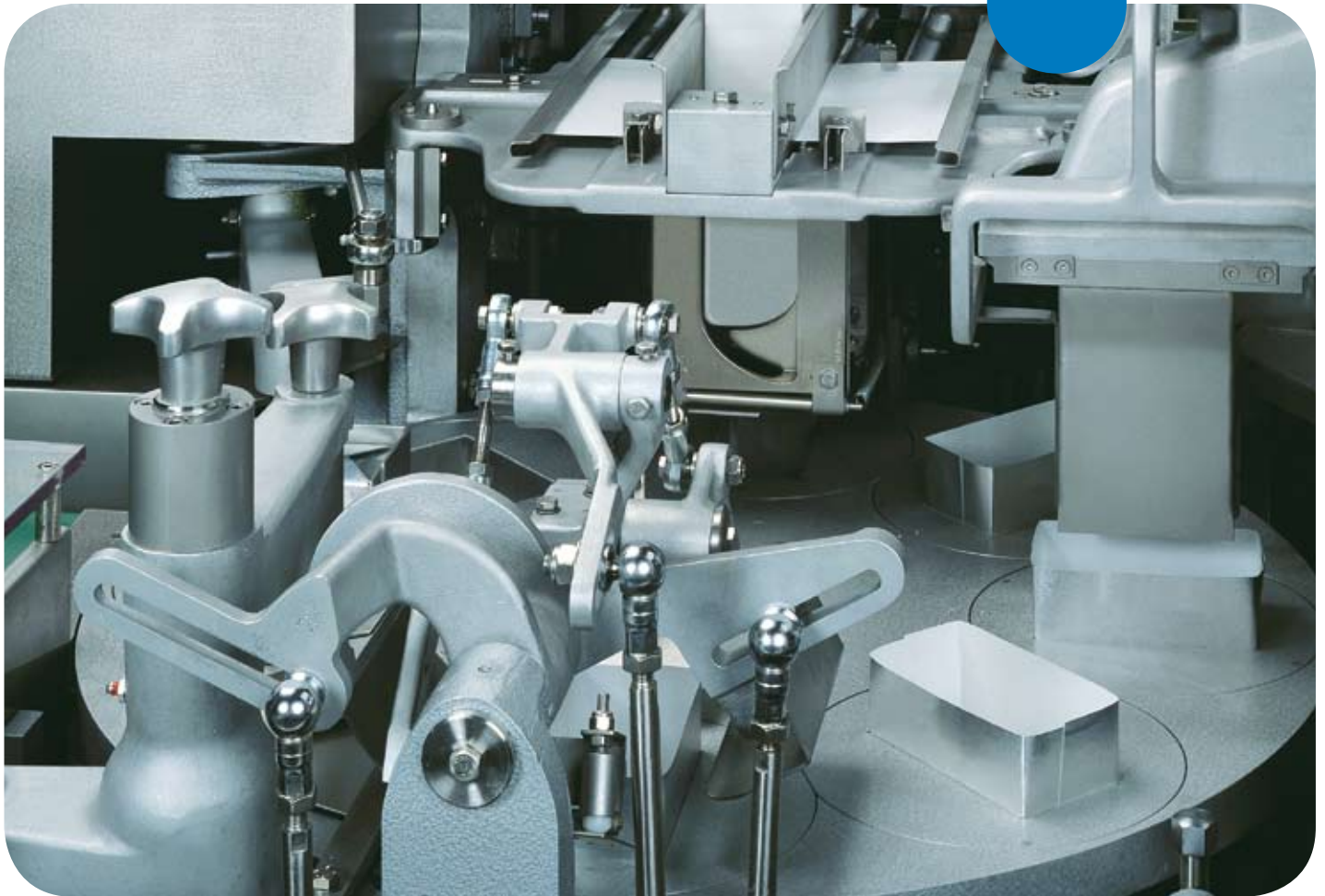


**MULTIPACK 8345 – 8345 K – 8380**

Fully automatic filling and wrapping machines, format flexible for standard and special sizes



## SHORT CHANGE-OVER TIMES FOR A VARIETY OF SIZES AND SHAPES: MULTIPACK 8345 – 8345 K – 8380

The machines of the Multipack range were specially designed for filling and wrapping pasty products such as butter, margarine, and cheese. They have similar machine bases but differ in packet size, flexibility, and output characteristics. The type 8345 packs a range of filling weights between 100 and 1000 g in various packet shapes, with an output of up to 90 packets per minute. The special execution 8345 K with integrated cartoner allows the wrapper bag to be introduced in an open folding box which is closed after filling. This option is particularly recommended for soft products (processed cheese, fresh cheese). The more compact type 8380 is limited to filling weights of 50 to 250 g which are packed at an output of up to 110 units per minute.

### Multipack 8345 – 8345 K – 8380 – all advantages at a glance

- The machines of the Multipack range are perfectly suitable for filling and wrapping pasty food products, particularly butter, margarine, fresh cheese, processed cheese, and other edible fats
- The machine types 8345 and 8380 are also designed to accurately fill products of special consistencies such as halawa, almond paste/marzipan, and chocolate paste
- The high degree of flexibility enables weight ranges of 50 g to 250 g or 100 g to 1000 g to be filled on a single machine. Several packet shapes such as bricks, rolls, discs, and oval packets can also be produced on a single machine, with minimum change-over times
- The bottom fold principle guarantees the best product protection and presentation, particularly when filling very soft products. On the length side fold execution, the packaging material consumption can be reduced by up to 15%
- All machine types offer various options for product feeding, depending on the customer's choice and on product consistency: trough with feed worms, direct feed from the process plant including signal exchange, or vertical product hopper with agitator or press worm
- In the case of vertical hopper or direct product feed we offer circulatory cleaning of all parts which come into contact with the product
- The precise, volumetric dosing guarantees highest filling accuracy. The filling nozzles are specially designed to suit the specific product characteristics and optimize the product surface profile, even for products with extreme consistencies
- In order to produce 1000 g bricks and special packet shapes, the Multipack 8345 has to be equipped with a large size wrapping material feeding system
- The 8345 K version, with cartoning of each individual packet, enables sealing of the final packet fold, whereby the cover flap of the carton is glued by hotmelt
- The Multipack machine range is characterized by extremely high reliability and a long service life, combined with ease of operation and a minimum need of space
- All movements are cam controlled, mechanically synchronized. The rotary table drive is running in an oil bath
- A central lubrication system for the drive section (optional) and an easy-opening, sound insulating protective covering, facilitate maintenance work
- Semi-automatic case packers as well as fully automatic cartoners are available for end-of-line product cartoning



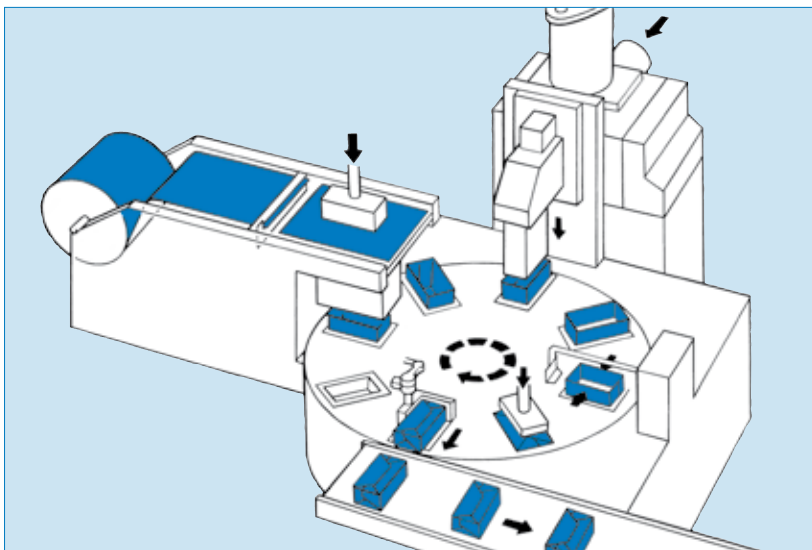
Wrapping material feed



Wrapper bag forming and rotary table



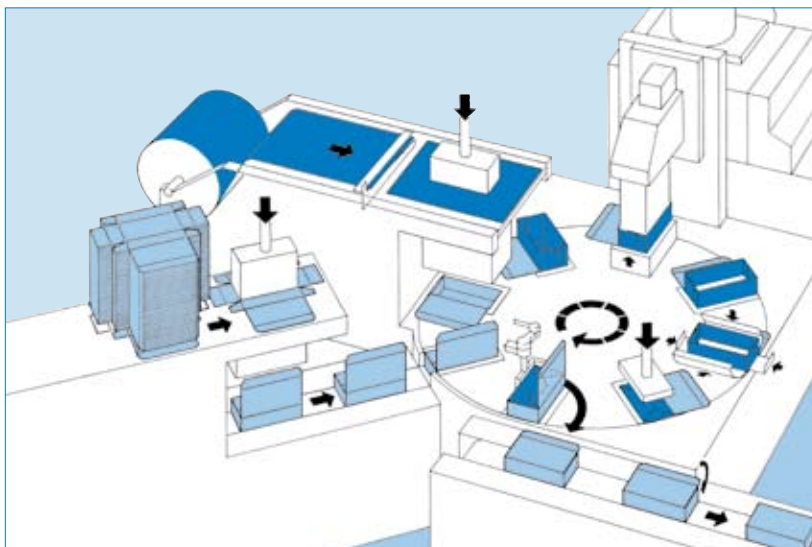
Drive of dosing station



Function principle of Multipack 8345 and 8380

### Function principle

The wrapping material is fed from the reel, cut laterally and placed into a cell in the turntable, where it forms an open wrapper bag. The pasty product, of pumpable consistency, is volumetrically dosed and filled into the wrapper bag. Finally, the packet is closed and calibrated, thus ensuring sharp edges.



Function principle of the special execution Multipack 8345 K with integrated cartoning

### Special execution 8345 K with integrated cartoning

The carton blank is withdrawn from the magazine, erected and placed into the cell at an additional station in the turntable prior to the wrapper bag forming station. Wrapper bag forming, dosing, and final folding are the same procedures as described for the standard machine. On the discharge conveyor, the cover flap of the carton is closed and glued by hotmelt.

Technical Details	8345	8345 K	8380
<b>Filling weight in g</b>	100–1000	100–400	50–250
<b>Nominal output</b> up to... packets/min.	90 (60 in case of 1000 g)	60	110
up to... kg/h	3.600	1.440	1.650
<b>Packet dimensions in mm</b>		(carton dimensions)	
length	60–190	81–128	40–130
width	30–105	50–72	20–86
height	15–83	29–54,5	15–75
roll	ø 32–85	–	ø 56–110
<b>Packaging material</b>	parchment, aluminium-laminated foil, coated papers or new compounds of suitable quality		
Cartoning	–	•	–
<b>Folding</b>			
bottom fold	•	•	•
length side fold	•	–	•
<b>Packet shape</b>			
brick	•	•	•
cube	•	–	•
stick	•	–	•
roll	•	–	•
oval	•	–	–
round disc	•	–	–
brick with outer carton	–	•	–
<b>Product feed</b>			
direct feed	•	•	•
trough with feed worms	•	•	•
vertical hopper	•	•	•
<b>Fill product</b>			
butter	•	•	•
margarine, edible fats	•	•	•
almond paste/marzipan, halawa	•	•	•

Technical Details	8345	8345 K	8380
<b>Fill product</b>			
processed cheese	•	•	•
fresh cheese	•	•	•
<b>Size flexibility</b>	•	packet height adjustment only	•
<b>Wrapper registration</b>			
photo-electric (for wrapper with printed scanning marks)	•	•	•
mechanic (for wrapper with punch holes)	•	–	•
<b>Date coding</b>			
pin perforator	•	•	•
thermoprinter	•	•	•
ink printer or inkjet	•	•	•
cold embossing for the carton box	–	•	–
<b>Machine control</b>	traditional contactor control, as optional Siemens PLC S7-300 with text display / touch screen		
<b>Equipment</b>			
frequency-controlled main drive	•	•	•
aux. motor for weight adjustment	optional	•	optional
central lubrication	optional	optional	•
laminar airflow cabinet	optional	optional	optional
lifting cells	optional	optional	optional
<b>Machine dimensions (with direct product feed, without discharge conveyor)</b>			
length in mm	2400	2900	2000
width in mm	1900	2200	1600
height in mm	max. 2400	max. 2700	max. 2100
weight in kg	2300	3800	1800



Multipack 8345



### OYSTAR Benhil delivery program

- Fully automatic filling and wrapping machines
- Fully automatic tub filling and closing machines
- Cartoners and case packers
- Reconditioned machines
- Auxiliary dairy equipment (Microfix)



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