

# FTB TL SERIES

TOP LOADING TRAY AND DISPLAY CARTONERS

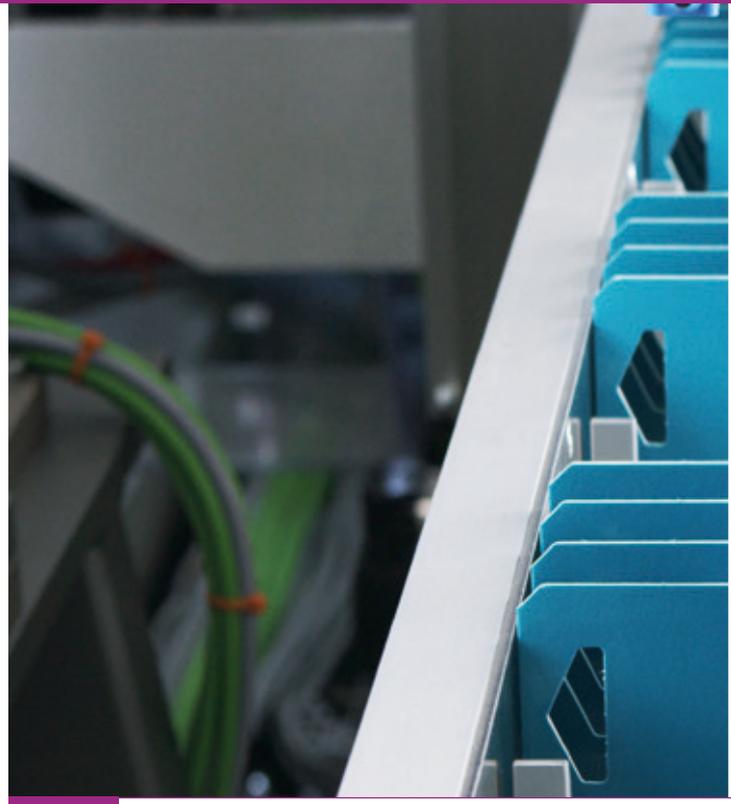


# FTB TL SERIES - VERTICAL DOSING AND FILLING MACHINES

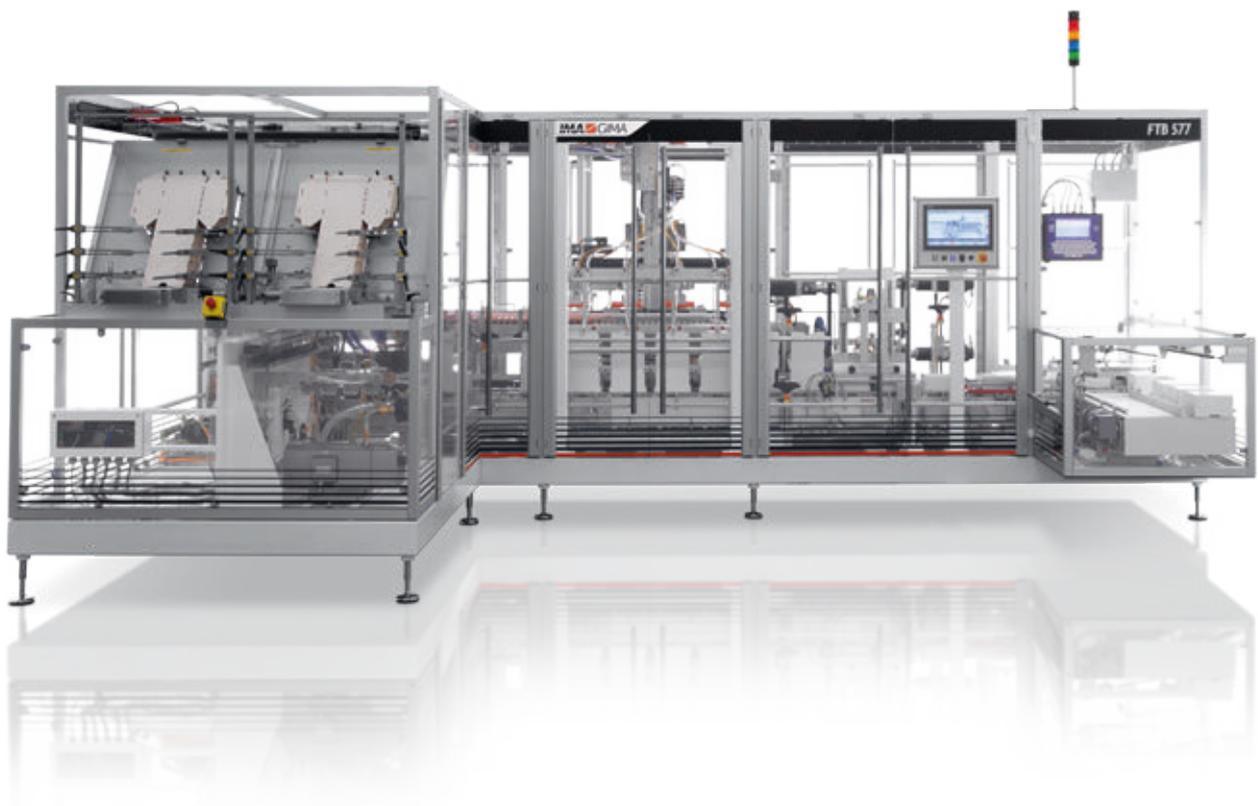
## A COMPACT CARTONER FOR COUNTLESS CONFIGURATIONS

The FTB TL is a compact monobloc top-loading cartoner series that features the widest box size range and product arrangement.

The extensive knowledge and ability to provide customized solutions allows IMA to serve several markets such as confectionery & snacks, biscuit, food, pharmaceutical, nutraceutical, cosmetic and pet food, in the safest and most efficient way.



WITH FULLY SERVO-DRIVEN MOVEMENT, THE FTB TL SERIES ENSURES EXCELLENT PRODUCTION EFFICIENCY, QUICK SIZE CHANGEOVER AND MINIMAL MAINTENANCE REQUIREMENTS



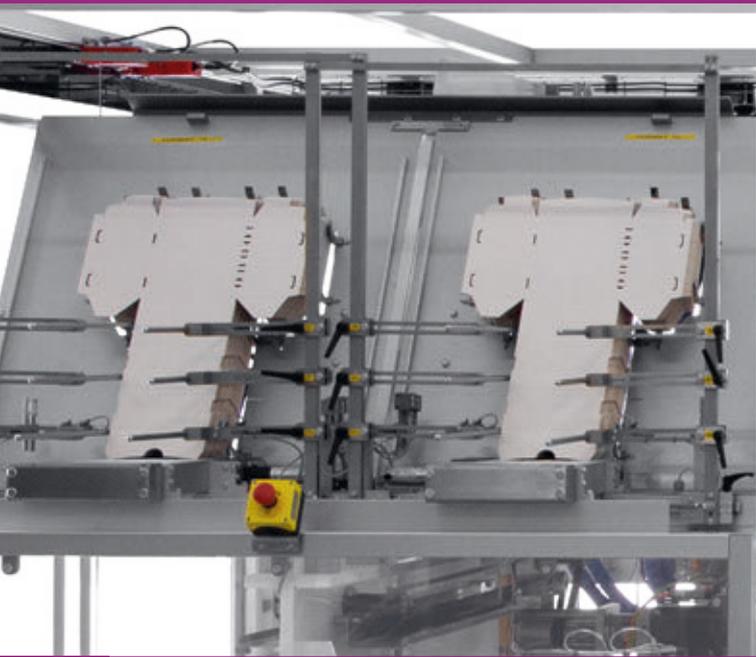


#### MAIN FEATURES:

- COMPACT DESIGN FOR A SMALL FOOTPRINT
- HANDLING CAPABILITY FOR STANDARD CARTONS AND CORRUGATED CARDBOARD
- SINGLE OR MULTIPLE FLAT BLANK MAGAZINES
- POSITIVE BOX FORMING AND HANDLING
- MODULAR DESIGN TO ALLOW MULTIPLE FEEDING SYSTEM INTEGRATION
- VERSATILE FOR ALL STANDARD REQUIREMENTS, PLUS CUSTOMIZED SOLUTIONS ON DEMAND
- HIGH PRODUCT CONFIGURATION FLEXIBILITY INSIDE THE CARTON
- EASY ACCESS TO THE OPERATING AREAS
- OPERATOR-FRIENDLY HMI

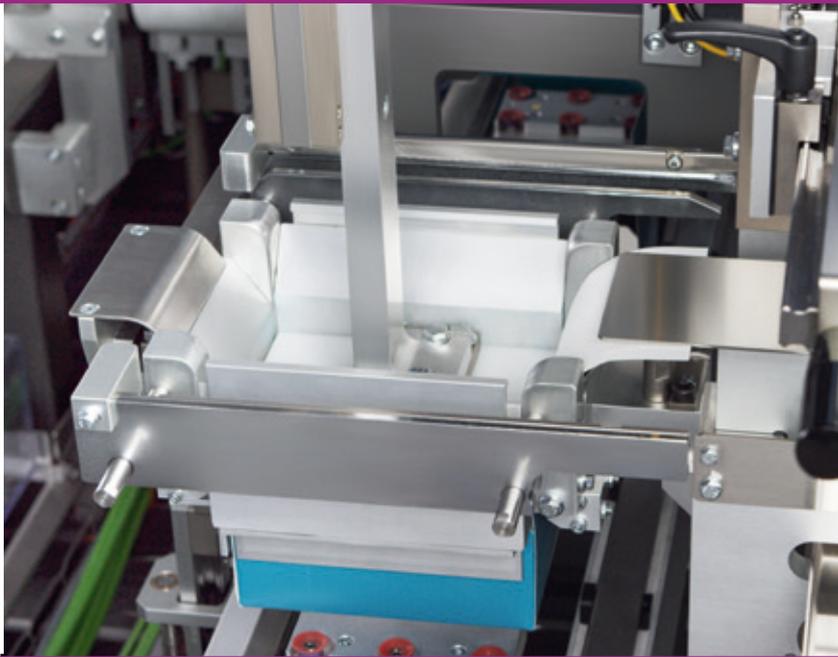


# FTB TL SERIES



## CARTON MAGAZINE

According to the required machine speed and blanks capacity, the FTB TL Series can be equipped with a single, double or twin double flat blank carton magazine.



## CARTON FORMING

The forming heads and main transport system make use of positive displacement management, granting carton squareness for the complete process.

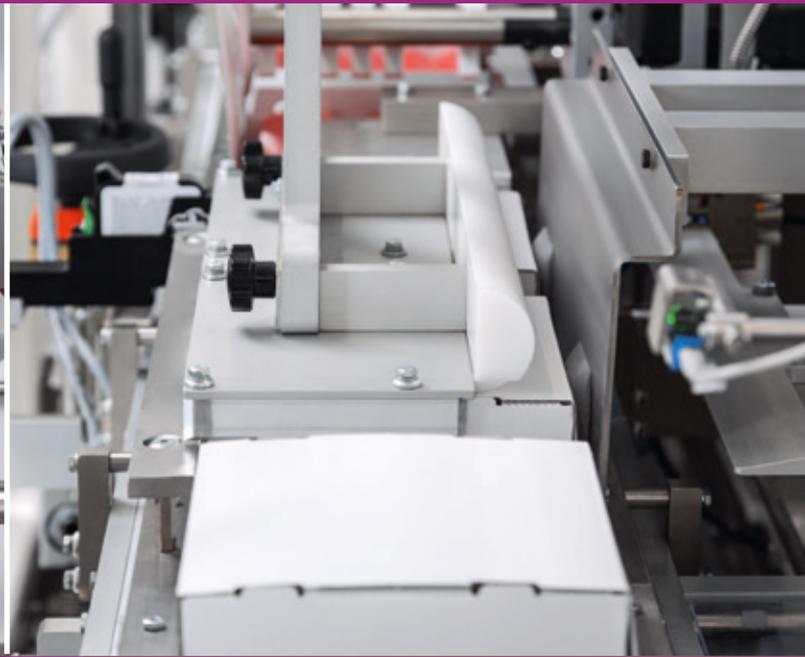
Additional accessories and movements can also be integrated in the forming area, to obtain special carton box features.

## FEEDING SYSTEMS

A VARIETY OF FEEDING SYSTEMS CAN BE INTEGRATED DEPENDING ON THE PRODUCT HANDLED AND ACCORDING TO THE OUTPUT REQUIRED.

Machine is able to treat a wide variety of products, both regularly and irregularly shaped, including jars, cartons, blisters, even flowpacks and pouches, thanks to the implementation of different handling tools.

Before insertion, products can be arranged and oriented by means of dedicated handling units, in order to obtain the desired configuration and appearance of final carton box.



## PRODUCT LOADING AND FEEDING SYSTEMS

Modular design allows maximum flexibility, enabling the processing of many different product types and packaging solutions. Products handled by robotic and dedicated manipulating units are packed into minimally sized boxes in order to significantly reduce material consumption and void-fill techniques.

Extending the main transport system enables customers to combine different products in the same box or integrate additional feeding units (leaflet, interlayer, etc.).

## CLOSING AND CODING STATIONS

Pack composition detection into the box, immediately prior to final closure, pack composition is detected inside the box. Tuck-in or glued lid closure systems are possible, including the most common styles, while customized solutions are also available on demand.

The coding station provides easy access to operators. Codes can be applied on both sides of the carton by embossing, ink-jet or laser printer. Faulty cartons (i.e. partially filled, improperly glued or with missing/wrong code) are rejected individually.

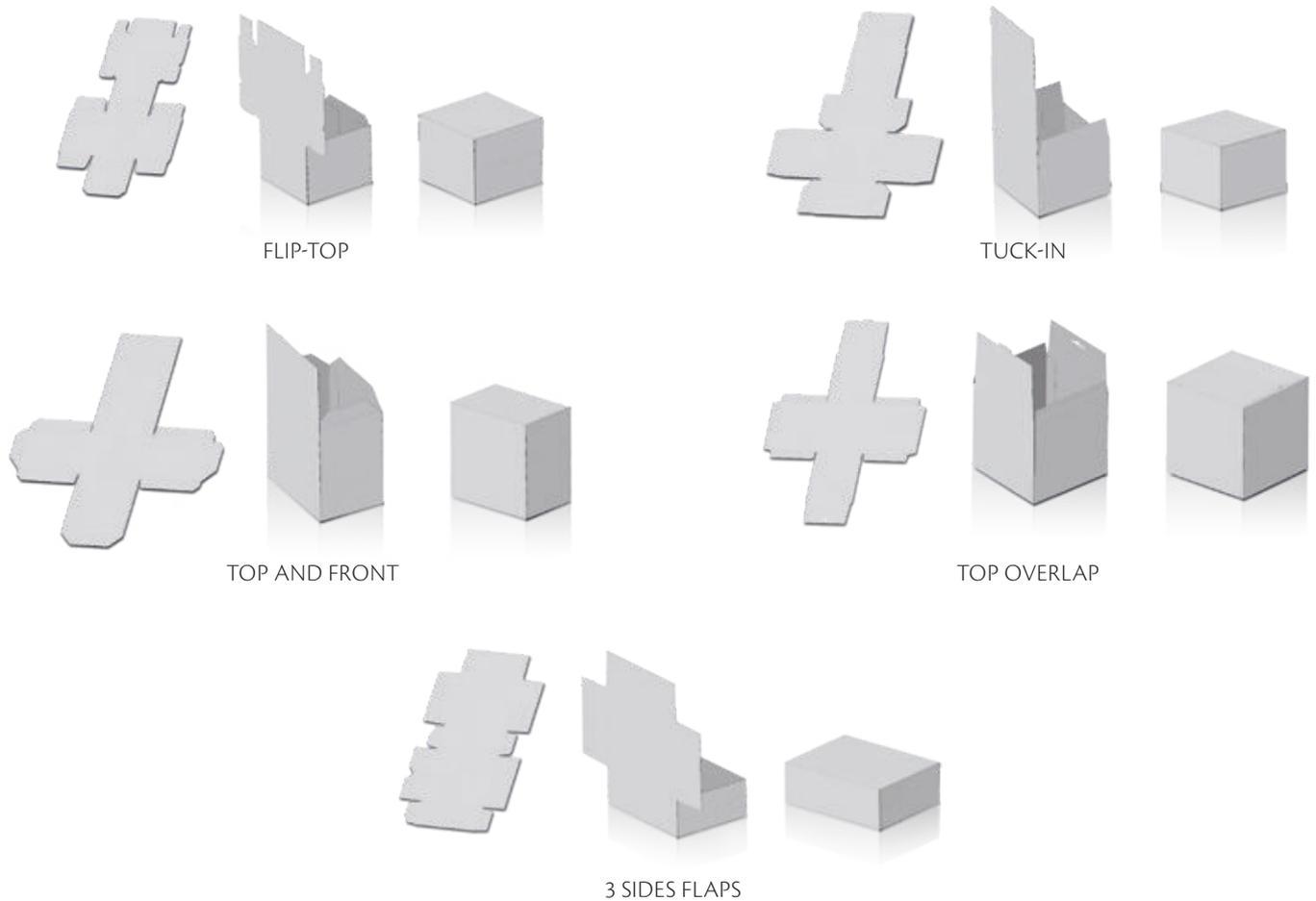


# FTB TL SERIES

## DISPLAY STYLES

All common display and closing styles can be handled on the FTB Series, including tuck-in and glued flap, performed on standard carton and corrugated E-Flute.

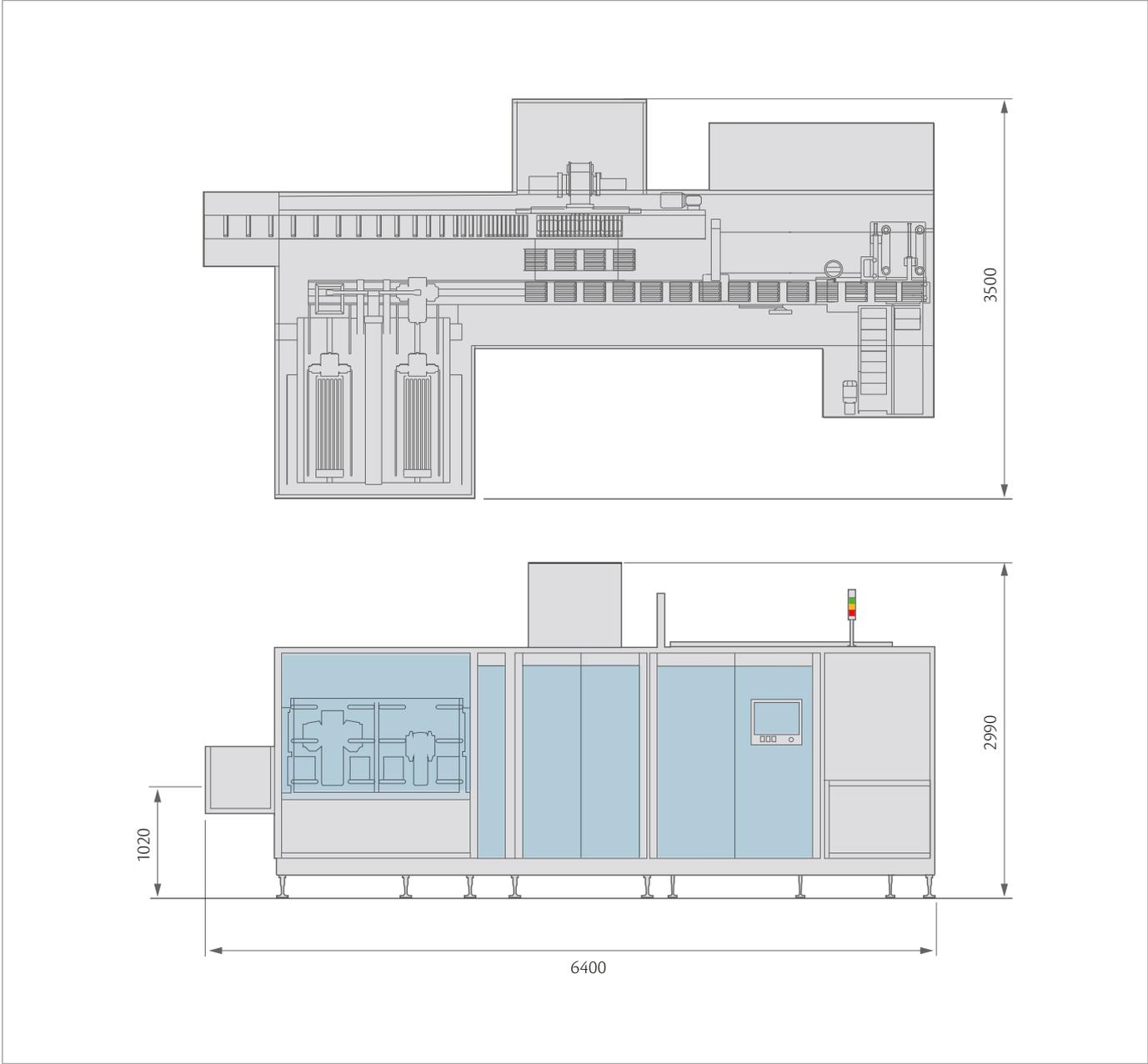
Customized solutions are available on demand. Different machine models are available in our FTB series top loaders portfolio, allowing coverage of the widest box size range and styles.



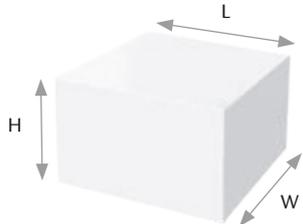
## HMI

Operator interface is based on a touch-screen IPC, designed to fully manage machine operation, production, status and warnings/alarms. Additional features are available as optional for enhanced experience in terms of traceability, monitoring, statistics and equipment integration purposes:

- PackML structure
- KPI monitoring, statistics, maintenance advisor and reporting available with the optional Data Logging module
- 21 CFR part 11 compliance on request
- Communication with the customer's central supervision system (MES, SCADA, etc.) for data export and collection
- Possible integration of additional devices installed on the machine (markers, cameras, etc.)
- Suitable for communicating with plant supervisor systems



SERIES MODEL	LENGTH (L)	WIDTH (W)	HEIGHT (H)	PRODUCTION SPEED
FTB608	50-240 mm	50-240 mm	30-180 mm	Up to 50 cartons/min - single forming head
FTB577				Up to 100 cartons/min - double forming head
FTB575				Up to 200 cartons/min - twin double forming head



ima.it



IMA S.p.A. - **GIMA division**  
marketing.gima@ima.it • ima.it/ima-group/markets  
FOLLOW IMA **f in**  

