PRATIKA 55 SMART T50



Automatic packaging machine – L-sealing – Integrated tunnel

The **PRATIKA 55 SMART T50** is an automatic shrink-wrapping machine that stands out for its high-performance tunnel, designed to significantly increase production capacity.

This tunnel, fully adjustable via PLC, allows precise and customised control of the packaging process.

The machine is compact and optimised to deliver high performance, combining advanced technology and ease of use.

TECHNICAL FEATURES

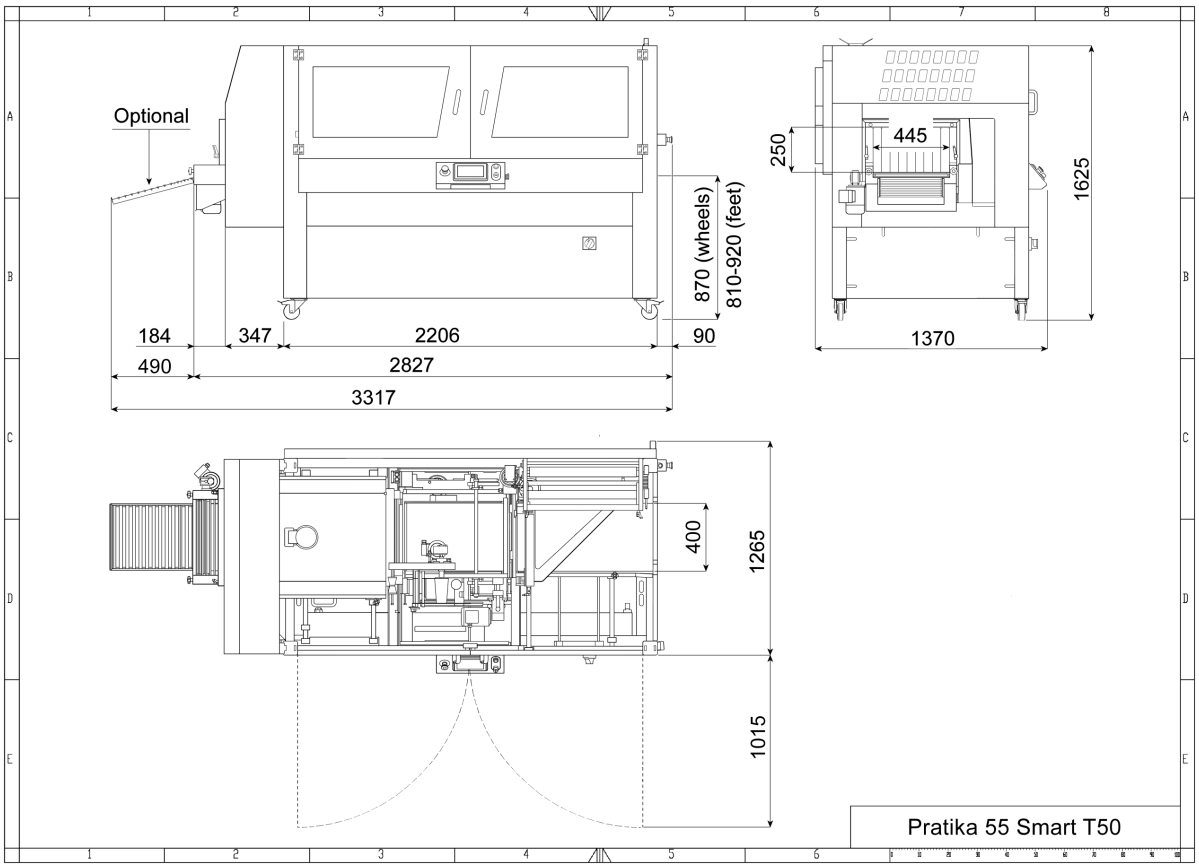
- Brushless sealing bar servomotor
- Electrically servo-assisted feed, not pneumatic
- Colour touch-screen control panel
- Compact (3.3 m²)
- Standard conveyor approach system
- Standard vertical photocell for product reading
- Single-chamber shrink tunnel 450x920x240 (WxDxH)
- Higher productivity.

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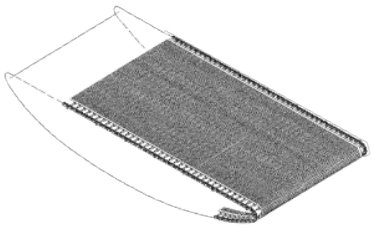
Technical data

Power supply	400V 50/60Hz 3Ph 220V 50/60Hz 3Ph
Maximum installed power	9 kW (400V) 8,5 kW (220V)
Maximum electrical absorption	15 A (400V) 22 A (220V)
Hourly production (variable depending on the type of film and the size of the product)	0-1200 p/h
Maximum roll dimensions	Ø250x600 mm
Mass dimensions of the product (the measurement of mass cannot be ottenute contemporaneously)	400x120x420 mm
Conveyor belt height	870 mm (wheels); 810÷920 mm (feet)
Machine dimensions (doors open)	2827x2280x1625 mm
Machine dimensions (doors closed)	2827x1370x1625 mm
Machine weight (net/gross)	835/985 kg

Layout and technical data sheets



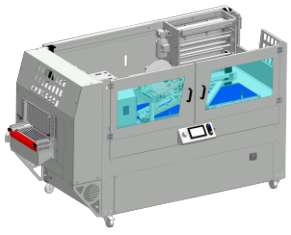
Optional



PTFE belt Pratika 55 Smart T50

FM710017

This optional is designed for users working with particularly small products that could get caught in the rollers, and for users working with polyethylene material at high temperatures.



Roller for small products Pratika 55 Smart T50

KR090030 (PR.55 SMART T50)

This optional device helps small sized products exit the tunnel.



Powermeter kit Pratika 56 MPE X1 / MPE X2 / MPS X2 / Dinamika / Pratika 55 Smart Plus / Smart T50 (con PLC Elco)

KR230316-1

This optional is an energy meter installed inside the machine's electrical cabinet, ideal for instantly monitoring current (A), voltage (V) and energy (kW) consumption. The meter has menu keys to access the settings/information required for use and a display panel showing the measurements. Current (A), voltage (V) and energy (kW)

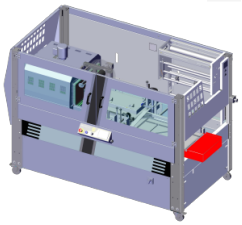
measurements can also be viewed from the machine operator panel (display).



Box for remote support

KR230342

Optional device for remote assistance of electronic equipment, allowing remote diagnostics by connecting to the Service Centre in Dalmine (Italy). The purchase of the 3G UMTS dongle is recommended for correct operation.



Stainless steel loading shelf kit Pratika 55 Smart

KR400053

It facilitates product insertion into the machine by creating a support surface outside the packaging machine.



Foot pedal kit Pratika 56 MPE X1/X2 - Pratika 56/80-T MPS - Pratika 55 Smart

KR400059

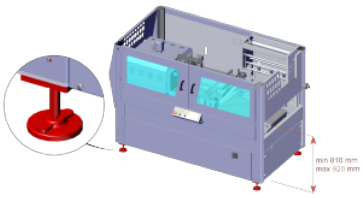
The foot switch is particularly used on machines where the production process requires the operator to use both hands. The pedal allows the operator to START and STOP the machine with their foot, without assistance from other people.



Wireless push-button panel Pratika 55 Smart

KR400060

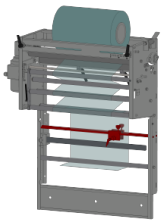
This wireless push-button panel can be used to start and stop the machine remotely up to 25 metres away.



Height-adjustment feet kit (810-920 mm) Pratika 55 Smart

KR400061

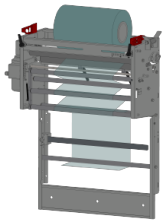
This optional, consisting of 4 feet fixed to the body, allows the conveyor height to be adjusted from a minimum of 810 mm to a maximum of 920 mm. Note: the conveyor height in standard configuration (with wheels) is 870 mm.



“Film end” photocell kit Pratika 55 Smart

KR400065

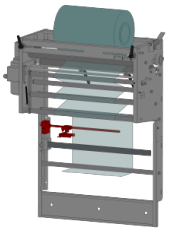
This optional is equipped with a photocell that detects interruption of film passage. The Touch Screen displays the alarm indicating that the film reel is empty. If the Pratika packaging machine equipped with this device is interfaced with other machines upstream of the line, it can stop the arrival of products to be packaged until the reel has been changed.



“Reel end warning” photocell kit Pratika 55 Smart

KR400066

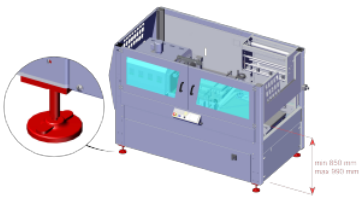
This optional, consisting of a photocell + reflector, warns via an alarm on the Touch Screen when the film reel is running out. This optional is very useful for optimising reel changeover times: between the Touch Screen warning and the actual end of the film, the operator has time to retrieve the new reel.



Photocell kit for printed film Pratika 55 Smart

KR400071

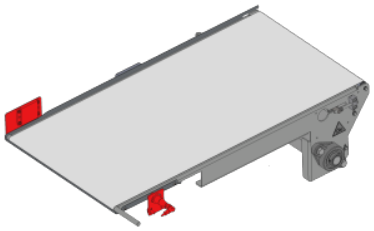
This optional consists of a special photocell that reads printed marks on the film. It is required for users working with printed film who need to position the print in a precise position on the packaged product.



Height-adjustment feet kit (850-990 mm) Pratika 55 Smart

KR400074

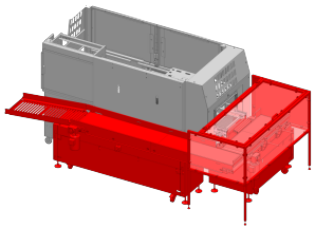
This optional, consisting of 4 feet fixed to the body, allows the conveyor height to be adjusted from a minimum of 850 mm to a maximum of 990 mm. Note: the conveyor height in standard configuration (with wheels) is 870 mm.



Photocell kit for transparent products Pratika 55 Smart

KR400080

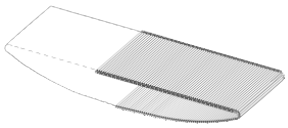
This optional, consisting of a photocell and reflector, can also read the passage of semi-transparent products thanks to its wider beam.



“Come Back” conveyor kit with protection Pratika 55 Smart T50

KR400110

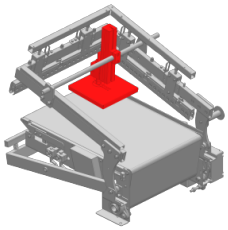
This patented system of belts, installed on Pratika 55 Smart T50, allows the packaged product coming out of the tunnel to go back to the operator. At the tunnel exit, there is a protection that ensures safety for the operator. It is the only system in the world whereby an automatic shrink-wrap packaging machine can be used by a single operator, guaranteeing the company great savings.



Double-roller conveyor belt kit Pratika 55 Smart T50

KR400111

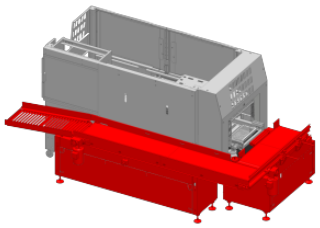
Compared with the standard version, this conveyor belt features twice the number of rollers, reducing the gap between adjacent rollers. This configuration improves the handling of small products, preventing them from becoming trapped or falling between the rollers. The result is smoother product flow, greater product stability and improved continuity throughout the packaging process.



Product presser kit Pratika 55 Smart T50

KR400112

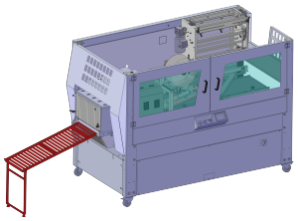
This optional kit, applied to the sealing frame, limits the amount of air remaining inside the bag after sealing. The 200x200 mm rubber foam-coated supporting presser ledge presses on the package just before sealing, letting air out of the bag. This optional kit is particularly recommended when it is only necessary to process a bag without shrink-wrapping and when packaging very light and delicate products during shrink-wrapping.



“Come Back” conveyor kit Pratika 55 Smart T50

KR400113

This patented system of belts, installed on Pratika 55 Smart T50, allows the packaged product coming out of the tunnel to go back to the operator. It is the only system in the world whereby an automatic shrink-wrap packaging machine can be used by a single operator, guaranteeing the company great savings.

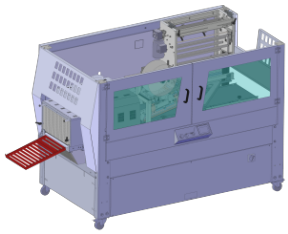


Roller conveyor 40X100 Pratika 55 Smart

RU020004

This 1 m long roller conveyor, consisting of idle rollers, helps products exit the tunnel. The two support feet allow the inclination to be adjusted.

Customizations



KR020044

This 0.5 m long roller conveyor, consisting of idle rollers, helps products exit the tunnel.



KR230216

This device (optional), installed inside the electrical cabinet, allows remote assistance to be performed on all electronic equipment (PLC, HMI, inverters, drives) installed on your machine. By connecting your internet

	network to the machine, the device will provide diagnostics through a direct connection with the “Service Centre” at the Dalmine site (Italy), which will then be able to carry out the necessary operations. For correct operation of this optional, the purchase of the 3G UMTS dongle is also recommended.