



**COROB™**  
color engineering

## COROB™ EVOFLX-MX™

The next generation, advanced and flexible dispenser

**DISPENSERS**

# COROB™ EVOFLX-MX™

The next generation, advanced and flexible dispenser  
Hybrid pump technology

Unparalleled automatic dispenser, a true concentration of technology, modern control systems and full range of personalization possibilities.

- Tailored performance settings: sequential, on-demand and fully simultaneous.
- Possibility to choose among a selection of pumping technology.
- The perfect performance/price dispenser.

## A FLEXIBLE DISPENSER

There are a set of frame sizes fitting from a typical configuration for a 16 colorant system all the way up to the more complete 32 circuits unit. The mix of canister sizes allow to set the best one for each colorant consumption demand. The 1,5 liter canister particularly adequate with low turnover colorants, up to the 5 liters for the most used ones.

## PUMP SELECTION

The modular and flexible concept of the new '5G' platform, allows the customer to select from a wide range of pumping technologies.

Bellow pumps and the **market breakthrough DFP** (Dual Flow Piston) pumps are available, both in standard and High Flow (HF) dispensing capabilities, achieving the possibility to reach up to 1 liter/min output for an individual colorant.

## TAILORED PERFORMANCE

EVOFLX-MX™ dispensers are offered both in **sequential and simultaneous versions**, these can fulfill each store's real tinting needs. The innovative **simultaneous-on-demand flow** is an ideal bridge between speed and purchasing price. For most color formulations it is almost impossible to tell the difference with a fully simultaneous model.

The possibility to choose among all these opportunities, is key to paying exactly for what are the real needs of each store.

## ADVANCED FUNCTIONS

The advanced control system of the machine, based on the '5G' platform, enables the capability to **remotely check the dispenser**. Communicating information to service personnel, or by giving phone assistance to the store operator are key elements in improving maintenance events.

The **installation time is tremendously reduced** to more than half the time compared previous generation of machines, with tangible effects on the setup costs.





Available manual shelf, semi-automatic or fully automatic shelves as optional.



A practical keyboard and side supports can equip the dispenser, a comfortable reach for all operators.



Four types of capping system exist, from manual variants to the integrated nozzle valve for an ideal protection against drying.



Selection of canister sizes, for all productivity needs. Ranging from 1,5 liters up to 5 liters.



#### EASY SETUP

The new EVOservice program allows to install machines in the most limited time possible. Saving money is saving time for other activities.



#### IDEAL OWNERSHIP COSTS

The possibility to add re-circulation on selected circuits highly improves the colorant behavior for the more challenging types.



#### OPERATOR FRIENDLY

The detailed and extensive information given by the machines allows each operator to keep track and control of all the operations.



#### MAINTENANCE OVER TIME

The robust components and limited electronic boards reduce the possibility of downtimes, as per extensive lifetime tests done for all parts.

## OPTIONS

BHL laser, Fully Automatic shelf, Semi-Automatic puncher, Manual pedal puncher, Integrated Nozzle Valve INV, Active water humidifier.

## QUICK GUIDE

BUSINESS ENVIRONMENT	DISPENSER	VOLUME OUTPUT	LAYOUT	CANISTERS	DISPENSE SYSTEM	COLORANT COMPATIBILITY	FOOTPRINT
<ul style="list-style-type: none"> <li>Professional paint stores</li> <li>DIY</li> </ul>	Automatic	<ul style="list-style-type: none"> <li>Medium</li> <li>High</li> </ul>	Static	<ul style="list-style-type: none"> <li>Up to 18 [S]</li> <li>Up to 32 [L]</li> </ul>	<ul style="list-style-type: none"> <li>Sequential</li> <li>Simultaneous</li> <li>On Demand</li> <li>Simultaneous</li> </ul>	<ul style="list-style-type: none"> <li>Water</li> <li>Universal</li> <li>Solvent</li> </ul>	<ul style="list-style-type: none"> <li>0,78 m<sup>2</sup> (8.4 ft<sup>2</sup>) [S]</li> <li>1,2 m<sup>2</sup> (12.9 ft<sup>2</sup>) [L]</li> <li>[with shelf]</li> </ul>

## XCLUSIVE EXPERIENCE

### COLORANT-MACHINE COMPATIBILITY

- Wide selection of options and settings to suit best each colorant technology.
- Individual canister stirring timings and selected re-circulation possibilities.

### QUALITY

- A solid and flawless assembly, and re-enforced quality checks insure an excellent end result.

## BLUE INNOVATION

### INTEGRATED NOZZLE VALVE

- World first breakthrough dispensing nozzle system with re-circulation function.
- Advanced solution for low-no VOC colorants, insuring performance against drying.



### SIMULTANEOUS ON DEMAND

- Optimized handling of each formulation with fastest possible response time.
- Selection of dispense performances, with the best market price/performance ratio.

### ENVIRONMENT

- Premium materials and up to 87% recyclable.



## OPTIMAL EFFICIENCY

### CONTROL SYSTEMS

- Limited number of boards.
- Reduced spare parts. Low stock inventory value among all new machines.
- Quick learning curve for service personnel.

### ENERGY, WASTE AND OWNERSHIP MANAGEMENT

- Reliable devices reduces mis-tints and breakdowns.
- Optimized pump activation for using energy only when necessary.

### IMPROVED USE PROCESSES

- QUICK-GO calibration setup available for a 'turn-on and run' mode.
- Clear and extensive messages make understanding the actions and commands very simple.

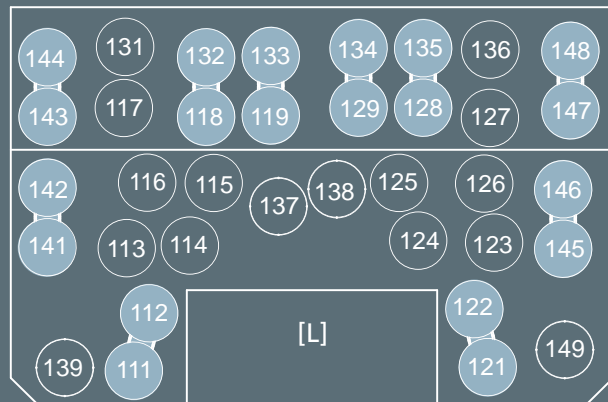
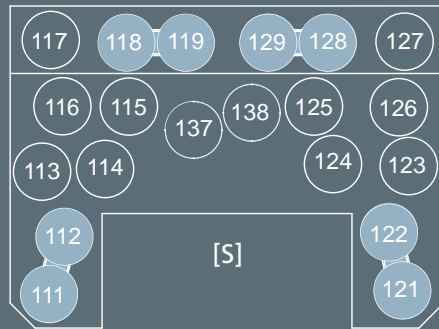


### SERVICEABILITY

- Cost and time efficient modular upgradability devices.
- Front-end easy to reach controls.
- Smart design allowing quick interventions, and minimal needs for specific tools.



## MACHINE LAYOUTS



○ = 1,5 liters or 2,5 liters canister slot.

●● = Can host a 5 liters canister.

## PUMP SELECTION

	Circuit flow rate [l/min]*	Minimum dispensed quantity [fl.oz.] (cc)* ± 1%	Re-circulation	MAX number	Compatible with INV	Water / Solvent
DFP [dual flow piston] STD**	0,5	1/768 (0,0385)	STD	32	YES	YES
DFP [dual flow piston] HF**	1,0	1/192 (0,154)	STD	32	YES	YES
BPG [big pumping group - bellow] HF**	0,4	1/192 (0,154)	STD	4[S] 6[L] ***	YES	YES
Bellow STD	0,25	1/768 (0,0385)	OPT	16[S] 32[L]	YES	YES

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

\*\* Only with 5 liter canisters.

\*\*\* With INV the maximum number becomes 18 [S] and 32 [L].

## CANISTER SELECTION

1,5 liters [1.58 q]	Acetatic
2,5 liters [2.64 q]	Acetatic
5 liters [1.32 G]	Acetatic

Note: For solvent based applications, Nylon canister lids are recommended.

**EVOFLX-MX™****Base dispenser features**

	[S]	[L]
Dispensing technology	Hybrid: Bellow, BPG [bellow], DFP [piston] or in combination	
Dispensing flow	Sequential (default) / On-Demand Simultaneous / Simultaneous	
Canister configurations	Up to 18	Up to 32
Canister sizes [l] (q-G)	1,5 (1.58 q) / 2,5 (2.64 q) / 5 (1.32 G)	
Canister material	POM (Acetalic resin)	
Circuit flow rate [l/min]*	[Bellow] STD 0,25 - HF 0,4; [DFP] STD 0,5 - HF 1,0	
Minimum dispensed quantity [fl.oz.] (cc)*	[Bellow & DFP] STD 1/768 (0,0385) - HF 1/192 (0,154)	
Valve type	[Bellow] Membrane valve; [DFP & BPG Bellow] COROB 3-way electric valve (with re-circulation)	
Nozzle closure system	Manual rotating cap	
Pump type	[Bellow & DFP] STD size; [BPG Bellow] HF size	
Electronic generation/type	5G	
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]	
Shelf type	Manual	

**Can handling features\*\***

Minimum can height [mm] (in)	70 (2.8)
Maximum can height [mm] (in)	500 (19.7)
Minimum can diameter [mm] (in)	70 (2.8)
Maximum can diameter [mm] (in)	320 (12.6) [w/ hole in center] - 355 (14) [w/ hole not in center]
Minimum hole diameter [mm] (in)	54 (2.1)

**Power supply / Machine environment**

Power supply [V] – Frequency [Hz] – Fuses [A]	Single phase 100 - 240 ±10% -- 50/60 -- F 10 A
Maximum power absorption [W]	From 70 to 390 based on the configuration

**Dispenser dimensions**

Length [mm] (in)	912 (36)	1212 (47.7)
Depth [mm] (in)	858 (33.8) w/ shelf - 786 (31) w/o shelf	988 (39) w/ shelf - 916 (36) w/o shelf
Height [mm] (in)	1397 (55)	
Footprint [m²] (ft²)	0,78 (8.4) w/ shelf - 0,72 (7.7) w/o shelf	1,2 (12.9) w/ shelf - 1,1 (11.9) w/o shelf
Machine Weight [kg] (lbs)	200 (441)	300 (661)

**Certification**

CE / UL

Data refers to base configuration machine, figures may vary according to different specifications.

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

\*\* IMPORTANT: most machine and paint can dimensions refer to the basic machine model. Options and alternative devices can change these values.  
Please check with your local sales representative or contact one of COROB's offices.**ABOUT COROB**

Headquartered in San Felice sul Panaro, Italy, COROB is one of the world's leading supplier of advanced tinting equipment for the global paints and coatings industry. COROB offers a complete range of point-of-sales equipment from entry-level to high-performance dispensers, as well as mixers and shakers. In addition, COROB supplies complete In-Plant tinting systems and advanced self-service vending solutions. COROB offering is supported globally by a highly recognized Service Partner network.

For further information, please visit:  
[www.corob.com](http://www.corob.com)

**SERVICE NETWORK**

The global Service and Partner network is a true asset to our customers, making the deployment and servicing of COROB™ equipment a true hassle free activity. Professional and extensively trained Customer Service Representatives deliver technical support, installations and on-site operator training. Extended warranty and preventive maintenance programs are offered to extend the life cycle of your equipment and optimize performances.