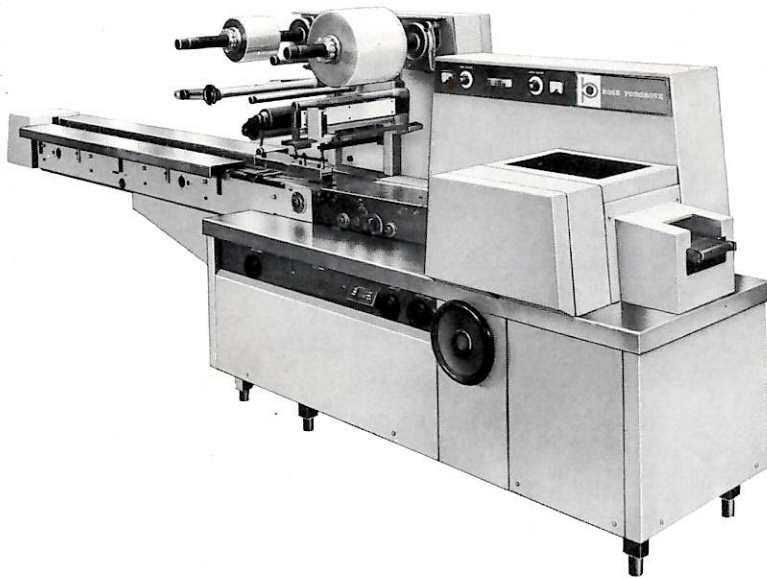


# Rose Forgrove

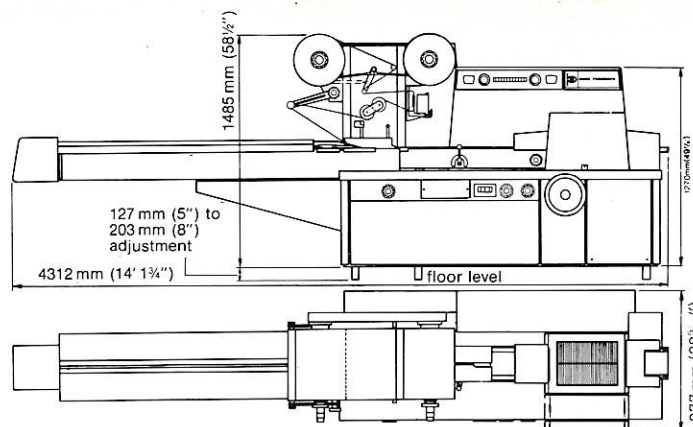
## 84 GE

# Flowpak





# Rose Forgrove 84 GE 'Flowpak' wrapping machine



Approximate nett weight: 1092 kg (2408 lb)

The 'Flowpak' 84 GE is a versatile, continuous-motion horizontal wrapping machine. It produces the popular pillow-type pack ideally suitable for the wrapping of a wide range of products, particularly bakery, biscuit and confectionery lines.

Included in the machine's specifications are: variable control of paper feed cut-off and print register; infeed lug timing whilst the machine is running; P.E.C. registration with progressive advance control

by surge button; multi-roller material propelling unit and twin material reels with run-out trip. Crimpers and long seam unit are of stainless steel to allow a wide choice of wrapping materials.

Rose Forgrove's long history of development of 'Flowpak' wrapping machines to suit the needs of its customers, results in the high standards of maintenance, cleanliness and ease of adjustment offered by this machine.

## Style of wrap

A pillow-type pack with fin-sealed longitudinal and end seams. The longitudinal seam is on the base of the pack.

## Wrapping materials

Cellulose film, heat-sealable lacquered materials, coated polypropylene co-extrusions and plastics laminated to either paper, film or foil. Cold sealing materials can be also be used.  
Core diameter: 76 mm (3 in)  
Maximum reel diameter: 330 mm (13 in)

## Sequence of operations

The products are placed into the continuous lug infeed which pushes them over a stainless steel deadplate to the folding box. The wrapping material is formed into a tube inside the folding box and the edges are fin-sealed together, the products being pushed into this tube by the advancing infeed lugs. Rotating crimpers seal the tube between the products, and separate the packs with integrally mounted knives. Discharge is by a horizontal bottom belt.

## Product size limits

Maximum product sizes:  
Length: 419 mm (16 1/2 in) approximately  
Width: 203 mm (8 in)  
Height: 76 mm (3 in) using 120 mm (4 3/4 in) crimp centres  
Special height: 108 mm (4 1/4 in) using 152 mm (6 in) crimp centres  
The normal maximum reel width is 457 mm (18 in) although reel widths up to 559 mm (22 in) can be considered on special machines. The cut-off length is variable between 76 and 457 mm (3 in and 18 in). Maximum dimensions are not possible in combination.

*Photograph overleaf shows packs wrapped on Rose Forgrove 'Flowpak' machines.*

## Product size change

A simple three-dimensional change takes approximately 15 minutes; a change of length only takes approximately 5 minutes.

## Operators

When the machine is equipped with an automatic feed and discharge arrangements, one operator can supervise two or more machines. Machines with hand or assisted feed generally require two or more operators, depending on the product and machine speed.

## Machine speed

Up to 150 packs per minute, depending on the product, and wrapping material.

## Options

Counters  
Excess height product trip  
Card feeds — either pre-cut or fed from reel  
Biscuit magazines — in-line or cross-pushing  
Cross belt feed  
Two-stage cross pusher (for multi packs)  
Slatted chain (for non-slideable products)  
Serrated cut-off knife  
Magnetic brake and timer unit  
Cut and count unit  
Extended discharges  
Coding units  
Semi-automatic lubrication system  
Water-cooling tanks

## Power requirements

Motor: 750 W  
Heaters: 1500 W

Rose Forgrove packaging — part of Baker Perkins service to industry



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