PRATIKA SERIES
AUTOMATIC PACKAGING MACHINES

PRATIKA 56 - T
mps

minipack Tunnel 50 Twin GT

TOP PERFORMANCE
AND FUTURISTIC DESIGN

minipack®-torre

PRATIKA
TECHNOLOGY AND INNOVATION MADE IN ITALY

Pratika is a line of high-tech automatic wrapping machines designed and manufactured entirely in our factories in Italy. Reliability, versatility, productivity, safety, intuitive management, elegant and functional design: these are the keywords for the success of this line.

A new approach to shrink wrapping.

PERFORMANCE

The Pratika range combines speed, accuracy and versatility of packaging. It's suitable for any type of product and for all production requirements.

RELIABILITY AND QUALITY

Over 40 years of experience, 300,000 machines installed worldwide, and a R&D Centre that focuses on continuous technological development. It's this expertise that goes into the Pratika line that best embodies Minipack®-Torre's quality and reliability.

GREEN SPIRIT

Because of their technological advances, our machines consume about 30% less power than the industry standard. For us, sustainability is important, so we orient research and development activities towards ensuring that the equipment used by our clients are the right combination of outstanding performance and lower power consumption.

DESIGN AND ERGONOMICS

The design of an industrial machine cannot be an end in itself, it must be functional. From the control panel on the 180° rotating arm to the pull-out roll drawer, from the illuminated work area to the double doors - everything is designed to improve the quality of the operator's work.

EASY MANAGEMENT

Simple and intuitive graphic Touch Panels are supplied on all machines for enabling the operator to control the process with one finger. To enter the product parameters, set one of the 256 programs stored by the user, upload, download and transfer data via the integrated Ethernet and USB ports, and solve problems autonomously thanks to Troubleshooting or via the internet with the remote support box, examining the machine remotely from our Lab.

PRE-SALES AND AFTER-SALES SERVICE

Everything comes from the personalised design of your system and continues with the total customisation of processing, service, pre-sales and after-sales service. We provide a worldwide service network. Free packaging trials complete our service.

SPEED

The Pratika* line is equipped with a Brushless motor that allows for faster movement of the sealing bar and a pressure that is 2 - 3 times higher than pneumatic models, with a movement time of less than a second.

VERSATILITY

The versatility of the shrink wrap packaging enables a range of products in different shapes and sizes to be packed quickly, economically and safely. That's why Pratika wrapping machines are ideal for the needs of different sectors: food, cosmetics, industrial, graphic, laundry, wood industry, bakery, fruit & veg, logistics, IT, sport...
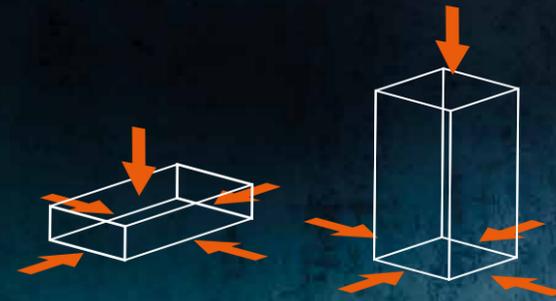
SELF-MANAGEMENT

Thanks to its PLC management system and its various motorised adjustment functions, the Pratika** line can regulate itself based on the size of the product to be packaged (except for width) and based on set parameters: bar height, triangle height, centring of the seal, a choice of horizontal or vertical sensors, belt speed, ability to adapt to products of various sizes.

FULL ELECTRIC
SORRY, I DON'T NEED AIR!

The Pratika* range brings a new approach to shrink wrapping - to be fully electric. Thanks to the Brushless motor there's no need for compressed air, providing great advantages by eliminating the compressor: more speed, more pressure, more control, less noise, less power consumption, fewer installation problems.

*EXCLUDES PRATIKA MODELS 56 AND 56CS
**EXCLUDES PRATIKA MODELS 56, 56CS AND SMART

Schneider Electric

A HIGH PROFILE PARTNER

MINIPACK®-TORRE has chosen SCHNEIDER ELECTRIC as its global partner for the electrical and electronic components of our automatic machines.
SCHNEIDER ELECTRIC's international status is a guarantee of reliability. MINIPACK®-TORRE costumers know they can always count on our reliable and technologically up to date products, together with a widespread and efficient service support across the five continents which reduce time and service costs.

PRATIKA 55 SMART

THE AUTOMATIC COMPACT SHRINK WRAPPING MACHINE WITH BUILT-IN TUNNEL

The new automatic shrink wrapping model **PRATIKA 55 SMART** has been created through paying meticulous attention to market needs, with the aim of proposing a technologically advanced but flexible and extremely compact product. The built-in tunnel, revolutionary in the world of automatic machinery, meets space requirements and reduces labour costs to a minimum, thanks to its patented "come back" option for a single operator.

Enhanced by strong mechanical and electronic technology, the new **PRATIKA 55 SMART** represents a perfect combination of reliability, versatility and safety, and provides a further evolution in automatically operated, compact shrink wrapping machines.

PLUS

Schneider Electric Brushless Servo Motor

Schneider Electric PLC-managed control logic

Electric power supply, not pneumatic

Colour touchscreen control panel

Compact (2.2 m²)

Economic

TECHNICAL FEATURES

L-seal system

Schneider Electric M221 PLC with 128 customisable and nameable programs

4.3-inch colour touchscreen console

USB and SD interface

Schneider Electric Brushless Drive motor

Micro-hole-punch device with film tension control based on the height of the product

Height-adjustable triangle and sealing bar

Sealing bar aperture can be set via the touchscreen control panel

Belt speed (entry/exit) regulated by Schneider Electric's "Altivar" programmable inverter (optional)

Interface connectors with additional loading and unloading belts

Fully antistatic standard belts that comply with the tightest regulations in the food industry (inc. FDA)

Motorised winder

Built-in tunnel with low energy consumption

TECHNICAL DATA

Electrical power supply V 400 3Ph + N

Maximum power (tunnel included) kW 7.5

Hourly production 0-1200 pz/h *(based on the film used and product size)*

Maximum product dimensions mm 400 x 420 x h.120 *(Maximum dimensions cannot be used simultaneously)*

Maximum roll dimensions (diameter) mm 300

Maximum reel strip dimensions (width) mm 600

Working plate height (infeed belt h.) mm 870

Machine dimensions mm 2390 x 1190 x h.1680

Usable polyolefin film thickness of 9-38 microns

Machine weight (net/gross) kg 677/813

LATEST TECHNOLOGIES

- Remote tele-service (optional)
- Troubleshooting - description and solution suggestion
- Remote control (optional)

ATTENTION TO SAFETY

- Opening doors fitted with safety micro switch
- Operator safety control logic
- Machine stop audio warning (optional)
- Compliance with CE regulations

EXCELLENT PRODUCTIVITY

- High seal speed and productivity
- Electronically adjustable transport belt speed (optional)
- Ability to wrap individual packs or groups of products

SEAL EFFICIENCY

- L-seal system driven by Brushless motor
- L-seal blade
- Seal bar height adjustable to the mm via the touchscreen control panel
- Adjustable seal time and seal temperature
- Adjustable seal pressure (min/med/max)

MAXIMUM FUNCTIONALITY

- Roll insertion at the top of the unit with sliding drawer device for ease of insertion
- Horizontal sensors to read product (vertical sensors optional)
- Daily or part-day electronic cycle counter and lifetime item counter
- General automatic control available right from ignition

EASE OF USE

- Illuminated work area (optional)
- The machine can be on wheels
- The machine's doors can be opened 180º to ensure easy access and operation
- Simple, intuitive operator graphics

NEW

PRATIKA 55 smart   minipack-torre

PRATIKA 56 MPE REVERSE

A PERFECT SYNTHESIS OF RELIABILITY, SPEED AND FLEXIBILITY

PRATIKA 56 MPE REVERSE is a wrapping machine with double hatch.

The new **PRATIKA 56 MPE REVERSE** version arises from tireless attention to the needs of the market with the aim of offering a technologically advanced, yet flexible and "user-friendly" product.

Enhanced with strong technological, mechanical and electronic contents, the new **PRATIKA 56 MPE REVERSE**, suitable for operation on both sides thanks to its double hatch, represents a perfect synthesis of reliability, high performance, versatility and safety, by which the way of conceiving automatic packaging machines with heat-shrink film evolves one more time.

PLUS

"Center Sealing" adjustable sealing device setting via the touchscreen control panel

Control panel 180° adjustable

Integrated troubleshooting to make it easier to analyse machine faults and find solutions

Operator-friendly graphics and software

Schneider Electric Brushless Servo Motor

Schneider Electric PLC-managed control logic

Electric power supply, not pneumatic

Reduced energy consumption

TECHNICAL FEATURES

L-seal system

Schneider Electric M258 PLC with 256 customisable and nameable programs

5.7-inch colour touchscreen console, 10 languages

2 Dual Core microprocessors (like 4) 2 x 32 bit

USB interface

Schneider Electric Brushless Drive motor

Signalling of roll and film opening roller positioning on the set product height

Micro-punching device with film tension control according to the set product height

Height-adjustable triangle and sealing bar setting via the touchscreen control panel

---

Sealing bar aperture can be set via the touchscreen control panel

Belt speed (entry/exit) regubted by Schneider Electric's "Altivar" programmable inverter

Electronic port at the infeed and outfeed for interfacing with supplementary product unloading and loading belts

Fully antistatic standard belts that comply with the tightest regulations in the food industry (inc. FDA)

Motorised winder

Full waste winder warning electronic device

Can be combined with the heat-shrink tunnel

TECHNICAL DATA

Electrical power supply V 230 1Ph

Maximum power kW 3

Hourly production 0-3600 pz/h *(based on the film used and product size)*

Maximum product dimensions mm 600 x 400 x h.240 *(Maximum dimensions cannot be used simultaneously)*

Maximum roll dimensions (diameter) mm 300

Maximum reel strip dimensions (width) mm 700

Working plate height mm 870

Machine dimensions (guards closed) mm 2480 x 1240 x h.1675

Machine dimensions (guards open) mm 2480 x 1820 x h.1960

Machine weight (net/gross) kg 667/813

LATEST TECHNOLOGIES

- Biometric reader for data security (optional)
- Remote tele-service (optional)
- Troubleshooting - description and solution suggestion
- Remote control (optional)

EXCELLENT PRODUCTIVITY

- High seal speed and productivity
- Electronically adjustable transport belt speed
- Electric kissing belts device (optional)
- Ability to wrap individual packs or groups of products

SEAL EFFICIENCY

- L-seal system driven by Brushless motor
- L-seal blade
- Seal bar height adjustable to the mm via the touchscreen control panel
- Adjustable seal time and seal temperature
- Adjustable seal pressure (min/med/max)

ATTENTION TO SAFETY

- Machine protected by a cover with operator safety guard also including infeed and outfeed belt and roll support
- Opening doors fitted with safety micro switch
- Operator safety control logic
- Visible and acoustic machine stop alarm signal
- Compliance with CE regulations

MAXIMUM FUNCTIONALITY

- Extractable roll insertion at the rear
- Fitted with weights to adjust film tensioning
- High technology vertical and horizontal photocell
- Daily or part-day electronic cycle counter and lifetime item counter
- General automatic control available right from ignition
- Reduced energy consumption

EASE OF USE

- Illuminated work area
- Machine on adjustable wheels and feet
- Front and rear opening for easy access and servicing
- Simple, intuitive operator graphics

PRATIKA 56 MPE REVERSE INOX

STEEL RESISTANCE AND DUAL FUNCTION

PRATIKA 56 MPE REVERSE INOX is a steel wrapping machine.

An evolution of the PRATIKA 56 MPE model in the stainless steel variant, this model is intended for processing labs to package food or pharmaceutical products.

In terms of design, priority was assigned to practicality: along with the material specifically designed for the food industry, the double hatch allows for operation in both directions, from right to left and vice versa.

PRATIKA 56 MPE REVERSE INOX aims at meeting the needs of the market it is intended for as best as possible by offering high-tech and yet flexible solutions: everything is designed to achieve the highest speed and efficiency, with a huge benefit in terms of labour and packaging time.

PLUS

"Center Sealing" adjustable sealing device setting via the touchscreen control panel

Control panel 180° adjustable

Integrated troubleshooting to make it easier to analyse machine faults and find solutions

Operator-friendly graphics and software

Schneider Electric Brushless Servo Motor

Schneider Electric PLC-managed control logic

Electric power supply, not pneumatic

Reduced energy consumption

TECHNICAL FEATURES

Schneider Electric M258 PLC with 256 customisable and nameable programs

L-seal system

5.7-inch colour touchscreen console, 10 languages

2 Dual Core microprocessors (like 4) 2 x 32 bit

USB interface

Schneider Electric Brushless Drive motor

Signalling of roll and film opening roller positioning on the set product height

Micro-punching device with film tension control according to the set product height

Height-adjustable triangle and sealing bar setting via the touchscreen control panel

---

Sealing bar aperture can be set via the touchscreen control panel

Belt speed (entry/exit) regulated by Schneider Electric's "Altivar" programmable inverter

Electronic port at the infeed and outfeed for interfacing with supplementary product unloading and loading belts

Fully antistatic standard belts that comply with the tightest regulations in the food industry (inc. FDA)

Motorised winder

Full waste winder warning electronic device

Can be combined with the heat-shrink tunnel

TECHNICAL DATA

Electrical power supply V 230 1Ph

Maximum power kW 3

Hourly production 0-3600 pz/h (pph) *(based on the film used and product size)*

Maximum product dimensions mm 600 x 400 x h.240 *(Maximum dimensions cannot be used simultaneously)*

Maximum roll dimensions (diameter) mm 300

Maximum reel strip dimensions (width) mm 700

Working plate height mm 870

Machine dimensions (guards closed) mm 2480 x 1240 x h.1675

Machine dimensions (guards open) mm 2480 x 1820 x h.1960

Machine weight (net/gross) kg 667/813

LATEST TECHNOLOGIES

- Biometric reader for data security (optional)
- Remote tele-service (optional)
- Troubleshooting - description and solution suggestion
- Remote control (optional)

ATTENTION TO SAFETY

- Machine protected by a cover with operator safety guard also including infeed and outfeed belt and roll support
- Opening doors fitted with safety micro switch
- Operator safety control logic
- Visible and acoustic machine stop alarm signal
- Compliance with CE regulations

SEAL EFFICIENCY

- L-seal system driven by Brushless motor
- L-seal blade
- Seal bar height adjustable to the mm via the touchscreen control panel
- Adjustable seal time and seal temperature
- Adjustable seal pressure (min/med/max)

EXCELLENT PRODUCTIVITY

- High seal speed and productivity
- Electronically adjustable transport belt speed
- Electric kissing belts device (optional)
- Ability to wrap individual packs or groups of products

MAXIMUM FUNCTIONALITY

- Extractable roll insertion at the rear
- Fitted with weights to adjust film tensioning
- High technology vertical and horizontal photocell
- Daily or part-day electronic cycle counter and lifetime item counter
- General automatic control available right from ignition
- Reduced energy consumption

EASE OF USE

- Illuminated work area
- Machine on adjustable wheels and feet
- Front and rear opening for easy access and servicing
- Simple, intuitive operator graphics

PRATIKA 56 E 56 CS

TECHNOLOGY OF A LEADER AT THE RIGHT INVESTMENT

PRATIKA 56 e **PRATIKA 56 CS** are a completely innovative automatic packaging machine, basic model of a **MINIPACK®-TORRE** product range which imposes a new standard comparing to similar machines.

High technological, mechanical and electronic components and granted reliability are the common features of a range of machines with specific packaging features: each one meets specific packaging needs. Both model are equipped with kissing belt as standard.

PRATIKA 56 CS allows to achieve a horizontal sealing exactly in the middle of the product (CS stands for CENTERSEALING) through the movement of the whole sealing head.

PLUS

Control panel 180° adjustable

Ethernet port included

Integrated troubleshooting to make it easier to analyse machine faults and find solutions

Operator-friendly graphics and software

Interface for new optional belts that can be adjusted from the panel

TECHNICAL FEATURES

Belt speed controlled with an inverter

Automatic control of general features

2 product detection photocells

5.7-inch colour touchscreen console, 10 languages

Extractable roll insertion at the rear

Electronic port at the infeed and outfeed for interfacing with supplementary product unloading and loading belts

Full waste winder warning electronic device

PLC control logic

Micro-punching device with film tension control

Option of packaging individual or multiple packs

Fully antistatic standard belts that comply with the tightest regulations in the food industry (inc. FDA)

Motorised winder

Can be combined with the heat-shrink tunnel

TECHNICAL DATA

Electrical power supply V 230 1Ph

Maximum power kW 2,5

Pneumatic supply bar 5

Hourly production 0-2400 pz/h *(based on the film used and product size)*

Maximum product dimensions
PRATIKA 56 mm 600 x 400 x h.160
PRATIKA 56 CS mm 600 x 400 x h.240
(Maximum dimensions cannot be used simultaneously)

Maximum roll dimensions (diameter) mm 300

Maximum reel strip dimensions (width) mm 700

Working plate height mm 870 (infeed belt h.)

Machine dimensions (guards closed) mm 2480 x 1240 x h.1675

Machine dimensions (guards open) mm 2480 x 1490 x h.1960

Machine weight (net/gross)
PRATIKA 56 kg 585/721 **PRATIKA 56 CS** kg 670/806

VERSATILITY

- 600x400 mm sealing area
- Maximum product height 240 mm (only CS)
- Working plate height 860 mm
- 256 programs that can be customised on the digital control panel

EXCELLENT PRODUCTIVITY

- High sealing speed
- High output (variable based on product, film and the operator's ability)
- Lit working area
- Motorised winder

ADVANTAGES

- Extractable roll insertion at the rear
- Fitted with weights to adjust film tensioning
- PLC Schneider Electric standard con assistenza capillare
- "Center Sealing" adjustable sealing device setting via the touchscreen control panel (only CS)

ATTENTION TO SAFETY

- Machine protected by a cover also including infeed and outfeed belt and roll support
- Opening doors fitted with safety micro switch
- Operator safety control logic
- Visible and acoustic machine stop alarm signal
- Compliance with CE regulations

EASE OF USE

- Motorised adjustment of the triangles' height on the product height setting
- Belt approaching system provided as standard to pack small products
- Machine on adjustable wheels and feet
- Easy access to the machine and perform work on it

PRATIKA 56-T MPS

EXCEEDS ANY LENGTH AND SPEED LIMIT

PRATIKA 56-T MPS is an automatic packaging machine fitted with the Side Seal device, the continuous sealing with no limits in terms of length, as well as the Centre Sealing and fully electric operation.

The mechanical and electronic components of this machine, which is suitable for packaging formats up to 400 mm wide and 240 mm height, have been enhanced to reach an output of max 3,600 pcs/h (depending on the product size and film used).

Made on our new T bodywork, which includes a standalone electrical system located at the back of the machine.

PRATIKA 56-T MPS is a perfect synthesis of reliability, high performance, versatility and safety, thereby further developing the way of designing packaging machines with heat-shrink film.

PLUS

Continuous sealing system

"Center Sealing" adjustable sealing device setting via the touchscreen control panel

Control panel 180° adjustable

Integrated troubleshooting to make it easier to analyse machine faults and find solutions

Operator-friendly graphics and software

Schneider Electric Brushless Servo Motor

Schneider Electric PLC-managed control logic

Electric power supply, not pneumatic

Reduced energy consumption

TECHNICAL FEATURES

Schneider Electric M258 PLC with 256 customisable and nameable programs

5.7-inch colour touchscreen console, 10 languages

2 Dual Core microprocessors (like 4) 2 x 32 bit

USB interface

Schneider Electric Brushless Drive motor

Signalling of roll and film opening roller positioning on the set product height

Micro-punching device with film tension control according to the set product height

Height-adjustable triangle and sealing bar setting via the touchscreen control panel

Sealing bar aperture can be set via the touchscreen control panel

Belt speed (entry/exit) regulated by Schneider Electric's "Altivar" programmable inverter

Electronic port at the infeed and outfeed for interfacing with supplementary product unloading and loading belts

Fully antistatic standard belts that comply with the tightest regulations in the food industry (inc. FDA)

Full waste winder warning electronic device

Can be combined with the heat-shrink tunnel

TECHNICAL DATA

Electrical power supply V 230 1Ph

Maximum power kW 3

Hourly production 0-3600 pz/h *(based on the film used and product size)*

Usable film: Polyolefins and Polyethylene, with cross bar for Polyethylene (optional)

Maximum product dimensions mm 400 x 240 x L.∞ *(Maximum dimensions cannot be used simultaneously)*

Maximum roll dimensions (diameter) mm 350

Maximum reel strip dimensions (width) mm 700

Infeed belt height mm 884

Machine dimensions (guards closed) mm 2244 x 1795 x h.1726

Machine dimensions (guards open) mm 2244 x 2395 x h.1950

LATEST TECHNOLOGIES

- Biometric reader for data security (optional)
- Remote tele-service (optional)
- Troubleshooting - description and solution suggestion
- Remote control (optional)

SEAL EFFICIENCY

- New Side Seal unit moved with a Stepper motor
- Blade movement with Brushless motor
- Double sealing temperature adjustment, both on the longitudinal bar and on the Side Seal
- Automatic cross bar height may be set to the mm via the touchscreen panel
- Sealing time and force adjustment (min/medium/max).

ATTENTION TO SAFETY

- Machine protected by a cover with operator safety guard also including infeed and outfeed belt and roll support
- Opening doors fitted with safety micro switch
- Operator safety control logic
- Visible and acoustic machine stop alarm signal
- Compliance with CE regulations

EXCELLENT PRODUCTIVITY

- High seal speed and productivity
- Electronically adjustable transport belt speed
- Electric kissing belts device
- Ability to wrap individual packs or groups of products

MAXIMUM FUNCTIONALITY

- Extractable roll insertion at the rear
- Fitted with weights to adjust film tensioning
- Daily or part-day electronic cycle counter and lifetime item counter
- General automatic control available right from ignition
- Reduced energy consumption

EASE OF USE

- Illuminated work area
- Machine on adjustable wheels and feet
- Front and rear opening for easy access and servicing

PRATIKA 80-T MPS

CONTINUOUS SEALING AT MAXIMUM DIMENSIONS

PRATIKA 80-T MPS is a wrapping machine for continuous sealing. The code indicates the Side Seal device, continuous sealing which does not involve limits in length, to package up to 4, 5, 6 metres. As well as being fitted with the Centre Sealing, this new version of the machine - suitable to package large formats up to 700 mm wide x 360 mm high - has been enhanced with high technological, mechanical and electronic contents.

PRATIKA 80-T MPS represents a perfect synthesis of reliability, high performance, versatility and safety, by which the way of conceiving automatic packaging machines with heat-shrink film evolves one more time.

PLUS

Continuous sealing system

"Center Sealing" adjustable sealing device setting via the touchscreen control panel

Control panel 180° adjustable

Integrated troubleshooting to make it easier to analyse machine faults and find solutions

Operator-friendly graphics and software

Schneider Electric Brushless Servo Motor

Schneider Electric PLC-managed control logic

Electric power supply, not pneumatic

Reduced energy consumption

TECHNICAL FEATURES

Electric M258 PLC with 256 customisable and nameable programs

5.7-inch colour touchscreen console, 10 languages

2 Dual Core microprocessors (like 4) 2 x 32 bit

USB interface

Schneider Electric Brushless Drive motor

Signalling of roll and film opening roller positioning on the set product height

Micro-punching device with film tension control according to the set product height

Height-adjustable triangle and sealing bar setting via the touchscreen control panel

Sealing bar aperture can be set via the touchscreen control panel

Belt speed (entry/exit) regulated by Schneider Electric's "Altivar" programmable inverter

Electronic port at the infeed and outfeed for interfacing with supplementary product unloading and loading belts

Fully antistatic standard belts that comply with the tightest regulations in the food industry (inc. FDA)

Full waste winder warning electronic device

Can be combined with the heat-shrink tunnel

TECHNICAL DATA

Electrical power supply V 230 1Ph

Maximum power kW 3

Hourly production 0-3000 pz/h *(based on the film used and product size)*

Maximum product dimensions mm 700 x 360 x L.∞ *(Maximum dimensions cannot be used simultaneously)*

Maximum roll dimensions (diameter) mm 350

Maximum reel strip dimensions (width) mm 1000

Infeed belt height mm 915

Machine dimensions (guards closed) mm 2785 x 2490 x h.1770

Machine dimensions (guards open) mm 2785 x 3090 x h.2280

SEAL EFFICIENCY

- New Side Seal unit moved with a Stepper motor
- Blade movement with Brushless motor
- Double sealing temperature adjustment, both on the longitudinal bar and on the Side Seal
- Automatic cross bar height may be set to the mm via the touchscreen control panel
- Sealing time and force adjustment (min/medium/max)

EXCELLENT PRODUCTIVITY

- High seal speed and productivity
- Electronically adjustable transport belt speed
- Electric kissing belts device
- Ability to wrap individual packs or groups of products

MAXIMUM FUNCTIONALITY

- Extractable roll insertion at the rear
- Fitted with weights to adjust film tensioning
- High technology vertical photocell
- Daily or part-day electronic cycle counter and lifetime item counter
- General automatic control available right from ignition
- Reduced energy consumption

LATEST TECHNOLOGIES

- Biometric reader for data security (optional)
- Remote tele-service (optional)
- Troubleshooting - description and solution suggestion
- Remote control (optional)

ATTENTION TO SAFETY

- Machine protected by a cover with operator safety guard also including infeed and outfeed belt and roll support
- Opening doors fitted with safety micro switch
- Operator safety control logic
- Visible and acoustic machine stop alarm signal
- Compliance with CE regulations

EASE OF USE

- Illuminated work area
- Machine on adjustable wheels and feet
- Front and rear opening for easy access and servicing

PACKAGING MACHINES OPTIONALS

FE122091
BIOMETRIC READER

The biometric reader is a simple, reliable and effective option that uses fingerprint recognition to control the machine, allowing access to its features to be restricted only to authorised individuals.

ADVANTAGES
Fingerprint recognition is one of the most rapid and accurate authentication and access control systems.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
Pratika 56-T MPS
Pratika 80-T MPS

KR210095
WIRELESS KEYPAD

Allows the machine to be started and stopped remotely.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
Pratika 56-T MPS
Pratika 80-T MPS

KR230214
REMOTE SUPPORT BOX

KR230216
INTEGRATED REMOTE SUPPORT BOX

This device allows assistance to be provided remotely to all electronic equipment (PLC, HMI, inverters, drives) installed on the machine. It is possible to install it inside the machine (KR230216).

ADVANTAGES
Connected to the machine and to the "Help Centre" in our headquarters in Dalmine (Italy), the device can provide us with diagnostic information and enable us to take the appropriate action.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS · Pratika 56 MPE
Pratika 56-T MPS · Pratika 80-T MPS

For this option to function correctly, we also recommend the purchase of the 3G UMTS dongle.

FE124002
3G UMTS DONGLE

This ensures that the remote support box functions correctly.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
Pratika 56-T MPS
Pratika 80-T MPS

KR230225
### ELECTRIC HOLE-PUNCH KIT

This can be used in alternative to the standard micro-hole-punches, for wrapping that must not be exposed to external contamination, or it can be used in addition to the standard micro-hole-punches, where products have particular wrapping requirements.

ADVANTAGES
It is particularly suitable for wrapping that requires a large amount of air to be extracted.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
Pratika 56-T MPS KR230223
Pratika 80-T MPS KR390012
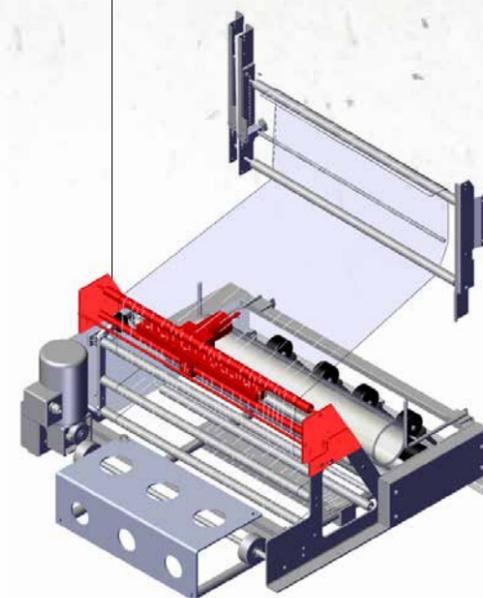
KR210068
PNEUMATIC HOLE-PUNCH KIT

This can be used in alternative to the standard micro-hole-punches, for wrapping that must not be exposed to external contamination, or it can be used in addition to the standard micro-hole-punches, where products have particular wrapping requirements.

ADVANTAGES
It is particularly suitable for wrapping that requires a large amount of air to be extracted.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
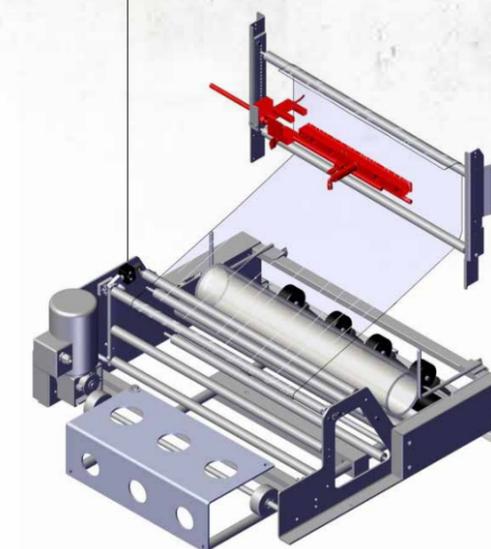
KR230310
ANTISTATIC BRUSH KIT

Consisting of a carbon fibre antistatic brush, it is mounted in a way that, by lightly brushing the film during the machine's action eliminates the electrostatic charge present on the surface of the film.

ADVANTAGES
It is particularly suitable for working with materials that are susceptible to a high level of static.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
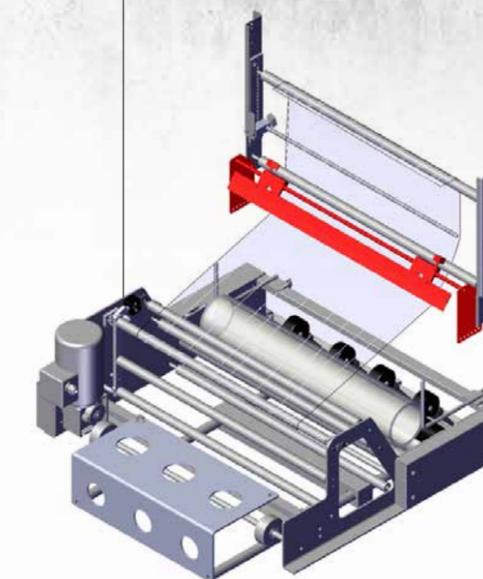
KR210109

PRESSER KIT

Fitted to the sealing frame, this allows the amount of air remaining inside the wrapping after sealing to be kept to a minimum.
The pressing surface is 300x200 mm in size, covered with foam rubber, and it presses on the package shortly before sealing, forcing the air from the package.

ADVANTAGES
This is especially recommended where only one package is to be made without shrink wrapping or where light and delicate products are to be shrink wrapped.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
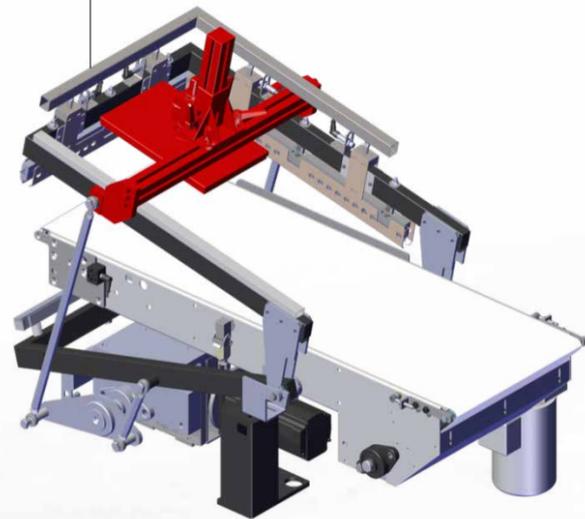
KR210055

LIQUID REMOVAL BRUSH KIT FOR BELTS

Fitted to the frame of the input belt, this ensures that liquid residue deposited on the belt by products passing over it is constantly cleared.

ADVANTAGES
It is recommended for working with food products that have no primary wrapping or with oily products.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
Pratika 80-T MPS KR390015

KR210076

UNSTABLE PRODUCTS RAIL KIT

This kit consists of a rail system fitted on the input and output belts. The kit's side profiles ensure correct positioning of the products and improved stability during movement.

ADVANTAGES
It is especially recommended where unstable products are to be wrapped.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE

If this option is chosen, we also recommend that it is combined with the unstable products rail kit for the tunnel.
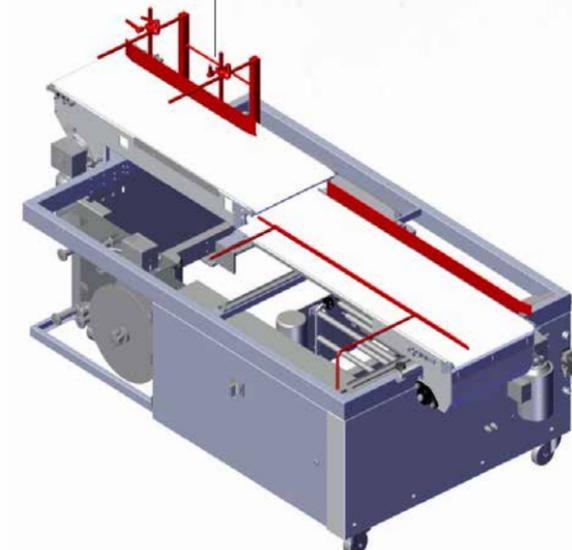
KR210104

RAIL KIT WITH LIGHT SENSOR

This is particularly suitable for working with non-transparent film where the standard light sensor would read continuously. The distinctive traits of this light sensor make it suitable for wrapping very shallow products.

ADVANTAGES
Ideal for wrapping shallow products or if using non-transparent film.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
Pratika 56-T MPS KR230231
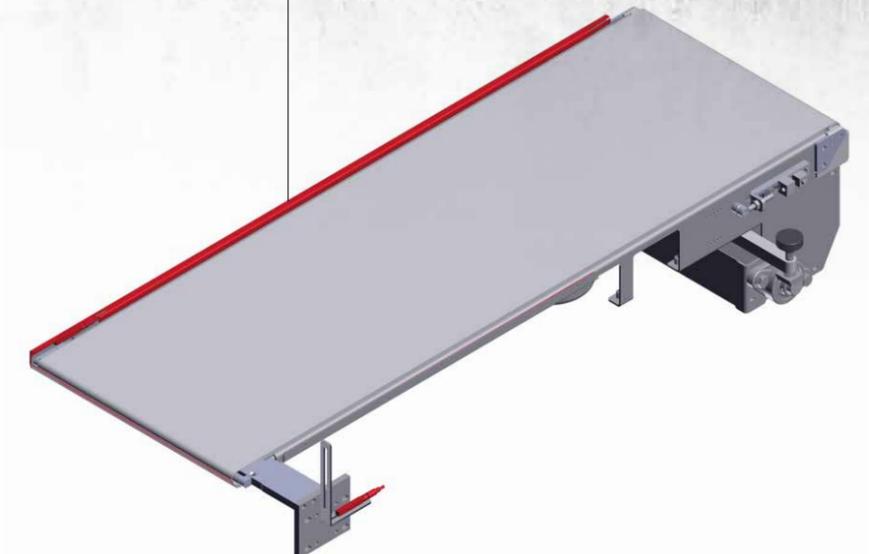
KR210080

LIGHT SENSOR KITS
FOR IRREGULAR SHAPED PRODUCTS

Comprising 5 receivers and 2 transmitters, this is particularly recommended for wrapping products that are irregular in shape.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
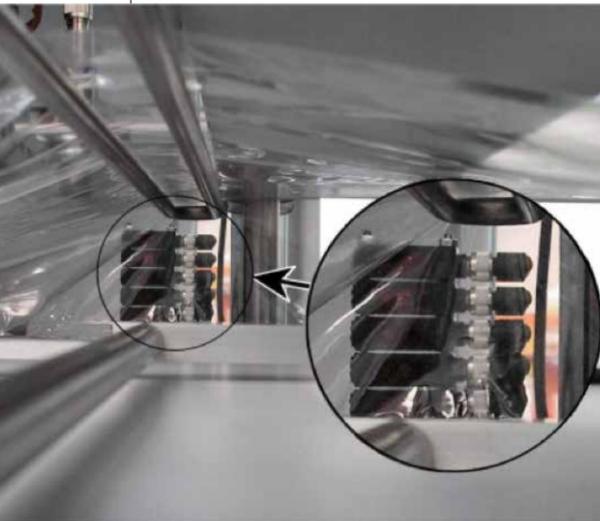
KR210106

LIGHT SENSOR KITS FOR TRANSPARENT PRODUCTS

Comprising a light sensor and a reflector, thanks to its wider range, it can detect the passage of even semi-transparent products.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
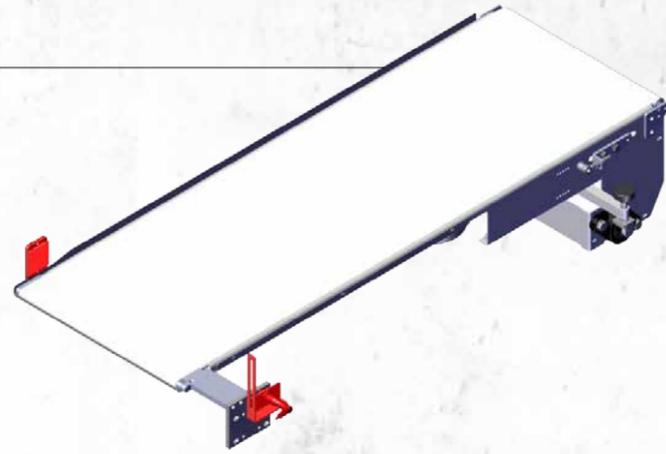
KR210094

NON-TRANSPARENT FILM LIGHT SENSOR KIT

Composed of a light sensor plus reflector, this is necessary when working with non-transparent film, where the standard light sensor would read continuously.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
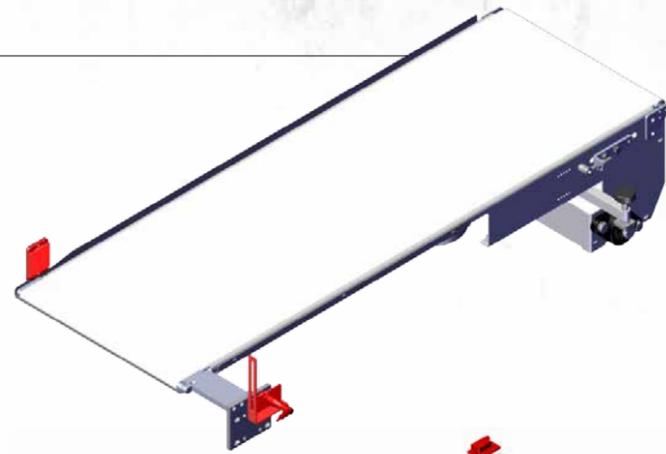
KR210072

PRODUCT ENTRY DETECTION LIGHT SENSOR KIT

Kit consisting of a light sensor with emitter and receiver, it starts the machine's cycle only when it detects that the product is present.

ADVANTAGES
It is especially useful where the production rate isn't particularly high and allows for energy savings.

OPTIONAL ON THE FOLLOWING MODELS
Pratika 56 / 56 CS
Pratika 56 MPE
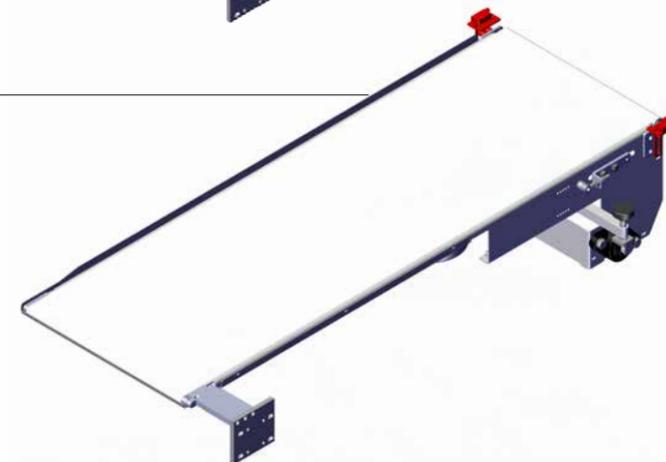
KR210069 · KR230221 · KR390003

PRINTED FILM LIGHT SENSOR KIT

Comprising a special light sensor that reads the indents printed on the film, it is necessary where printed film is used and the print must be placed in a precise location on the wrapped product.

OPTIONAL ON THE FOLLOWING MODELS

KR210069 Pratika 56 / 56 CS
Pratika 56 MPE
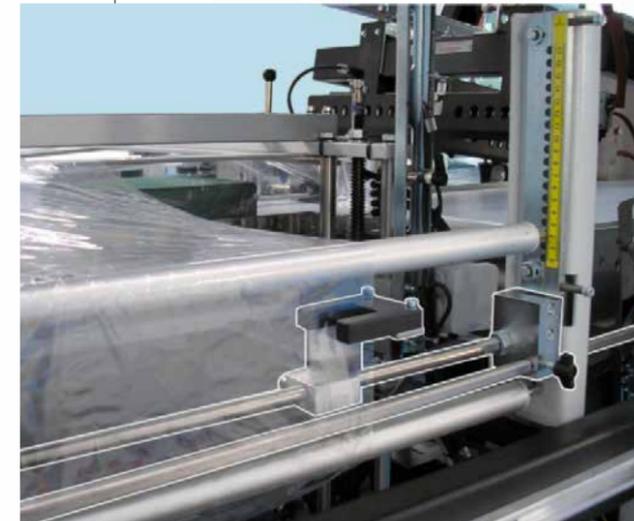
OPTIONAL ON THE FOLLOWING MODELS

KR230221 Pratika 56-T MPS
KR390003 Pratika 80-T MPS
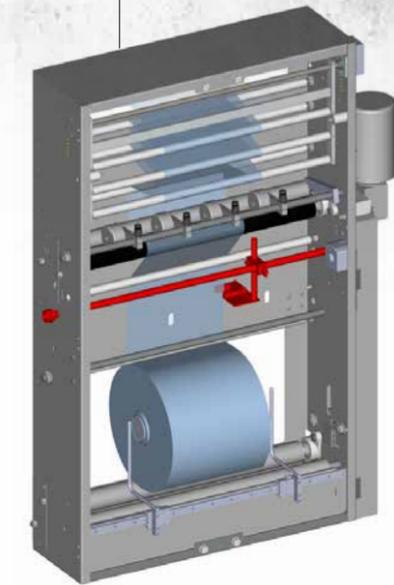
KR210070 · KR230232 · KR390001

"END OF ROLL" LIGHT SENSOR KITS

It is equipped with a light sensor that detects if the passage of the film is interrupted. An alarm appears on the Touch Screen to indicate that the film roll is empty.

ADVANTAGES

If the Pratika wrapping machine is fitted with this device, it can be linked to other machines further up the production line to stop the arrival of products to be wrapped until the film roll is changed.

OPTIONAL ON THE FOLLOWING MODELS

KR210070 Pratika 56 / 56 CS
Pratika 56 MPE

Fitted on top of the "deviafilm rolls"
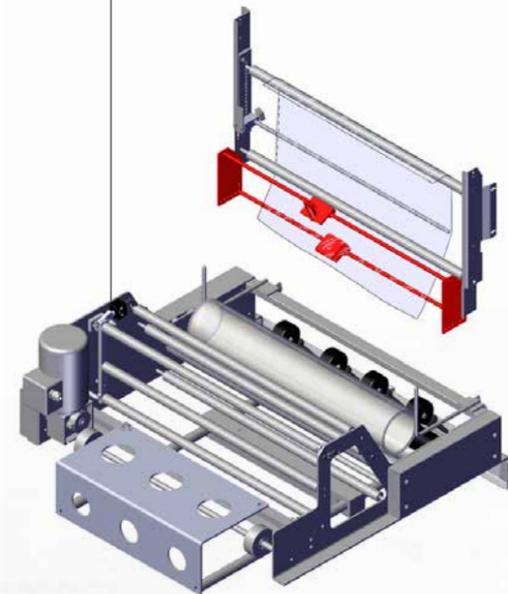
OPTIONAL ON THE FOLLOWING MODELS

KR230232 Pratika 56-T MPS
KR390001 Pratika 80-T MPS

KR210071 · KR390002

"END OF ROLL" LIGHT SENSOR KITS

Consisting of a light sensor + reflector, it sends a warning via an alarm to the Touch Screen and a yellow light on the light tower, when the film roll is running out.

ADVANTAGES

It is very useful to optimise the timing of a roll changeover. Between the time of the Touch Screen warning and the film roll actually running out, the operator has time to retrieve a new roll.

OPTIONAL ON THE FOLLOWING MODELS

KR210071 Pratika 56 / 56 CS
Pratika 56 MPE

Fitted on top of the "unwinder" group

OPTIONAL ON THE FOLLOWING MODELS

KR390002 Pratika 56-T MPS
Pratika 80-T MPS

TUNNEL

FLEXIBLE AND UPDATED SOLUTIONS
TO GET THE BEST PACKAGING

The **TUNNEL 50, 50 TWIN** and **70** has been designed to be perfectly integrated with the Pratika automatic packaging machines. They solve the needs to pack the products with great technical and esthetical results. The technical and aesthetic updates can meet a number of packaging needs in a flexible and effective manner with a wide variety of heat-shrink films.

The **INOX** versions are ideal for the needs of the food-processing and pharmaceutical sector.

TUNNEL 50 DIGIT

TECHNICAL FEATURES
Manual belt height adjustment
Digital display with 9 programs that can be selected and customised
Option of selecting the auto-rotating feature for the rollers
Product conveyor
Adjustable double air baffles
Auto-off program
Outfeed roller conveyor provided as standard

TECHNICAL DATA
Electrical power supply
TUNNEL 50 DIGIT V 200/208/220/380/415/440
TUNNEL 50 DIGIT INOX V 200/380/415
Phase ph 3
Maximum power kW 7.2
Maximum product dimensions mm 400 x 200 x L. *(The lenght depends on shape of product, belt speed, type of film, ...)*
Machine dimensions mm 1770 x 840 x h.1465
Machine weight (net/gross) kg 188/236
Tunnel infeed dimensions mm 450 x 240

TUNNEL 50 DIGIT INOX

TUNNEL 70 DIGIT

TECHNICAL FEATURES

Manual belt height adjustment

Digital display with 9 programs that can be selected and customised

Option of selecting the auto-rotating feature for the rollers

Product conveyor

Adjustable double air baffles

Auto-off program

Outfeed roller conveyor provided as standard

Two independent heating rooms

TECHNICAL DATA

Electrical power supply V 200/220/380

Phase ph 3

Maximum product dimensions mm 650 x 350 x L. *(The lenght depends on shape of product, belt speed, type of film, ...)*

Machine dimensions mm 2770 x 1160 x h.1640

Cart weight (net/gross) kg 415/483

Tunnel infeed dimensions mm 680 x 390

TUNNEL 50 TWIN

TECHNICAL FEATURES

Manual belt height adjustment

Digital display with 9 programs that can be selected and customised

Option of selecting the auto-rotating feature for the rollers

Product conveyor

Adjustable double air baffles

Auto-off program

Outfeed roller conveyor provided as standard

Two independent heating rooms

TECHNICAL DATA

Electrical power supply
TUNNEL 50 TWIN V 200/208/220/380
TUNNEL 50 TWIN INOX V 200/208/380

Phase ph 3

Maximum power kW 13.2

Maximum product dimensions mm 400 x 190 x L. *(The lenght depends on shape of product, belt speed, type of film, ...)*

Machine dimensions mm 2130 x 800 x h.1460

Machine weight (net/gross) kg 260/318

Tunnel infeed dimensions mm 450 x 210

TUNNEL 50 TWIN INOX

TUNNEL 50 TWIN GT

INNOVATION OPTIMIZES THE PROCESS

The **TUNNEL 50 TWIN GT** has been designed to be perfectly integrated with the Pratika automatic packaging machines. Thanks to the electrical and electronic components of Schneider Electric it is finally possible to check any aspect of retraction. Connecting the tunnel to a Pratika automatic packaging machine it will be possible to have all the parameter checked directly from the touch screen of the machine.

The double heating room with separated regolation, fans speed and temperature control, the exceptional termic insulation, the high passage and retraction speed, make this Tunnel the ideal machine to solve every packaging need with great effectiveness. The new plastic conveyor belt, ideal for high temperature, guarentees more stability to products and less wear.

TECHNICAL FEATURES

New control logic managed by PLC TM221 Schneider Electric with 9 customizable programs, 256 if connected to Pratika packaging machine

4.3-inch colour touchscreen console

Product conveyor

Adjustable double air baffles

Auto-off program

Outfeed roller conveyor provided as standard

Two independent heating rooms

Internal lighting for an ideal and safe vision

Transparent glass control window (world patent) Patent

Second inverter for motor fan speed regolation

Bump on the conveyor belt manually adjustable

TECHNICAL DATA

Electrical power supply V 200/208/220/400

Phase ph 3

Maximum power kW 14.2

Maximum product dimensions mm 400x135 (with standard curtain)

Maximum product dimensions mm 400x200 (with curtain kit)

Machine dimensions mm 2170 x 910 x h.1460

Machine weight (net/gross) kg 294/352

TECHNICAL INNOVATIONS

- New control logic managed by PLC TM221 Schneider Electric with 9 customizable programs
- 4.3-inch colour touchscreen console
- Internal lighting for an ideal and safe vision
- Transparent glass control window (world patent) Patent
- Adjustable double air baffles
- Two independent heating rooms
- Conveyor belt in hi-tech plastic material
- Second inverter for motor fan speed regolation
- Bump on the conveyor belt manually adjustable

NEW

PERFECT INTERFACEABILITY

- Interface with Ethernet cable with the programs of every model of Pratika range; this allows to set up all the parameters (temperature, conveyor speed, fan speed) from the program that is showed on the packaging machine.
- Start/stop the operating cycle

TUNNEL OPTIONALS

KR250012

TUNNEL 50 TWIN GT PRODUCT RAIL KIT

Fixed to the tunnel's conveyor belt, this is the ideal solution for wrapping products that are unstable or irregular in shape.
The 2 adjustable side rails allow it to hold products with a maximum width of 430 mm.

**OPTIONAL ON THE FOLLOWING MODELS**
Tunnel 50 Twin GT
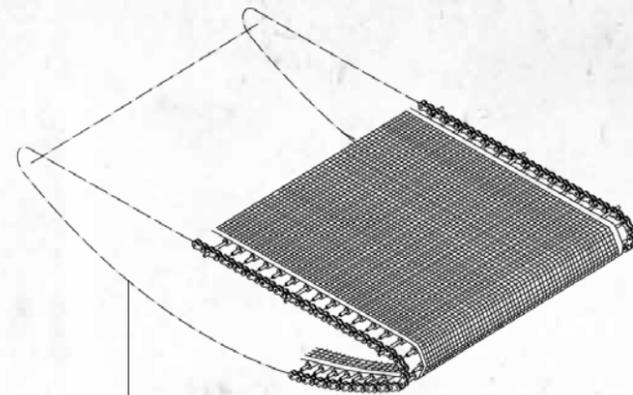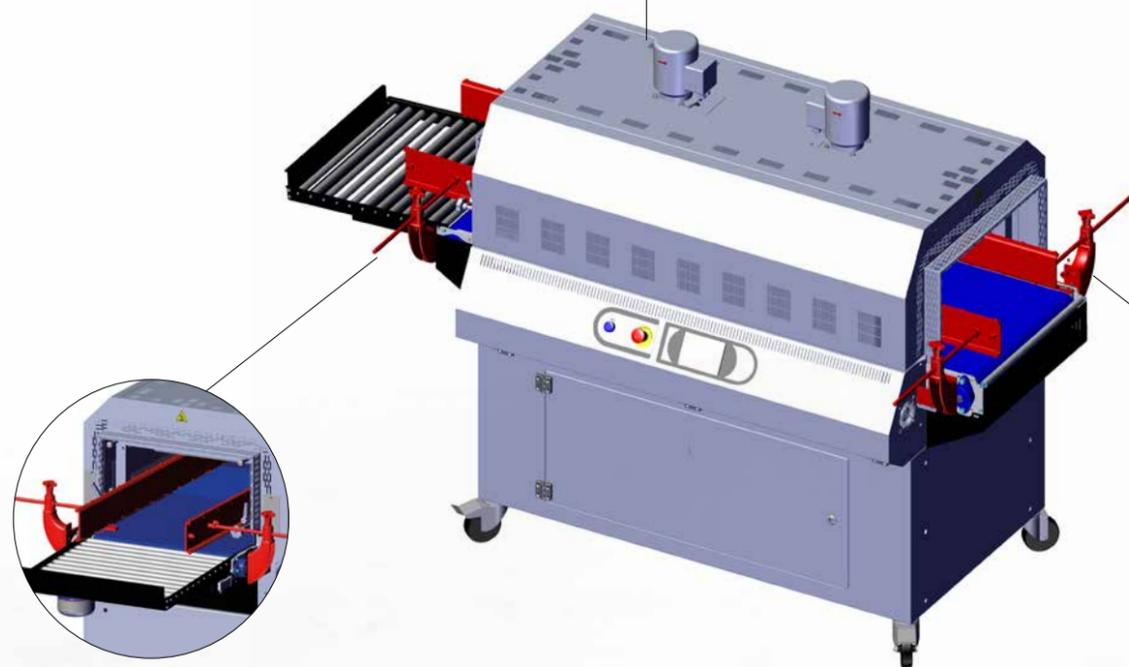
FM710010 • FM710012 • FM710015

PTFE BELT

Suitable when working with very small products that might get stuck in the film roll and for working with polyethylene material at high temperatures.

OPTIONAL ON THE FOLLOWING MODELS
FM710010 Tunnel 50
FM710012 Tunnel 70
FM710015 Tunnel 50 Twin
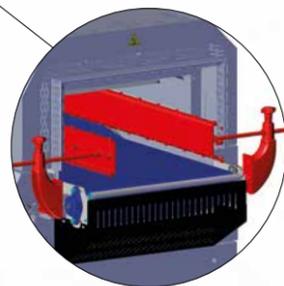
KR250009

TUNNEL 50 TWIN GT HEIGHT ADJUSTMENT KIT

Comprising 4 supports fixed to the bodywork, it allows the height of the conveyor belt to be adjusted according to the input or output machine's working surface height.

OPTIONAL ON THE FOLLOWING MODELS
Tunnel 50 Twin GT
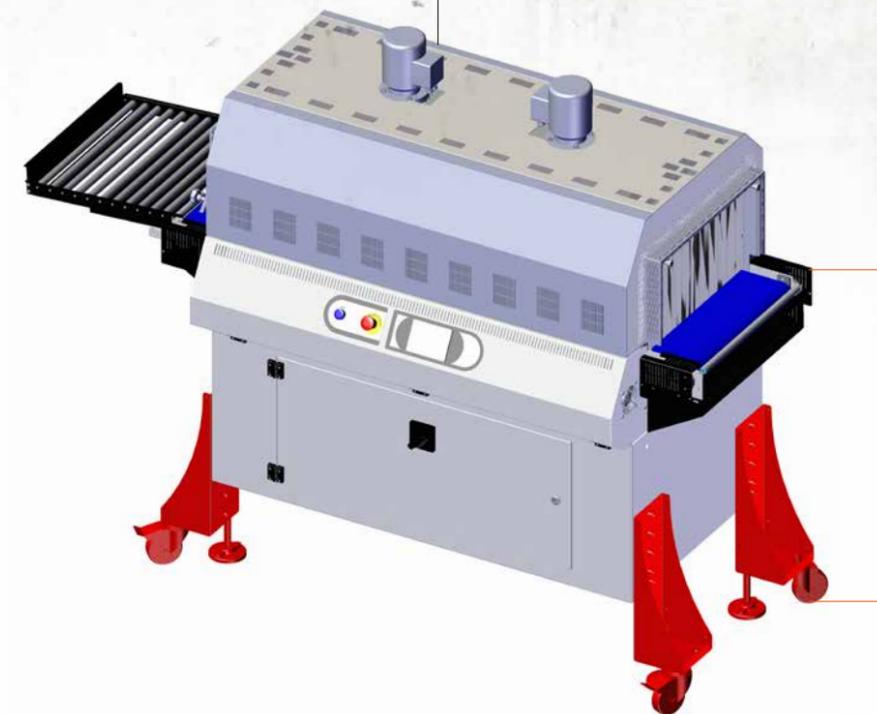
Min 770 mm
Max 1050 mm

RU140001

ROLLER TABLE 70 X 100

Unloading roller table for use where there is no automated line continuation after products leave the tunnel.

ADVANTAGES
Ideal for working with small products thanks to the number of rollers being doubled.

OPTIONAL ON THE FOLLOWING MODELS
Tunnel 70

RU020004

ROLLER TABLE 40 X 100

Unloading roller table with 15° incline. Length: 1mt.

OPTIONAL ON THE FOLLOWING MODELS
Tunnel 50 / 50 Twin

BELTS
EFFICIENCY, RELIABILITY AND HIGH PERFORMANCE

MINIPACK®-TORRE to complete its product range, offers a complete line of motorised belts that can be used and interfaced to our packaging machines, offering a precious complement to products conveyor automation.

Entirely designed by our Lab, they offer efficiency, reliability and high performance. **MINIPACK®-TORRE** motorised belts can be combined into existing production lines.

BENT BELTS

		NT230A32	NT230A33
ELECTRICAL POWER SUPPLY	V	200-240	200-240
FREQUENCY	Hz	50/60	50/60
POWER	kW	0.25	0.25
BELT SPEED	m/min	3÷33	3÷33
BELT WIDTH	mm	456	379
BELT HEIGHT	mm	850÷950	850÷950

MOTORISED BELTS 56

		NT230A23	NT230A24	NT230A25	NT230A04	NT230A05	NT230A06
ELECTRICAL POWER SUPPLY	V	200-240	200-240	200-240	200-240	200-240	200-240
FREQUENCY	Hz	50/60	50/60	50/60	50/60	50/60	50/60
POWER	kW	0.25	0.25	0.25	0.25	0.25	0.25
BELT SPEED	m/min	3÷33	3÷33	3÷33	3÷28	3÷28	3÷28
BELT WIDTH	mm	381	381	381	400	400	400
BELT LENGTH	mm	500	1000	2000	1000	2000	3000
BELT HEIGHT	mm	850÷950	850÷950	850÷950	828÷950	828÷950	828÷950
BELT FEATURES		White, with double profiles			White, for foodstuffs		

MOTORISED BELTS 80

		NT390A04	NT390A05	NT390A03
ELECTRICAL POWER SUPPLY	V	200-240	200-240	200-240
FREQUENCY	Hz	50/60	50/60	50/60
POWER	kW	0.25	0.25	0.25
BELT SPEED	m/min	3÷28	3÷28	3÷28
BELT WIDTH	mm	700	700	700
BELT LENGTH	mm	1000	2000	3000
BELT HEIGHT	mm	828÷950	828÷950	828÷950
BELT FEATURES		Blue, for foodstuffs		
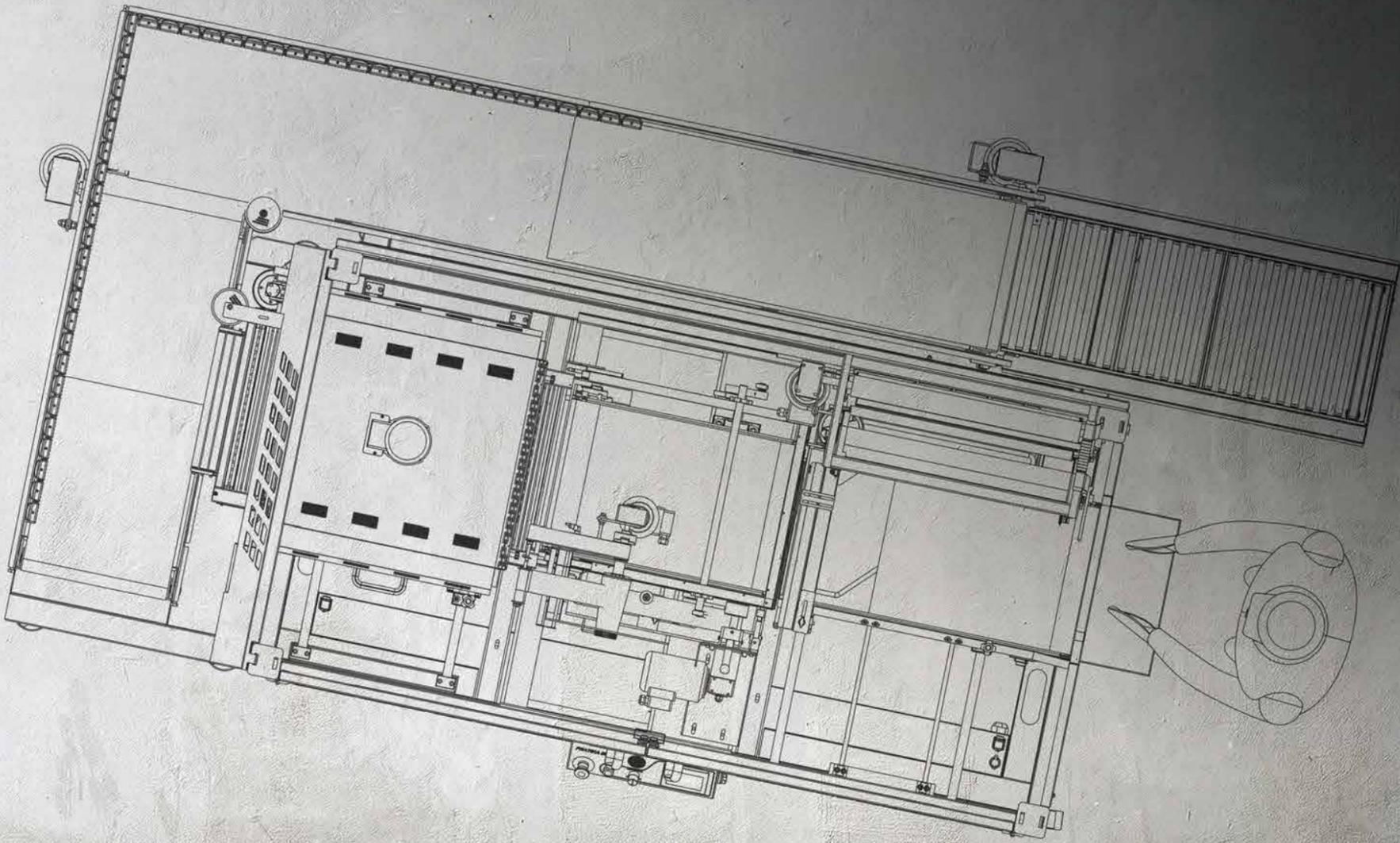
minipack®- torre
The Original Pioneers

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