

MULTIPACK 8304 – 8358

Fully automatic filling and wrapping machines for miniportions, with integrated collating and stacking or cartoning machine



MAXIMUM OUTPUT FOR MINI-PORTIONS: MULTIPACK 8304 AND 8358

The machine types Multipack 8304 and Multipack 8358 are technologically proven high speed filling and wrapping machines for miniportions with a dosing range of 6–50 g. The miniportions are mostly used by hotels, restaurants, and airlines.

The Multipack 8304 is a solid, single cell rotary machine with an output of up to 180 portions per minute which perfectly works in line with the collating and stacking machine type 8534. This semi-automatic case packer is driven and controlled by the upstream Multipack 8304. The twin machine, also rotary, type Multipack 8358, is equipped for a considerably higher speed: up to 500 portions per minute. Due to different half-turn dosing options and possibilities to combine with various fully automatic and semi-automatic case packers, this machine is suitable for a variety of products and markets. Both machines were designed for filling and wrapping pasty products as butter, margarine, soup pastes, fruit pastes, fresh cheese and fresh yeast in miniportions.

Several options of product feed are available, either by product hopper, by trough with feed worms, or directly connected to the process plant. The portions are filled in preformed, top open wrapper bags, guaranteeing air-free filling, and closed according to the bottom fold principle. This technique provides optimum product protection and presentation, particularly for soft products and those with a low fat percentage. A packet height adjustment can be effected in a few minutes. According to market requirements, various types of end-of-line equipment can be integrated into the line.



**Multipack 8358
with Cartomat 8554**



Multipack 8304 with type 8534



Packaging material feeding

The following case packers are suitable for working in line with type Multipack 8358 and for final cartoning of the miniportions in commercial units: the semi-automatic collating and stacking machine type 8535 or a fully automatic cartoner of the Cartomat range. The final choice is depending on the size of the display carton or the case and on the respective output.

Semi-automatic collating and stacking machine type 8535

Type of packaging	Collating and stacking machine – manual application of folded carton boxes onto the automatically collated block of portions, manual carton closing
Type of carton	Tubular cartons or folded boxes
Configurations	50–400 portions (5 x 5 in 2 layers up to 8 x 5 in 10 layers)
Nominal output	Up to 6 cartons/min.
Drive	Driven by upstream type 8358
Carton closing	Manual, with splicing tape
Special equipment	Carton turning device, automatic carton gluing machine

Cartomat type 8550/8554

Type of packaging	Fully automatic wrap-around cartoner with carton closing by cold glue or hotmelt
Type of carton	Flat carton blanks
Configurations	2–24 portions (2 x 1 in 1 layer up to 8 x 2 in 1 layer, or 4 x 3 in 2 layers)
Nominal output	Up to 250 cartons/min.
Drive	Driven by upstream type 8358 (in combination with type 8304 with individual drive)
Coding	Embossing, ink printing
Carton closing	Inserted flaps
Special equipment	Tamper evident closure

Cartomat type 8562/8563

Type of packaging	Fully automatic wrap-around cartoner with carton closing by hotmelt
Type of carton	Flat carton blanks
Configurations	2–24 portions (2 x 1 in 1 layer up to 6 x 2 in 2 layers)
Nominal output	Up to 100 cartons/min.
Drive	With individual drive
Coding	Embossing, ink printing
Carton closing	Inserted flaps or gluing all around
Note	Especially for bigger portions (20 g or more), or as final cartoning for bigger units, to be combined with upstream Cartomat 8554

Semi-automatic collating and stacking machine type 8534

Type of packaging	Collating and stacking machine - manual application of folded carton boxes onto the automatically collated block of portions, manual carton closing
Type of carton	Tubular cartons or folded boxes
Configurations	12–400 portions (3 x 4 in 1 layer, or 2 x 5 in 2 layers, up to 5 x 10 in 8 layers)
Nominal output	Up to 4 cartons/min.
Drive	Driven by upstream type 8304
Note	The fully automatic cartoner type Cartomat 8550 can be connected instead of the semi-automatic collating and stacking machine type 8534



For an output up to 180 portions per minute OYSTAR Benhil offers the fully automatic filling and wrapping machine Multipack 8304 with integrated, semi-automatic case packer type 8534.



Rotary table



Folding



Collating and stacking machine type 8535



Cartomat type 8554

Technical Details	8358	8304
Function principle	Rotary machine (double cell)	Rotary machine (single cell)
Dosing range (g)	6–30 (50)	6–50
Nominal output (p/min) (adjustable)	150 up to 500	80 up to 180
Portion dimensions (mm)		
length	20–40 (60)	20–60
width	20–40	20–40
height	6–28 (30)	10–30
Wrapping material		
parchment	•	•
aluminium laminated foil	•	•
special execution PE foil	•	–
wrapping material reel Ø	up to 700mm	up to 500mm
Type of fold	bottom fold	bottom fold
Product feed		
direct feed	•	•
trough with feed worms	•	•
vertical hopper	•	•
Dosing		
volumetric dosing	half-turn	single-turn
filling nozzles adjusted to fill product	•	•
lifting cells	•	•
weight adjustment by electric motor	•	optional
Fill product		
butter	•	•
margarine	•	•
fruit pastes	•	•
fresh cheese	•	•
fresh yeast	•	•
soup paste	•	•

Technical Details	8358	8304
Wrapper registration	without/photoelectric	without/photoelectric/punch hole
Date coding		
cold embossing	•	•
inkjet	•	•
pin perforation	•	•
thermoprinting	–	•
second reel carrier	•	–
Machine control	PLC Siemens S7-300 with touch screen MP277	contactor control or PLC Siemens S7-300 with touch screen TP177
Special equipment		
servo-driven wrapping	•	–
material advance system	•	–
adhesive tape detection	•	–
laminar airflow cabinet	•	•
Energy consumption		
standard electric data	3 x 400 V, N, PE, 50 Hz	3 x 400 V, N, PE, 50 Hz
power connection	10–15 kVA	3–7 kVA
compressed air	6 bar, 20 Nm ³ /h	6 bar
vacuum	40 m ³ /h	40 m ³ /h
(only for cartoner e.g. type 8554)		
Cartoning options		
type 8534	–	•
type 8535	•	–
Cartomat 8550	•	•
Cartomat 8554	•	•
Cartomat 8563	•	–

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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