



## COROB™ EVOFLX-LW™

The advanced and compact mid-performance dispenser

DISPENSERS

# COROB™ EVOFLX-LW™

The advanced and compact mid-performance dispenser  
Hybrid pump technology

Introducing the medium performance EVOFLX-LW™ automatic dispenser, delivering perfect tinting.

- Low refilling height.
- Optimal colorant handling.
- Modular approach for broad colorant applications.

## A COMPLETE DISPENSER

With one of the **lowest refilling heights** on the market, EVOFLX-LW™ represents an ideal dispenser in terms of ergonomics.

The overall size of the machine and its compact frame gives it a **small footprint**, and the easy access to the canister area is another feature appreciated by all store operators.

This dispenser fits perfectly into professional paint stores and DIY environments.

## 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.

## BUILDING IT TO NEEDS

The unit can host **up to 32 circuits**, with the possibility to select 1,5 liter, 2,5 liters and 5 liters canister sizes.

Several shelves are available, from the default manual version to the semi-automatic and fully automatic variants. It is also possible to add roll conveyors, **enhancing the work flow** for all store types.

## OPTIMAL TINTING RESULT

**PERFORMANCE:** With the possibility to choose among pump technologies of different productivity rates, EVOFLX-LW™ responds to all types of tinting demands.

Available pump technologies: bellow pump (0,2 liter/min), BPG with HF bellow (0,4 liter/min) and DFP (dual flow piston) (0,5 liter/min or 1 liter/min).

**OPTIMIZED COLORANT HANDLING:** Water borne and solvent borne colorants. Several options increase the **colorant's life** in the machine, for an optimal tinting dispense.

The optional re-circulation is yet another item that can **improve the tinting result** for those colorants needing more attention, offsetting sedimentation effects and building up of pressure in the circuits.





Easy access reachable canister positions, positioned at waist level, for all sizes of people.



Optional re-circulation function for all circuits.



'Eye-level' working station, with complete sets of peripheral supports.



Ordinate pump displacement.



#### PERFORMANCE

Pumps of up to 1 liter/min assure an incredible speed in tinting high turnover colorants, without losing in accuracy.



#### IDEAL OWNERSHIP COSTS

Proven components, the everlasting bellows pump and reduced number of electronic boards assure a continuous working cycle.



#### LOW-NO VOC COLORANT HANDLING

Re-circulation capabilities and the capping systems assure colorants to their ideal behavior and keep the correct level of moisture.



#### OPERATOR FRIENDLY

The incredible low height of just 1110 mm makes it very easy for all operators to work with this unit.

## OPTIONS

BHL laser, Fully Automatic shelf, Re-circulation, 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	Medium	Static	Up to 32	<ul style="list-style-type: none"> <li>Sequential</li> <li>Simultaneous On Demand</li> <li>Simultaneous</li> </ul>	<ul style="list-style-type: none"> <li>Water</li> <li>Universal</li> <li>Solvent</li> </ul>	0,86 m² (9.23 ft²)

## EXCLUSIVE 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

### 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.

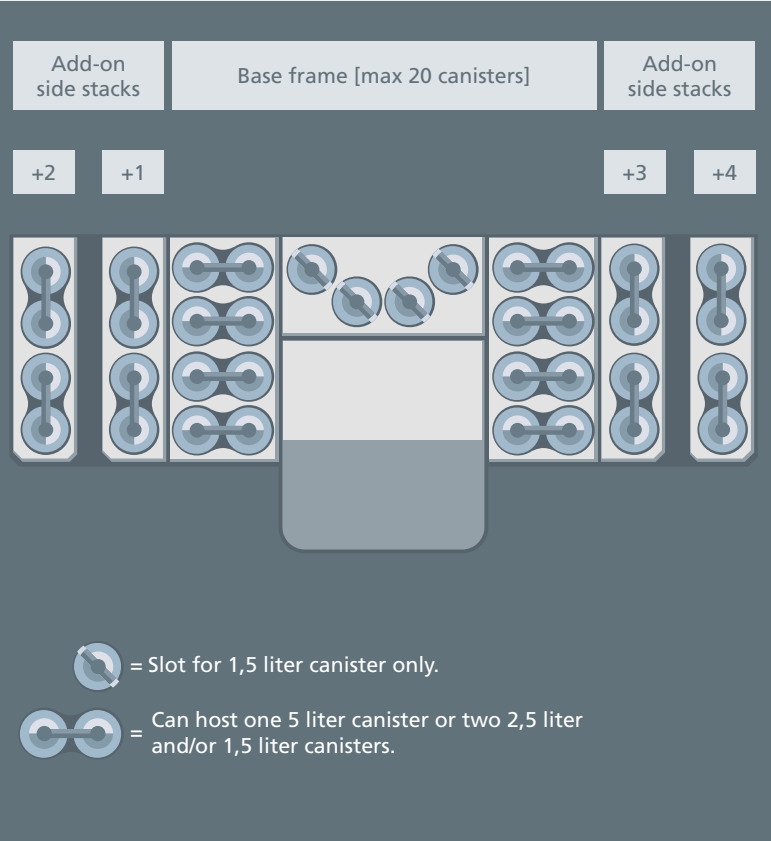


### SERVICEABILITY

- 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 LAYOUT



## 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	16	YES	YES
DFP [dual flow piston] HF**	1,0	1/192 (0,154)	STD	16	YES	YES
BPG [big pumping group - bellow] HF**	0,4	1/192 (0,154)	STD	16	YES	YES
Bellow STD	0,25	1/768 (0,0385)	OPT	32	YES	YES

\* Values highly affected by the nature of the colorants and their rheological properties.  
\*\* Only with 5 liter canisters.

## CANISTER SELECTION

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

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

## EVOFLX-LW™

### Base dispenser features

Dispensing technology	Hybrid: Bellow, BPG [bellow], DFP [piston] or in combination
Dispensing flow	Sequential (default) / On-Demand Simultaneous / Simultaneous
Canister configurations	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)	240 (9.45) [w/ hole in center] - 380 (14.96) [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 600 based on the configuration

### Dispenser dimensions

Length [mm] (in)	980 (38.6)
Depth [mm] (in)	875 (34) w/ shelf - 800 (31.5) w/o shelf
Height [mm] (in)	1110 (44)
Footprint [m²] (ft²)	0,86 (9.23)
Machine Weight [kg] (lbs)	NA

### Certification

	CE
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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.