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PRIMA K7 FOOD

Thermoforming machine for packing
food products



Food

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MAIN CHARACTERISTICS

The Farmo Res Prima K7 FOOD is an automatic forming machine operated by PLC with transfer on one lane for packing food products such as jams, cream cheeses, dressing etc.

BALCONY CONSTRUCTED FRAME

The frame is completely constructed in anodised aluminium, tops, passage runningboards and nuts and bolts are totally in stainless steel also. The balcony constructed frame allows maximum access for cleaning all the packaging areas, the sheath and tubing passages between the different areas are all in the lower part of the frame (under the running boards), these are accessible for any extra maintenance and additional space is available for other groups or accessories which may be added, easy access to the valves, electrical junction boxes, water collecting trays are positioned in the back of the frame with easy access through the electrical panel openings, which are assembled on hinges, the panels are fixed with RITTAL type locks with strict separation between driving elements and function groups, greases or oils used for lubrication must be FDA certified.

VERSATILITY AND PRODUCTION PERFORMANCE

All the main movement groups are operated by brushless motors. > The use of brushless motors for the main movements of each functional group allows high performance position accuracy, easy speed and acceleration control with quick step regulation. **All the motors are connected with a Profibus system.** > Allowing parameter adjustment from display in machine cycle mode. **50 mm ports are present on both sides of the main groups during machine stop.** > Allowing further distance from heating elements and easier size part changeover. **Brushless motors allow plate opening adjustment.** > According to tray depth to optimise machine cycle time. **Forming reel loading from operator side.** > Allowing a more compact forming module and easier reel change over procedures.

TECHNICAL DATA

Performance max.

35 cycles/min.
(variable according to format size)

Forming material

PVC, PET, PS and other thermforming materials

Machine top (mm)

970 - variable according to interfacing

Height from floor (mm)

100 - variable according to interfacing

Power supply

Electrical 400V - 50Hz (3p+N+PE)

Pneumatic (bar) 6

Max. forming area (mm)

Prima K7 FOOD-320 / 320 (web width) x 260 (pitch)

Prima K7 FOOD-360 / 360 (web width) x 280 (pitch)

Prima K7 FOOD-400 / 400 (web width) x 220 (pitch)

Prima K7 FOOD-500 / 500 (web width) x 220÷280 (pitch)

Max. forming depth (mm)

40

Frame

Aluminium

Reels Forming Standard:

ø max. 700 mm width 340 mm

Reels Lidding Standard:

ø max. 300 mm - width 330 mm

Lidding reel core inner diameter 70÷76mm

Working Environment

Temperature Min. 15°C - Max. 30°C

Relative Humidity Min. 30% - Max. 70%

Details

_1 Food Tubs: jam, cheese and dressing.

