



COROB™ EVOPWR™

Pure performance, productivity and technology

DISPENSERS

COROB™ EVOPWR™

Pure performance, productivity and technology
Hybrid pump technology

The most advanced unit among the COROB family of dispensers, it is the working tool of the future.

- Complete range of performance settings.
- Selection of gear, piston and bellow pumps.
- Wide range of machine layouts and modules.

A COMPLETE DISPENSER

This dispenser's performance makes it the ideal unit for **distribution centers** and **professional paint stores** where productivity and time are key to the business.

EVOPWR™ models build upon the modular approach which allows for choosing among a wide set of canister sizes, pump performances and technologies: a solution for the most complex colorant sets, whether for decorative or industrial based applications.

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.

PUMP SELECTION

Among the selection of pumps, the **market breakthrough DFP** (Dual Flow Piston) pump is the latest COROB development in matter of high performance pumps, it is available in the standard flow version capable of 0,5 liter/min or the High Flow (HF) of up to 1 liter/min.

The gear pumps have been modernized, reaching **higher levels of torque** for the most difficult colorants, while **being even more silent** than the previous models.

Bellow pumps are also available, ideal when low volumes are mainly required.

HIGH DEGREE OF CONFIGURABILITY

According to the available working space, chose between the compact **CX** version, the complete **SX** model or the bigger **LX** variant.

This last variant is adequate for being used with roll conveyors and creating a 'production line' type of flow.

The default semi-automatic shelf increases the ergonomic approach of this dispenser, optional are the fully automatic version or, no shelf at all.





The advanced DFP Dual Flow Piston pump is a true result of COROB's innovation capabilities.



'Soft' mode top cover closure: safety and quality!



The new roll conveyor design is ideal for withstanding heavy weights, while allowing to be added after the purchase of the machine.



PERFORMANCE

This unit is a true winner in terms of speed for the most demanding tinting needs.



IDEAL OWNERSHIP COSTS

The limited amount of electronics and the unique cabling, reduce the number of parts present on the machine. The high quality of the components and parts are equally another assurance of durability.



LOW-NO VOC COLORANT HANDLING

The innovative INV or the active humidification system are just a few of the many devices that help to keep colorants at their best.



MAINTENANCE OVER TIME

Plenty of space for the service personnel for doing interventions. Possibility to upgrade parts over time with a modular system.

OPTIONS

BHL laser, Fully Automatic shelf, Semi-Automatic puncher, Integrated Nozzle Valve INV, Foldable roll conveyors, Active water humidifier.

QUICK GUIDE

BUSINESS ENVIRONMENT	DISPENSER	VOLUME OUTPUT	LAYOUT	CANISTERS	DISPENSE SYSTEM	COLORANT COMPATIBILITY	FOOTPRINT
<ul style="list-style-type: none"> Distribution centers Professional paint stores 	Automatic	<ul style="list-style-type: none"> Medium High 	Static	Up to 32	<ul style="list-style-type: none"> Sequential Simultaneous On Demand Simultaneous 	<ul style="list-style-type: none"> Water Universal Solvent 	<ul style="list-style-type: none"> 1,13 m² (12.2 ft²) [SX-CX] 1,4 m² (15 ft²) [LX] [with shelf and 2 modules]

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.



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.



BLUE INNOVATION

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.



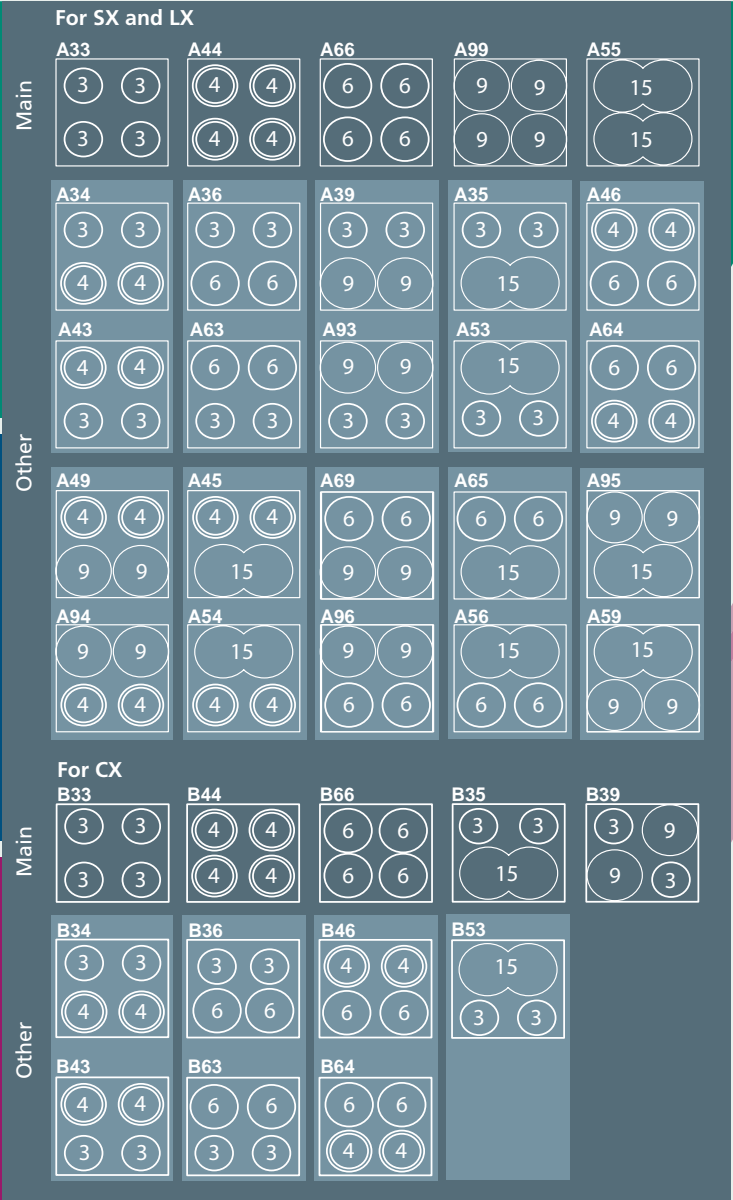
SERVICEABILITY

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



OPTIMAL EFFICIENCY

MODULE TEMPLATES



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] STD	0,25	1/768 (0,0385)	STD	32	YES	YES
BPG [big pumping group - bellow] HF	0,4	1/192 (0,154)	STD	32	YES	YES
SSDP [gear single drive] LAB	0,16	1/1152 (0,026)	STD	32	YES	YES
SSDP [gear single drive] STD	0,5	1/768 (0,0385)	STD	32	YES	YES
SSDP [gear single drive] HF	1	1/192 (0,154)	STD	32	YES	YES

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

CANISTER SELECTION

	Acetalic [water]	Acetalic [solvent]	Acetalic with Nylon lid	Stainless Steel
1,5 liters (1.58 q)*	■	■		
3 liters [3 q]	■	■	■	■
4 liters [4 q]	■	■	■	
6 liters [6 q]	■	■	■	■
9 liters [9.5 q]	■	■	■	■
15 liters [4 G]				■

* Coordinate with COROB, for the positioning of the 1,5 liters canisters within the template structure.

EVOPWR™	CX		SX	LX
Base dispenser features				
Dispensing technology	Hybrid: BPG [bellow], Gear, DFP [piston] or in combination			
Dispensing flow	Sequential / On-Demand Simultaneous / Simultaneous (default)			
Canister configurations	Up to 24 - Up to 32 with INV			Up to 32
Canister sizes [l] (q-G)	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G) [according to modules]			
Canister material	POM (Acetalic resin) / Stainless steel for 15 l			
Circuit flow rate [l/min]*	[BPG] STD 0,25 - HF 0,4; [Gear] STD 0,5 - HF 1,0 - LAB 0,16; [DFP] STD: 0,5 - HF: 1,0			
Minimum dispensed quantity [fl.oz.] (cc)*	[BPG, Gear, DFP] STD 1/768 (0,0385) - HF 1/192 (0,154); [Gear] LAB 1/1152 (0,026)			
Valve type	COROB 3-way electric valve (with re-circulation)			
Nozzle closure system	Automatic cap			
Pump type	[BPG & DFP] STD size; [Gear] Single Driving Pump MTRxs STD size			
Electronic generation/type	5G			
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]			
Shelf type	Semi-Automatic			
Can handling features**				
Minimum can height [mm] (in)	75 (3)			
Maximum can height [mm] (in)	500 (19.7)			
Minimum can diameter [mm] (in)	70 (2.8)			
Maximum can diameter [mm] (in)	415 (16.3)			
Minimum hole diameter [mm] (in)	43 (1.69) [up to 16c] - 54 (2.13) [17-20c] - 60 (2.36) [21-24c]			
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 380 to 690 based on the configuration			
Dispenser dimensions				
Length [mm] (in)	1216 (47) [center frame+2 modules]			
Depth [mm] (in)	933 (36) w/ shelf - 861 (34) w/o shelf - 1042 (41) w roll conveyor	933 (36) w/ shelf - 861 (34) w/o shelf	1160 (45) w/ shelf - 1090 (43) w/o shelf	
Height [mm] (in)	1252 (49)			
Footprint [m²] (ft²)	1,13 (12.2) w/ shelf - 1,05 (11) w/o shelf - 1,27 (13.6) w roll conveyor	1,13 (12.2) w/ shelf - 1,05 (11) w/o shelf	1,4 (15) w/ shelf - 1,31 (14.3) w/o shelf	
Machine Weight [kg] (lbs)	250 (551)	260 (573)	345 (761)	
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



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.