

## High-performance, fully configurable dispensers



Unlock your productivity potential with the MODULA range of automated dispensers. With unrivaled flexibility and performance levels, MODULA can be tailored to meet your exact space requirements and productivity needs.

Experience the power of results-driven tinting solutions. Our high-efficiency, precision COROB MODULA dispensers are designed to meet extensive and varied demands, delivering reliable and flexible performance.

MODULA allows for just-in-time production with an unlimited range of colors and significant stock reduction.

Choose from a wide selection of canister sizes and external tanks, and select from several pumping technologies to match your product characteristics.

The on-board equipment, consisting of up to 32 canisters and pumps, is designed to handle products that require lower flow rate performance. For products that require increased flow rate performance, up to 10 external tanks can be equipped with higher flow rate pumps.

Always at the forefront of innovation, we have developed a new patented high-speed dispensing system for our MODULA VG model. By adding the optional COROB VG-SIM module, you can boost your dispenser performance productivity by up to 30%.

With complete customizability to meet any budget or space requirement, our solutions are strategically positioned to shorten delivery times and reduce inventory needs, maximizing profitability.



### **BOOST PRODUCTIVITY**

Accelerate your operations: the ideal solution for high-speed needs, from large distribution centers to production facilities



### **TAILORED TO YOUR NEEDS**

Customizable configurations for performance, productivity, and space requirements, with a range of canister sizes and external tank solutions



### **CONSISTENT QUALITY, EVERY TIME**

Accurate and repeatable results for high-efficiency premium quality products



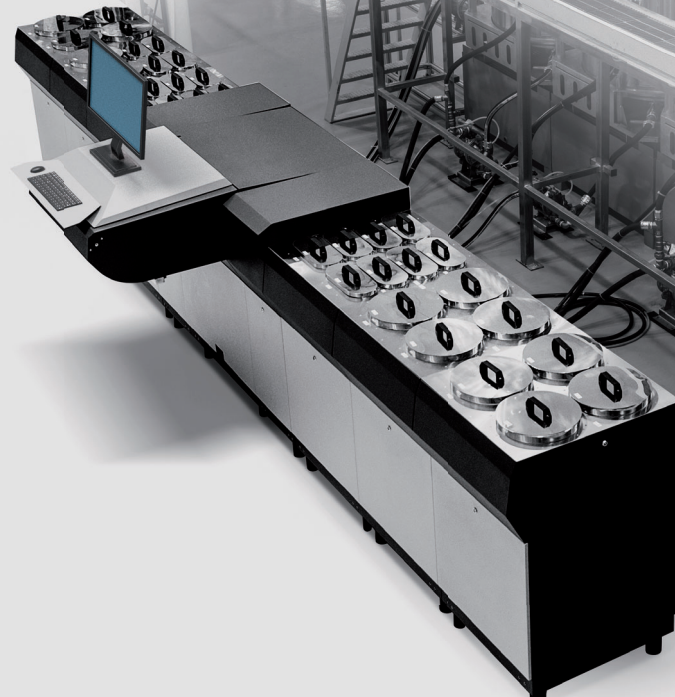
### **AT THE FOREFRONT OF INNOVATION**

Hybrid dispensing technology, combining gravimetric and volumetric systems

#### **ABOUT US**

COROB, a GRACO company, is a global leader with a long and successful history in developing, manufacturing and delivering high-tech dispensing and mixing solutions for the widest range of tinting applications. Our offering is supported by a global service network making COROB a total solution provider.

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## MAIN BUSINESS APPLICATIONS

Consult with COROB specialists and selected partners to define the best In-Can automation system for your business needs. We offer infinite possibilities, solutions, and configurations delivering consistent, high-quality results in a wide range of business applications:

Paints



Inks



Plastics



Leathers and textiles



Cosmetics, hair dyes,  
nail polishes



Automotive and  
car refinishing industry

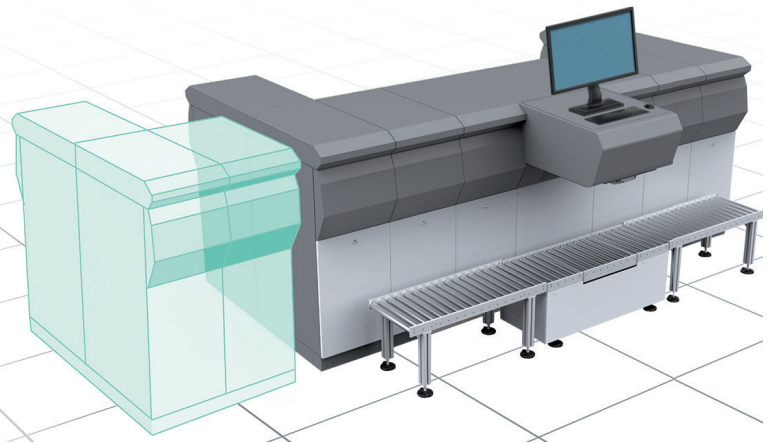


## LAYOUT

Discover the flexibility of the COROB MODULA product line, which offers a wide selection of configurations ranging from “in-line” to “U-shaped” layouts.

Our modules can be arranged in various combinations to provide the best solution to accommodate your production line.

To help you design a facility layout that meets your specific needs, our specialists submit multiple proposals, all with suitable configurations.



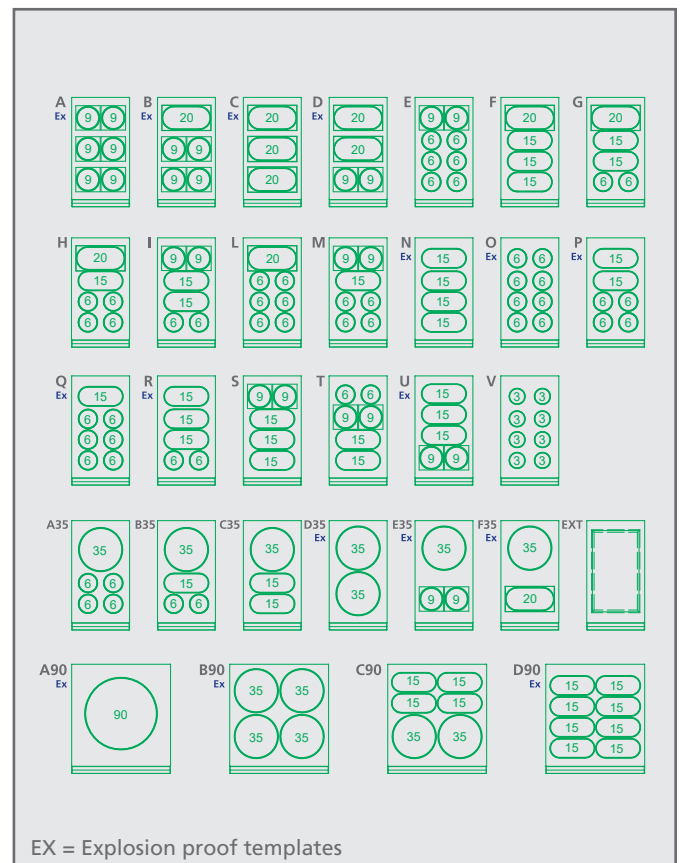
## MODULE TEMPLATES AND CANISTER SELECTION

Maximize the efficiency and throughput of your production line with the flexibility offered by MODULA. With the ability to configure modules in a variety of combinations, you can find the best solution for your space and production needs.

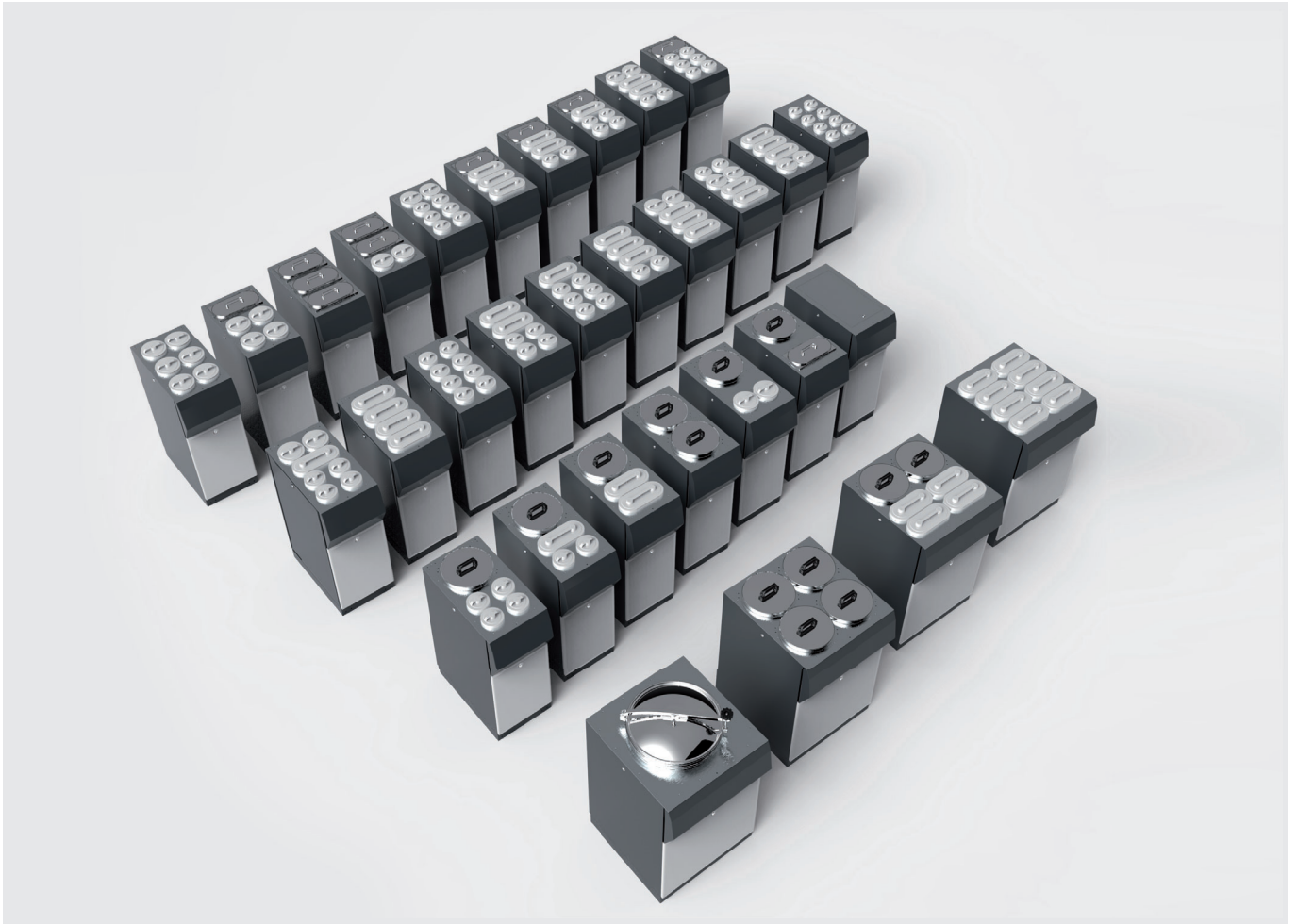
Choose from a range of module templates to suit your specific requirements.

MODULA can host canisters with up to 90 liters of capacity, making it the largest volume canister in the industry.

	SHAPE	ACETALIC	STAIN-LESS STEEL	STAIN-LESS STEEL AIR-TIGHT	DOUBLE PUMP
3 liters (3 q)	Round	•	•		
6 liters (6 q)	Round	•	•		
9 liters (9.5 q)	Round	•	•	•	
15 liters (4 G)	Oval	•	•		
20 liters (5.3 G)	Oval		•	•	•
35 liters (9.2 G)	Round		•	•	•
90 liters (24 G)	Round			•	•



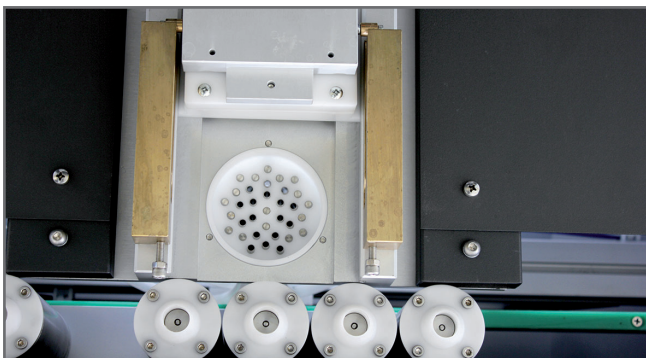




Wide selection of canister sizes and materials available for colorants.



Adjustable automated roll conveyors to ensure a user-friendly and ergonomic can flow



Details of the colorant nozzle center and the movable dosing valve for bases.



Ergonomic and user-friendly working position.












# IN-CAN PRODUCTION

The In-Can production system allows you to create a virtually unlimited number of tinted products while saving costs and minimizing production time.

- Ensures each tinted batch is profitable
- The system is extremely flexible and requires no startup time.
- Delivers custom paint quickly and maximizes profits.
- Enhances customer service and reduces lead times.

The Volu-gravimetric model (VG) combines the accuracy and speed of volumetric dispensing with gravimetric capabilities.

This solution provides maximum flexibility and productivity, as it doses base and colorants directly into the empty cans. With the optional **COROB VG-SIM module**, our newest patented high-speed dispensing system, productivity can increase by up to 30%, while simultaneous dispensing of base and colorants significantly reduces time. Additionally, a wide range of hazardous chemicals can be handled safely thanks to COROB MODULA's explosion-proof capacity

MODEL	COLORANTS	BASES	EXPLOSION PROOF VERSION
MODULA TDF			
MODULA TDF-V			
MODULA TDF-VG			
<div><div> Volumetric Dispensing Method</div><div> Gravimetric Dispensing Method</div><div> Explosion proof</div></div>			





## Technical data

	MODULA VG	MODULA V
Business environment	Large volume paint stores, production facilities	
Volume output	High	
Dispensing technology	BPG (bellows), Gear or in combination	
Dispensing flow	Volumetric: Simultaneous Gravimetric: Sequential	Simultaneous
Circuit flow rate [l/min]*	Internal: [BPG] HF 0.4; [Gear] HF 1.0 - STD 0.5 - LAB 0.16 / External: [AODD] up to 20	[BPG] HF 0.4; [Gear] STD 0.5 - HF 1.0 - LAB 0.16
Minimum dispensed quantity [fl.oz.] (cc)*	STD 1/768 (0.039) - HF 1/384 (0.077) - LAB 1/1152 (0.026)	
Valve type	COROB 3-way electric valve: DN04/DN05 (volumetric system) - DN15 (gravimetric system)	COROB 3-way electric valve or Integrated Nozzle Valve [INV] (with re-circulation)
Canister configurations	Internal: Up to 32 - External: Up to 10	Up to 32
Canister sizes [l] (q-G)**	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G) / 20 (5.3 G) / 35 (9.2 G) / 90 (24 G) [according to modules]	
Colorant compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]	
Dimensions HxLxD [mm] (in)	1410 x 1700 x 1450 (55.5 x 67 x 57)	1210 x 1400 x 1350 (47.6 x 55.1 x 53.1)
Certification	CE / ETL [optional] / Explosion proof [optional]	

\* Values highly affected by the nature of the colorants and their rheological properties.

\*\* The bigger size canisters reduce the maximum canister number possible.