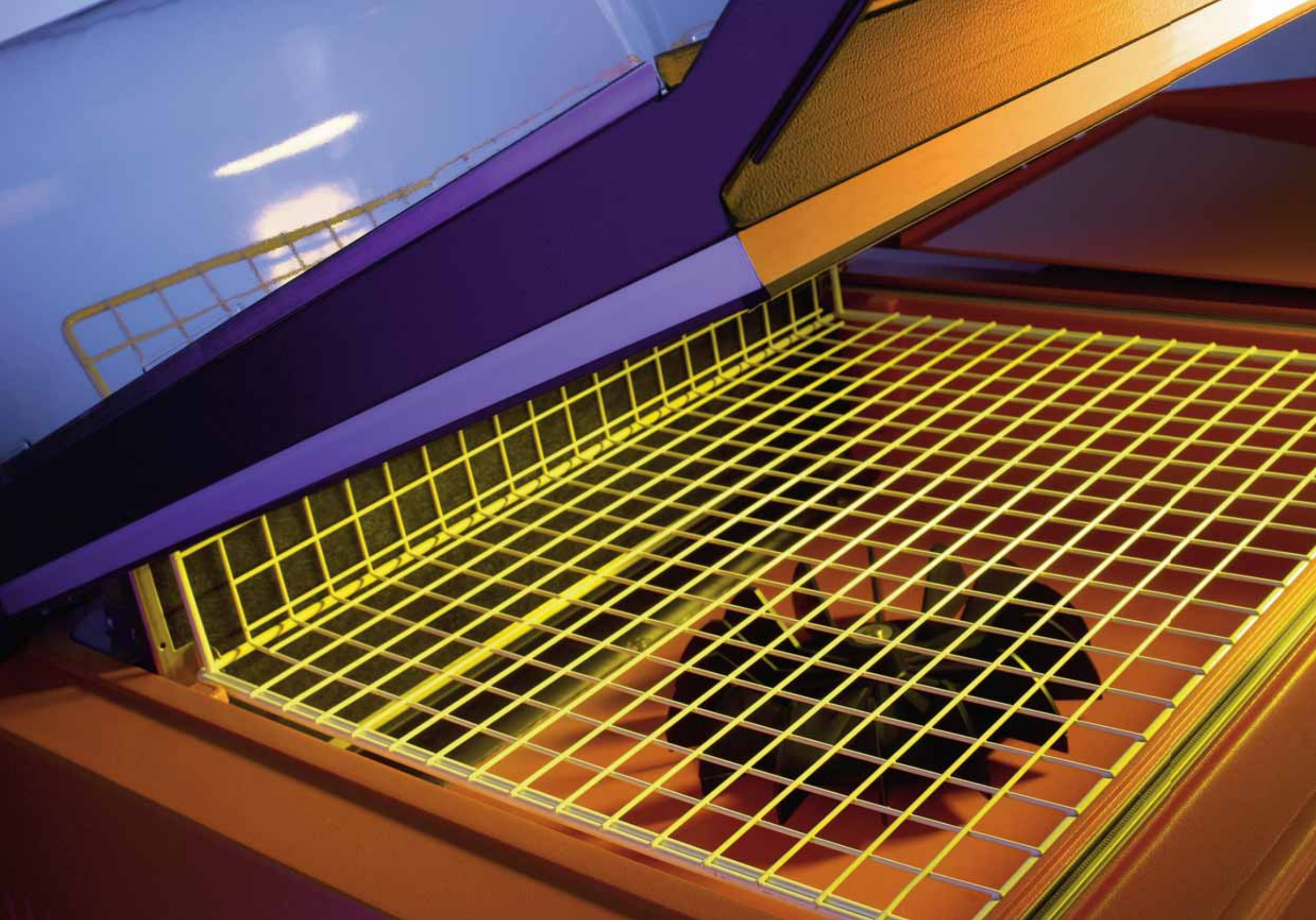


MODULAR 50s



MODULAR 70





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 chassis (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
- 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 bar 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



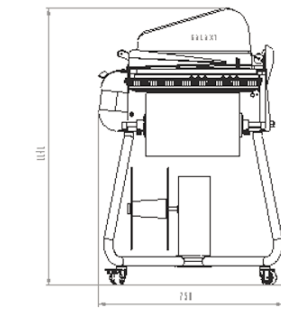
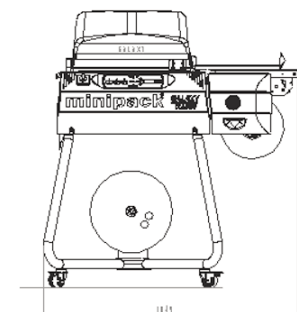
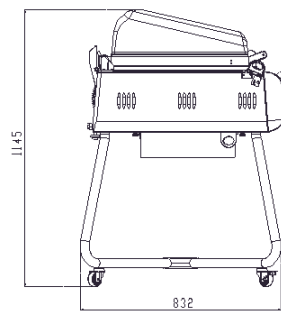
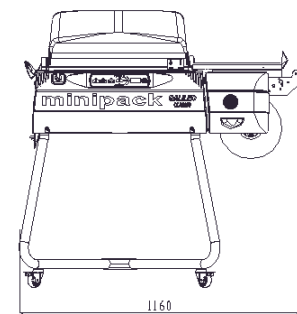
GALAXY OFFICE



TECHNICAL DATA

		GALILEO CLASSIC		GALAXY OFFICE	
Electrical power supply	V	200/230	100	120	230
Maximum power	kW	3,2	2,3	2,4	2,9
Production per hour*	p/h	0-300	0-300		
Effective sealing bar dimensions	mm	510 x 410	420 x 320		
	in	20 x 16	17 x 13		
Max. 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		
Carriage dimensions	mm	830 x 830 x 870	734 x 734 x 870		
	in	33 x 33 x 34	29 x 29 x 34		
Carriage packaging dimensions	mm	1040 x 510 x 170	1040 x 510 x 170		
	in	41 x 20 x 7	41 x 20 x 7		
Carriage weight (Net/Gross)	kg	13,5/16	11,5/14		
	pound	6/7	5/6		

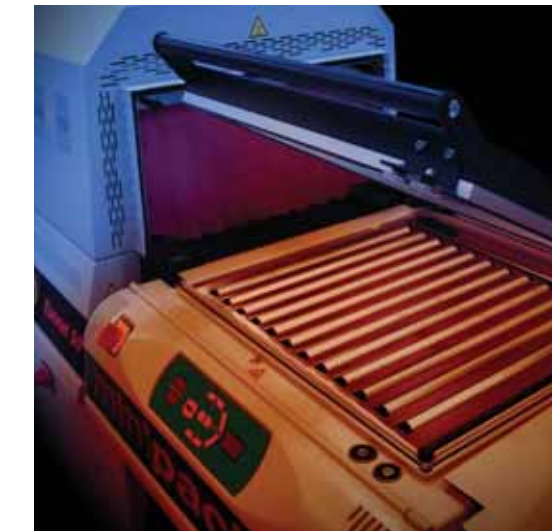
* Depends on type of product, film and operator ability.



TECHNICAL DATA

		PRIMA ROLLER	
Electrical power supply	V	120/200/230	
Maximum power	kW	2,3	
Production per hour*	p/h	0-550	
Effective sealing bar dimensions	mm	510 x 450	
	in	20 x 18	
Max. roll dimensions	mm	Ø 250 x 560	
	in	Ø 10 x 22	
Working plate height	mm	890	
	in	35	
Machine dimensions (with hood open)	mm	1160 x 850 x 1260	
	in	45 x 33 x 50	
Machine dimensions (with hood closed)	mm	1160 x 850 x 995	
	in	46 x 33 x 39	
Packed machine dimensions	mm	1180 x 1100 x 720	
	in	46 x 43 x 28	
Machine weight (Net/Gross)	kg	67/95	
	pound	30/43	
Carriage dimensions	mm	830 x 830 x 870	
	in	33 x 33 x 34	
Carriage packaging dimensions	mm	1040 x 510 x 170	
	in	41 x 20 x 7	
Carriage weight (Net/Gross)	kg	13,5/16	
	pound	6/7	

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

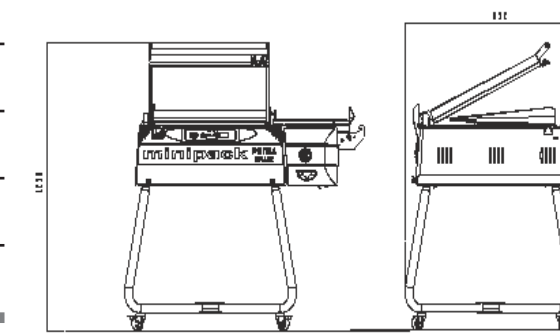


OPTIONAL

Film winder

Film opener blade

Oversized roll support kit



PRIMA ROLLER

EASY TO USE

PRIMA ROLLER is a manually operated, angular sealing machine, simple, practical and equipped with a large sealing surface: mm 510x450.

The sealing blade is suitable for a use with all types of film. The operations that the user is required to carry out are simplified by the roller conveyor, the digital control panel, the accessible electrical panel and the easy to clean working plate.

The machine's technical and aesthetic features are enhanced by the chrome plated carriage, its reduced weight and the stainless steel roller conveyor structure. PRIMA ROLLER can be used combined with TUNNEL 50 in order to produce sealed and perfectly heat shrunk packages.

FM 76A

RATIONALITY

The FM 76A model is the automatic packaging machine of the FM LINE by MINIPACK-TORRE.

This machine, which is highly regarded in its sector, represents one of MINIPACK-TORRE's highest quality and trademark.

The retraction magnets fitted as standard, the stainless steel lower tank, the six customisable programs, the adjustable sealing system, the safety thermostat, the adjustable working plate with sliding carriage and the motor driven waste winder typify the high performance offered by FM 76A.

FEATURES

Automatic hood downstroke with patented safety system

Adjustable hood stroke

Patented sealing bars cooling system (FM 76A only)

Digital panel with 6 programs

Product counter

Emergency stop switch

Machine on wheels

Sealing only and sealing/heat shrinking functions

Teflon coated sealing bars

Motor driven waste roll (FM 76A only)



OPTIONAL

Fume extractor

Blower

Support for 2nd roll

Sheet metal film opener

High hood (300 mm. / 12 in)

Low hood (150 mm. / 6 in)

Roller conveyor (0.5 - 1.0 mt. / 20 - 40 in stainless steel)

Product pusher

Sealing belt

MINIPACK 54C

SEMPPLICITY

MINIPACK 54C is an innovative machine that retains all the features of the larger models in the MINIPACK-TORRE catalogue.

A guaranteed high performance is combined with reduced purchasing and running costs, packaging flexibility and simplicity.



TECHNICAL DATA

		FM 76A DIGIT		MINIPACK 54C
Electrical power supply	V	200/208/220/380	415	200/208/220
Maximum power	kW	4,4	4,6	3,1
Production per hour*	p/h	0-650		0-500
Effective sealing bar dimensions	mm	540 x 390		540 x 390
	in	21 x 15		21 x 15
Max. roll dimensions	mm	Ø250 x 600		Ø250 x 600
	in	Ø10 x 24		Ø10 x 24
Working plate height	mm	920		880
	in	36		35
Machine dimensions (with hood open)	mm	1570 x 750 x 1400		1380 x 730 x 1300
	in	62 x 30 x 55		54 x 29 x 51
Machine dimensions (with hood closed)	mm	1570 x 750 x 1170		1380 x 730 x 1060
	in	62 x 30 x 46		54 x 29 x 42
Packed machine dimensions	mm	1415 x 955 x 840		1350 x 960 x 820
	in	56 x 38 x 33		53 x 38 x 32
Machine weight (Net/Gross)	kg	152/197		111/143
	pound	69/90		50/65
Carriage dimensions	mm	1100 x 620 x 560		-
	in	43 x 24 x 22		-
Carriage packaging dimensions	mm	1170 x 630 x 155		-
	in	46 x 25 x 6		-
Carriage weight (Net/Gross)	kg	20,5/23		-
	pound	9/10		-

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

OPTIONAL

Film roller

Fume extractor

Blower

Support for 2nd roll

Sheet metal film opener

High hood (300 mm. / 12 in)

Product pusher

Sealing belt