THE MINIFLOW RANGE
TOTALLY ELECTRONIC FLOWPACK PACKAGING MACHINE

EFFICIENCY IS NOT AN OPTIONAL EXTRA.

minipack®-torre

THE MINIFLOW LINE
PREPARE YOURSELVES FOR THE BEST

With the **MINIPACK®-TORRE** horizontal flow pack packaging machine, the best comes as standard. Available in two models, **380** and **600**, which have different-sized reels and different production capacities but share the same underlying idea: to include equipment that the rest of the market offers as optional extras, particularly in the upper segments, as standard.

This way, packaging operations are simplified, reliability increases and the quality-price ratio becomes even more competitive.

An evolved programming system for packaging innumerable products, such as croissants, cakes, toffees, chocolates, various small objects and much more besides: a concentration of quality and full optional technology.

FULL ELECTRIC

Completely electric, thanks to its three high-performance, brushless electric motors by Schneider Electric.

NOTCH READER

Photocell to read notches on printed packaging film, available as standard on both models.
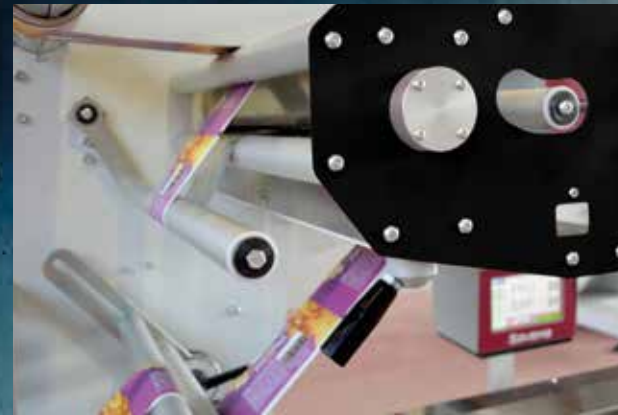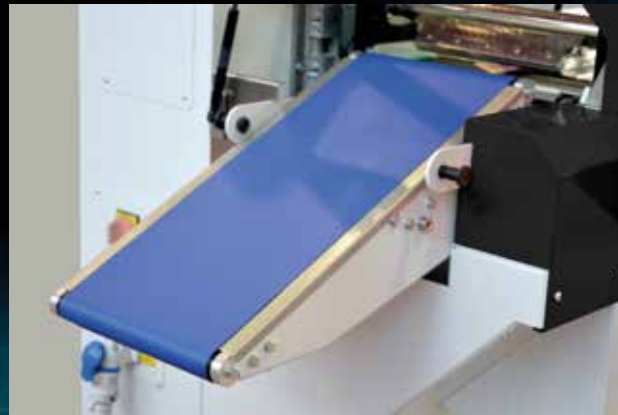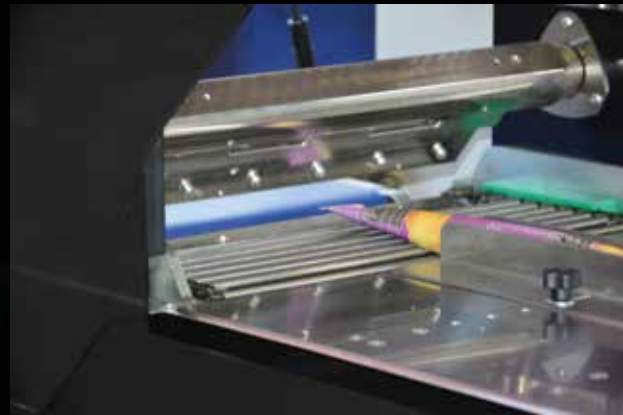
PRODUCT UNLOADING BELT

A 55-cms motorised unloading belt, available as standard on both models, replacing the traditional steel chute.

TECHNOLOGY

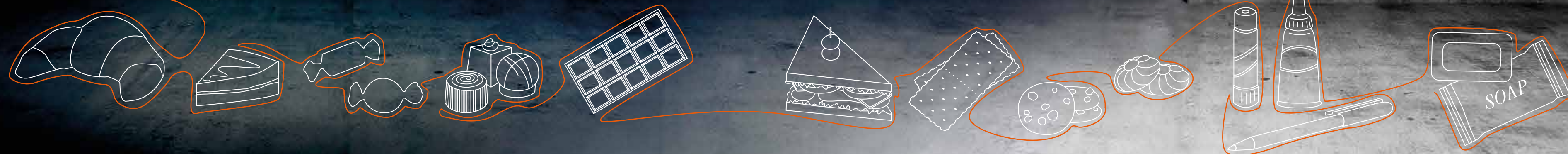**New colour touch screen** with intuitive graphics, for more simple management of all machine parameters.

NO PRODUCT NO BAG

STOP

A photocell mounted as standard on both models **identifies if a product is present and stops packaging if it doesn't find one**, so as not to create empty packages and to save film. This is equipment generally found as an optional extra only on the biggest packaging machines, from the 600 onwards.

VERSATILITY

Versatility of packaging allows a range of products of different shapes and sizes to be packaged at high speed, economically and safely. This is why the Miniflow packaging machine satisfies perfectly the needs of different sectors: groceries, hotels, industry, graphics, laundry, wood industry, bread, fresh produce, logistics, IT, sport...

SOAP

MINIFLOW 380

COMPLETELY ELECTRIC FLOWPACK PACKAGING MACHINE

The **MINIFLOW 380** is the new completely electric "FlowPack" packaging machine by **MINIPACK®-TORRE**.

Designed to simplify as much as possible maintenance and cleaning operations for the customer. Thanks to the 3 highly performant Brushless motors and its 7" TouchScreen panel, it will guarantee maximum versatility with format changes and therefore extreme simplicity in packaging operations.

It can package strapped product, max 160 mm, and can reach 80 packages per minute. With an optimal quality/price ratio, this packaging machine is a union of quality and technology, and it guarantees a high level of reliability.

This machine is suitable for packaging: Brioches, sweets, candy, chocolates, chocolate, pharmaceutical products, various small objects and much more.

TECHNICAL FEATURES
Power supply V 220 1Ph
Electrical power kW 1
Electric consumption kWh 1,8
Hourly production p/h (pph) Up to 4800
Sealing Bar mm 160
MAX product weight gr 500
MAX product height mm 75
Max length product mm 500
Reel Diameter MAX Dimensions mm 350
MAX Reel Strip Dimensions mm 380
Worktop height mm 800/950
Machine dimensions mm 2200 x 800 x h.1800
Machine weight (net/gross) Kg 320

MOTOR UNIT

- 3 Brushless Motors
- 3 Digital Drivers

PRODUCT LOADING UNIT

- Product loader L 1400 mm with AISI 304 stainless steel contact plane with emergency stop at the end
- Lateral product guides that can be adjusted in width
- Transport flights with related hooks fastened to the chain, made of a food grade plastic material, with quick coupling and release
- "Crumb collector" casing under the loader, which can be opened for cleaning and inspection
- Fixed or adjustable conveyor

REEL HOLDER UNIT

- Reel holder installed on aluminium structure with 380 mm arm equipped with millimetric adjustment for film/conveyor alignment and reel blocking

TRANSVERSAL SEALING UNIT

- Sealing bars with a useful width of 160 mm
- Cutting blade dimensions 150 mm
- Possibility of having a double centre bar (optional)

INFEED ROLLER UNIT

- Two sets of longitudinal sealing wheels, the first cold one for feeding and the second hot one for sealing
- Static sealed edge folder
- Possibility of having the automatic opening system for hot rollers (optional)

ELECTRICAL PARTS

- 1 Plc with TouchScreen
- Integrated temperature regulator
- Potentiometer for speed adjustment
- High quality relays, circuit breakers and contactors

MINIFLOW 600

COMPLETELY ELECTRIC FLOWPACK PACKAGING MACHINE

MINIFLOW 600 is **MINIPACK®-TORRE**'s new, totally electronic, "FlowPack" packaging machine.

A high-performance, versatile, technologically advanced packaging machine aimed at businesses that are looking for a high-quality product to optimise their packaging processes with a high level of performance. Designed to simplify customers' maintenance and cleaning operations as much as possible.

Thanks to its 3 high-performance brushless motors and its 7" touch screen panel, it guarantees maximum versatility in changing format, therefore packaging operations become extremely simple.

It can package a range of products to a maximum of 600 mm and at a rate of up to 120 products per minute. With an excellent quality-price ratio, this packaging machine is a mix of quality and technology and guarantees high reliability.

It is suitable for packaging innumerable food and non-food products like croissants, cakes, pharmaceuticals, toffees, chocolates, chocolate bars, various small objects and lots more besides.

TECHNICAL FEATURES
Power supply V 220 3Ph
Electrical power kW 3,5
Electric consumption kWh 3,5
Hourly production p/h (pph) 0-7200
Sealing Bar mm 300
MAX product weight gr 1500
MAX product height mm 110
Max length product mm 650
Reel Diameter MAX Dimensions mm 350
MAX Reel Strip Dimensions mm 600
Worktop height mm 950
Machine dimensions mm 3300 x 1150 x h.1750
Machine weight (net/gross) Kg 700

CHARACTERISTICS

- User-friendly 7" PLC touch screen
- Easy inspection for maintenance and cleaning of roller unit
- Expandable pneumatic shaft for film support
- 3 brushless motors
- Photocell to centre printed film
- Printing and product centring via touch screen
- 3 pairs of infeed rollers - last group with a folding fin function
- Infeed roller with integrated pneumatic opening
- Safety housing, with stoppage system in the event of opening
- EC certified safety and management modules
- Motorised product unloading belt with central guide
- Emergency button with immediate interruption of the production cycle
- Inspectable magnetic roller bars
- Sliding surface in AISI 304 stainless steel conforming with EC regulations
- "Crumb catcher" boxes on the infeed belt
- Rotating collectors with integrated brushes
- Parameter and recipe backup via USB port
- Belt handling mechanism to reduce play
- Network connection for assistance via LAN and VNC L cable
- No Product No Bag photocell to identify product and not create empty packages

THERMAL PRINTER

For printing information or logos onto film, customisable printing area.

ROTARY PRINTER

For pad printing numbers and letters up to a maximum of 3 rows.

LOADING BELT EXTENSION

Allows the lengthening of the loading belt in multiples of 1 metre.

ZIG ZAG BLADE

Recommended for the creation of easy-to-open packs.

DOUBLE SEALING BAR

Allows packing speed to be doubled.

FIXED FORMING DEVICE

Recommended for machines for the packing of a single product.

ETHYL ALCOHOL SPRAY UNIT

Recommended for the packing of baked products.

STAINLESS STEEL BODY

Recommended for humid environments and for the food or pharmaceutical sector.

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EURO-HOLE OPTION

Allows for the creation of a hangable package.

STAINLESS STEEL BODY

Recommended for humid environments and for the food or pharmaceutical sector.

LONG DWELL HEAD

Sealing unit necessary for packing with the injection of pre-mixed gasses.

ETHYL ALCOHOL SPRAY UNIT

Recommended for the packing of baked products.

PRODUCT SUPPORT CHAIN

Recommended for the packing of heavy products.

SIDE CHAIN UNIT

Recommended for the packing of products on edge.

MOTORISED FILM UNWINDER

Recommended for high-speed production, offering more constant unwinding.

minipack® - torre
The Original Pioneers

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