

PBC-6000™ - Closing device for “Pinch” bags

The new Fischbein PBC-6000 closing device for "Pinch" bags is a top of the range system that closes a large range of pre-glued paper bags of the multi-layers “pinch” type rapidly and efficiently with a greater reliability than that of competing models. The watertight closure obtained with the PBC-6000 makes this machine the ideal solution for food products, mixtures intended for baker’s shops, dry chemical products, fertilizers, pesticides and petfood.

Benefiting from 15 years of experience in closures for “Pinch” bag, the PBC-6000 has been fitted with a high-speed direct drive system that requires no maintenance and enables bags to be processed more quickly on automated lines. To satisfy specific client needs, it is possible to work with speeds up to 26 m/min (depending on the structure of the bag) and widths of glued flaps up to 5.70 cm.

The PBC-6000’s new hot air distribution manifold incorporates double fin elements directing a much improved flow of hot air onto the bag, which enables the user to go faster while consuming less energy. The system’s mobile chassis, adjustable in height, and the "breakaway" design patented by Fischbein make maintenance fast and safe. Among the other innovative characteristics, we draw your attention to the safe and user-friendly low voltage control console, the airflow sensor and the emergency stop sensor that prevents the system from overheating if the temperature becomes too high. Fischbein designed the PBC-6000 focussing specially on the needs of its clients. The machine has been fitted with a non-adhesive folder, resistant to wear, which makes sure the bag closes gradually. The advanced characteristics of the PBC-6000 result in bag closures with unsurpassed reliability on which you can rely on at all times.

The compact structure, the reliability and the low cost of use make the PBC-6000 an element of great value for all semi or fully automated packaging lines. Fischbein Company and its new PBC-6000 closing device for “Pinch” bags offer you the very best in bag closures.

Fischbein has designed a direct drive system requiring no maintenance that increases your production on automated lines. The system includes an adjustable compression belt redesigned to close your bags even more easily and reliably.

The new PBC-6000 is fitted with a user-friendly control console and a sensor that prevents any overheating of the system.

The drive, 20 cm or optionally 43 cm in length, and its system of low profile belt tensioning enable handling to be automated.

A longer thermal collector heating the pre-applied glue in a uniform manner and a long folding blade ensure excellent closure under all conditions.

The "breakaway" design patented by Fischbein eliminates the costly pause time caused by the bags becoming jammed and facilitates cleaning and maintenance of the hot air manifold and the bag folding device.

TECHNICAL CHARACTERISTICS

DIMENSIONS

Length: 1854 mm

Depth: 889 mm

Height of closure: closure line between minimum 660mm and maximum 1520mm

Weight: 322 kg

STANDARD ELECTRICAL FITTINGS

Power supply: 400 V, 3 phases, 50 Hz + neutral

Current at maximum load: 19 A

RANGE OF SIZES OF BAGS (EMPTY)

Width: 304 mm – 508 mm

Length: 1,422 mm at maximum

Gussets of any size, including flat bags

Minimum free height: 152 mm

Weight of filled bag: 9 kg – 50 kg

PNEUMATIC AIR SUPPLY

Air source: 5 - 7 bars, 280 – 420l/min

MAXIMUM SPEED OF CLOSURE

Speed: variable up to 26 m/min (faster speeds available)



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