

MULTIPACK 7000

HIGH SPEED DOSING AND WRAPPING MACHINE FOR BUTTER AND MARGARINE



MULTIPACK 7000 HIGH SPEED DOSING AND WRAPPING

MULTIPACK 7000: HIGH-SPEED, TOP-VALUE MACHINE

With an output of up to 200 packets per minute and a filling weight and size range of 50 to 250 g, the new double-cell Multipack 7000 completes the output range for the Multipack series and further expands our equipment portfolio. Bridging the gap between the medium and high-speed range, the Multipack 7000 combines performance and efficiency to provide a valid solution at an affordable price.

The combination between size flexibility, within the mentioned dosing range, and the high speed that can be achieved by the machine guarantees excellent performance and perfectly shaped packets.



MACHINE FOR BUTTER AND MARGARINE



THE MULTIPACK 7000 IS OUTSTANDING FOR ITS MODERN, ATTRACTIVE DESIGN, FOR THE INTEGRATED CIP CLEANABLE DOSING SYSTEM WHICH FULFILLS INDUSTRY-STANDARD HYGIENIC REQUIREMENTS, AND THE INTELLIGENT CONTROL TECHNOLOGY.

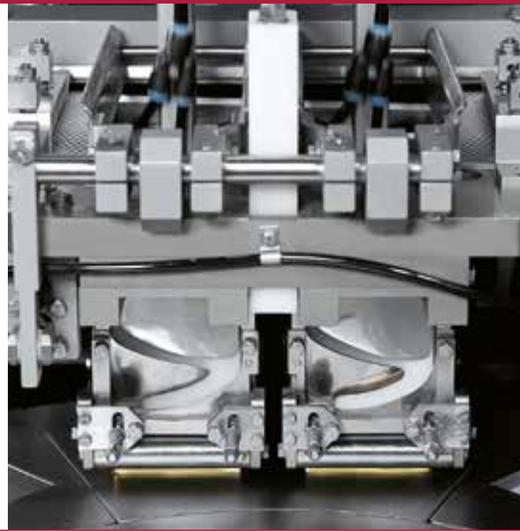
As all the other Benhil filling and wrapping machines, the Multipack 7000 boasts exceptional filling accuracy ($s = 0.3 \text{ g}$ for $Q_n < 250 \text{ g}$), extremely high reliability, and state-of-the-art technology.



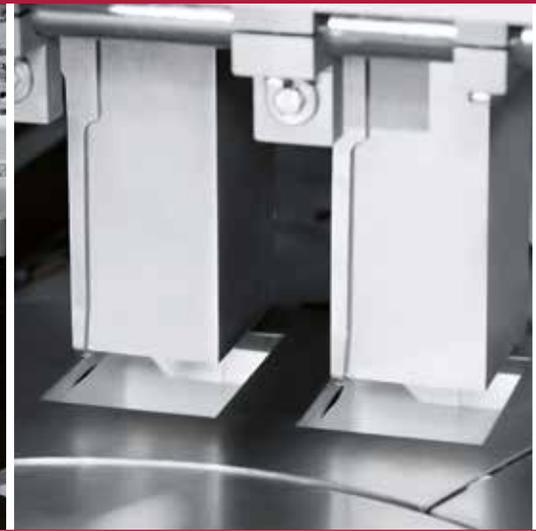
MULTIPACK 7000 HIGH SPEED DOSING AND WRAPPING



Advanced wrapping system



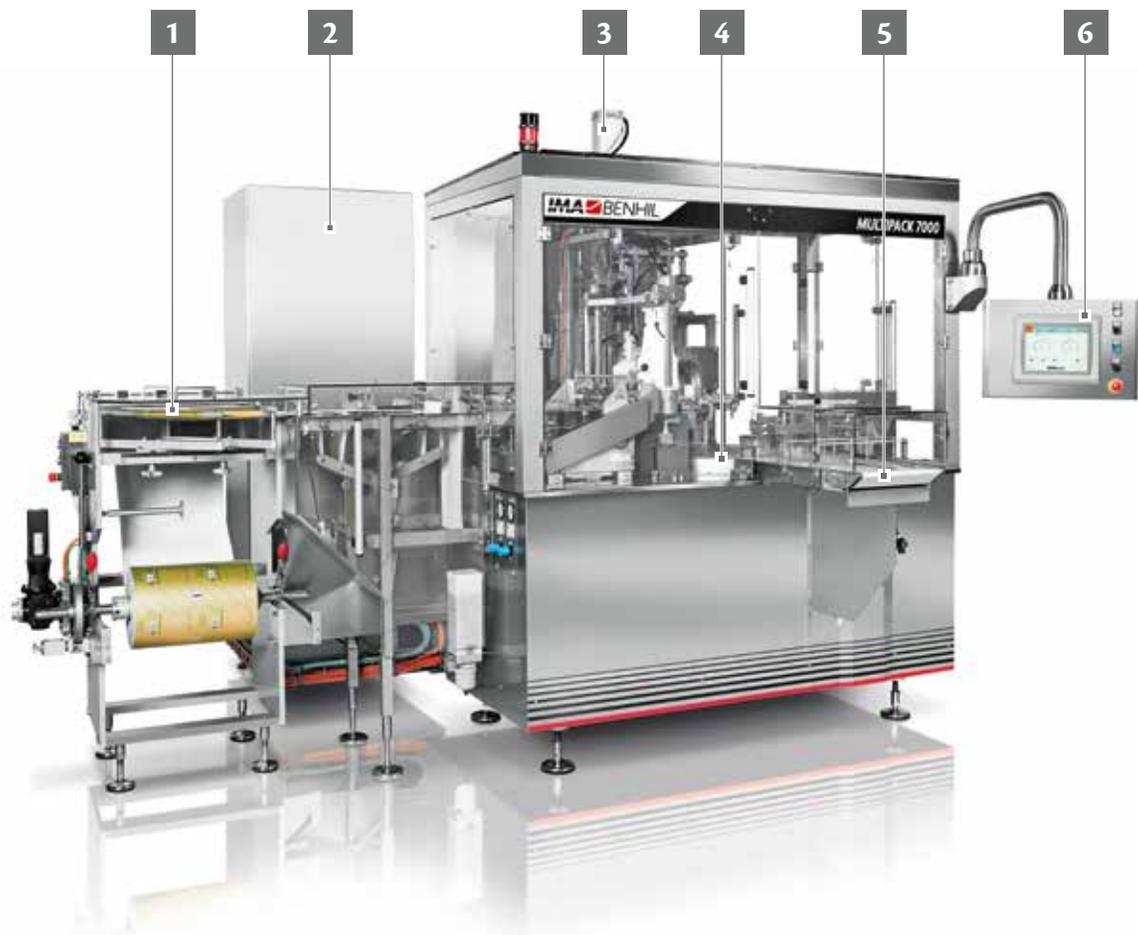
Folding boxes



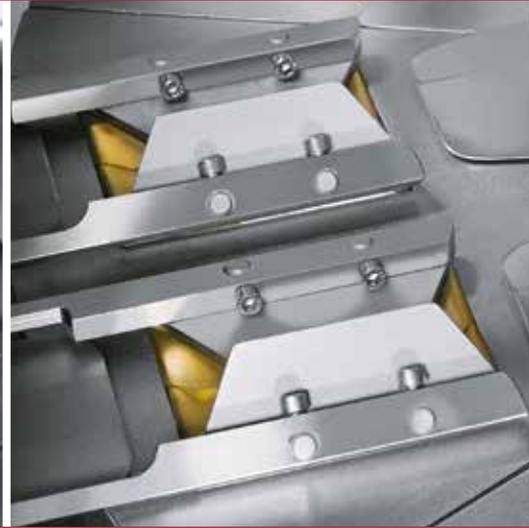
Dosing unit

OVERVIEW

1. SERVO-DRIVEN WRAPPER FEEDING SYSTEM
2. CONTROL CABINET
3. PRODUCT FEED
4. ROTARY TABLE
5. PACKET OUTFEED
6. HMI



MACHINE FOR BUTTER AND MARGARINE



Folding unit



Calibration unit



Discharge unit

MULTIPACK 7000 A WEALTH OF BENEFITS

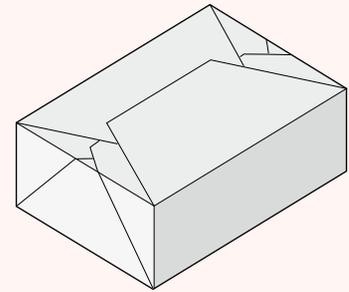
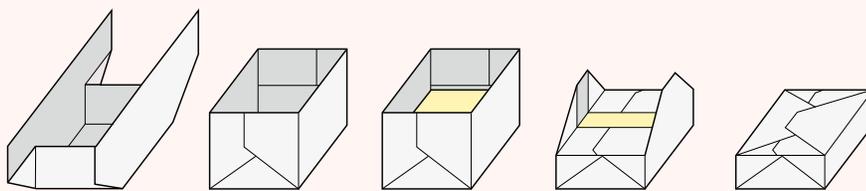
- THE MACHINE IS COMPLETELY FLEXIBLE IN TERMS OF PACKET SIZES, BOTH FOR PACKET HEIGHT VARIATION, AND FOR DIFFERENT FOOTPRINTS
- HEIGHT ADJUSTMENT PROCEDURES REQUIRE NO MORE THAN 10 MINUTES AND CAN BE IMPLEMENTED WITHOUT REPLACING PARTS.
- COMPLETE CHANGEOVER OF SIZE PARTS (FOOTPRINT AND PACKET HEIGHT) TAKES LESS THAN 45 MINUTES
- THE CIP CLEANABLE DOSING SYSTEM AND THE CLEAR SEPARATION BETWEEN KINETICS AND THE PRODUCT ZONE ALLOW THE MACHINE TO COPE WITH THE HIGHEST HYGIENIC REQUIREMENTS
- THE MAIN DRIVE IS CONTROLLED BY A SERVO-MOTOR. THE PAPER FEEDING SYSTEM, AS WELL AS THE DOSING SYSTEM ARE EQUIPPED WITH INDIVIDUAL SERVO-DRIVES
- THE FUTURE-ORIENTED DRIVE AND CONTROL CONCEPT ENABLES MAXIMUM FILLING ACCURACY AND INCREASED FLEXIBILITY
- THE DOSING SYSTEM AVOIDS PRODUCT LEAKAGE AND TREATS THE PRODUCT VERY GENTLY THANKS TO OPTIMUM PRODUCT FLOW
- LIFTING CELLS COMBINED WITH THE NEWLY DEVELOPED DOSING DEVICE GUARANTEE PERFECT ADJUSTMENT TO DIFFERENT PRODUCT CONSISTENCIES WITH OPTIMUM FILLING LEVELS
- THE MODERN MACHINE CONCEPT HAS A STRAIGHT STRUCTURE PROVIDING EASY ACCESS TO ALL MACHINE PARTS FOR SERVICE AND MAINTENANCE

MULTIPACK 7000 HIGH SPEED DOSING AND WRAPPING

BOTTOM FOLD PRINCIPLE

The wrapper is formed as a container in the required packet size and filled with product (consistencies from soft to hard are acceptable).

Closure according to bottom fold principle incl. calibration to ensure sharp-edged packets.



IMA GROUP

IMA Group is world leader in the design and manufacture of automatic machines for the processing and packaging of pharmaceutical, personal care, food, tea and coffee products.

The Group is present in about 80 countries, supported by a sales network made up of 29 branches (Italy, France, Switzerland, the United Kingdom, Germany, Austria, Spain, Poland, Israel, Russia, United States, India, China, Malaysia, Thailand and Brazil), representative offices in central-eastern Europe and more than 50 agencies.

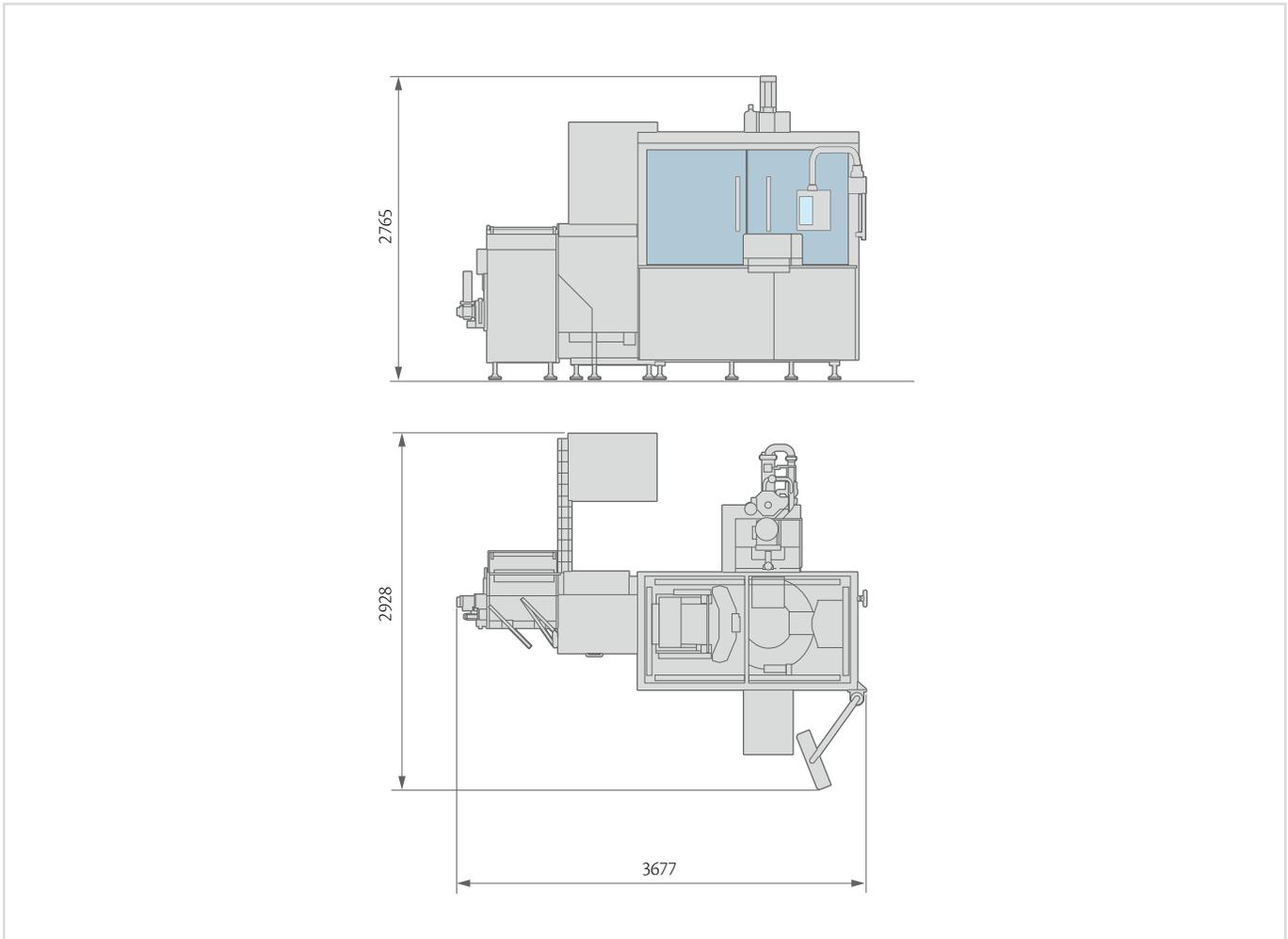
IMA Group has more than 40 production plants in Italy, Germany, France, Switzerland, Spain, UK, USA, India, Malaysia, China and Argentina.

IMA BENHIL - MARKET LEADER FOR BUTTER AND MARGARINE PACKAGING

Benhil offers dosing and wrapping machines for butter and margarine, for consumer packs and big portions, with an output ranging from 6,000 to 18,000 packs/h, as well as cup filling machines. Benhil also supplies secondary packaging solutions including wrap-around cartoners for displays. Synergically with the other IMA group divisions, Benhil also provides a wide range of end-of-line solutions including palletizers.

Over 100 years of experience and an installed base of more than 2,000 machines worldwide make Benhil a trustworthy partner whose understanding of the market is a priceless asset.

MACHINE FOR BUTTER AND MARGARINE



Filled products	Butter, margarine, edible fats, fresh cheese
Dosing range	50 g - 250 g
Nominal output	Up to 200 packets/min.
Filling accuracy	s= 0.2g for Qn ≤ 100 g; s= 0.3g for Qn ≤ 250 g
Product feed	Direct feed from the process plant or product hopper
Wrapping material	Aluminum laminated foil, plastic coated papers, PE foil, paper based materials, other materials on request
Folding and shapes	Bottom fold for bricks/cubes
End-of-line packaging	By downstream fully automatic or semi-automatic case packer
Equipment	Servo-driven main drive, individual servo-drives for wrapping material feed, servo driven dosing unit and lifting cells, Photo-electric unit for wrapper with printed scanning marks, CIP cleanable dosing unit, corrosion-resistant materials in the filling area
Options	CIP valve system, date coding, central lubrication, tendency control, discharge conveyor, remote access control, UL electrics.
Machine control	PLC by Allen Bradley with touch screen operating panel

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