

WINE AND CHAMPAGNE CAPSULE MACHINES

TECHNICAL DATA

	Wine capsule machine FKT-10	Champagne capsule machine FSK-15
max. speed*	270 capsules/minute	180 capsules/minute
capsule top diameter**	22...36 mm	28...36 mm
max. capsule skirt diameter**	45 mm	58 mm
length (height) of plastic capsules**	30...90 mm	---
length (height) of complex capsules**	30...80 mm	70...160 mm
capsule cone = taper x 2 **	1,5...5°	7...10°
max. material thickness of cross-stretched plastic foil	75 µm	---
material thickness of complex / aluminium foil	40...130 µm	30...110 µm
materials	plastic (PVC, PS, PET-G) complex (ALU-PE-ALU) aluminium	complex aluminium

* depending on capsule design and foil quality

** further dimensions on request

CONTACT

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Blema Kircheis

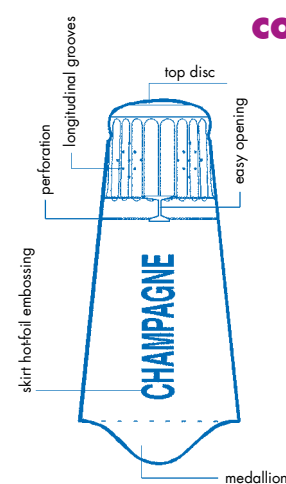
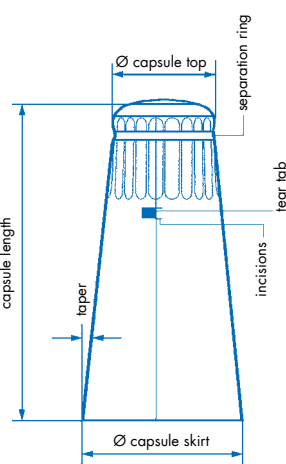
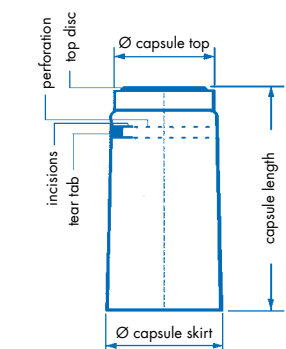
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**MACHINES FOR
BOTTLE CAPSULES**



**CAPSULE MAKING
SOLUTIONS.
PVC,
POLYLAM,
ALUMINIUM.**

WE CREATE WHAT YOU IMAGINE

WINE AND CHAMPAGNE CAPSULE MACHINES



PRODUCT SAMPLES
WINE CAPSULES



PRODUCT SAMPLES
CHAMPAGNE CAPSULES



FUNCTION

Blema Kircheis, as customer and product focused company for special machine engineering in the field of metallic and compound packaging solutions, provides machines with a big variety of stations for:

- the sales promotion and value increase of wine, sparkling wine and champagne bottles by means of high quality capsules
- an individual capsule design and a guaranteed protection of the product

REALIZATION

MACHINE CONCEPT

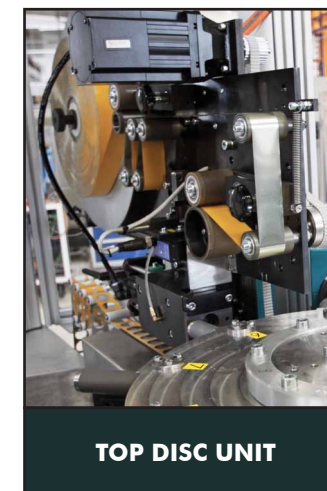
- transport of the capsule skirt segments via transfer wheel towards the winding mandrels
- winding of the capsules without folds on a mandrel wheel having 10 or 15 mandrels, by means of a winding roller
- gluing of the skirt overlapping by cold or hot melt glue
- closing of the capsule top by means of a top disc
- blowing-off and collection of the capsules in rods

ADVANTAGES

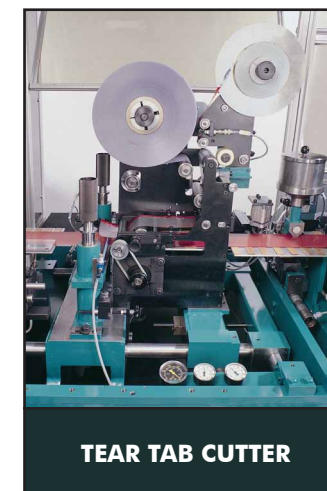
- good accessibility to the machine because of the important wheel diameter
- possibility of retrofitting of control and ejection systems as well as edge control and print control devices
- hybrid machines for different materials or sizes (champagne and wine capsules) on request
- size changes with reduced change-over times by means of quick fitting systems for tool changes
- freely programmable servomotors and cam controller



MANDREL WHEEL AND
TRANSFER WHEEL



TOP DISC UNIT



TEAR TAB CUTTER

PRODUCT

Generally, wine and champagne capsules consist of a capsule skirt, a top disc and an opening system (see sketches on page 4).

CAPSULE SKIRT

- full surface hot-foil embossing
- straight base or medallion
- parallel overlapping by longitudinal cut

TOP DISC

- punched ventilation holes
- cold embossing (positive or negative)
- colour print on the embossed surface
- hot-foil embossing

OPENING SYSTEM

- two incisions at the skirt
- tear tab
- line or hole perforation on the skirt foil (horizontal or vertical)
- aluminium tongue to prevent shrinking of the overlapping foil

CAPSULE SEPARATION SYSTEMS

- continuous separation ring
- interrupted separation ring
- shoulder
- distance cams

OPTIONS

OTHER CHARACTERISTICS