



**COROB™ D410x**

The flexible medium size automatic dispenser

**DISPENSERS**

# COROB™ D410x

The flexible medium size automatic dispenser  
Bellow pump technology

The most accurate bellow pump automatic dispenser that combines medium to high performance, productivity and versatility all in one professional unit.

- Complete configurability.
- Extremely reliable bellow pump technology.
- Tailored performance and price to each need.
- Wide selection of options.

The various models of COROB™ D410x offer the greatest dispenser flexibility ever, delivering an optimal price/performance ratio dispenser.

## BUSINESS ENVIRONMENT

The wide range of configurations and output volume possibilities make it an ideal choice for several working environments and store typologies:

- Professional paint stores.
- Large retail and DIY chains.

## FLEXIBILITY

A range of three frame sizes can be chosen, accommodating up to 32 circuits with a wide variety of canister sizes, to match the various colorant set needs and applications.

Passing from the standard 2,5 liter canisters, to the optional 5 liter canisters (when there is a higher turnover need of certain colorants, avoiding the need for continuous refilling) or smaller 1,5 liter canister (most adequate to keep a fresh quality of colorant in the circuit) is possible.

## TAILORED PERFORMANCE

The use of the reliable and flexible 4G electronics proves to be the platform that delivers a cost conscious sequential unit, or allows for choosing a more performing and faster simultaneous dispense machine.

The integrated bellow pumping group works with the optimal accuracy, reliability and speed. The bellow pump is a linear, volumetric chamber without gaskets, completely free of wear. A double bellow pump option for the 5 liter canisters enables an increase dispensing speed.

## ERGONOMICS & CAN HANDLING

A default manual shelf guarantees a simple loading and unloading operation of the can, in alternative a semi-automatic or fully automatic shelves can be chosen. The electrical shelves provide a faster and smoother shelf movement and positioning, combined to an improved can detection system.

## ADVANCED DEVICES

The active humidifier system for water borne colorants is an option that, in combination with the standard automatic cap, improves the colorant behavior in the nozzle area and contributes to a longer and carefree life for the dispenser.

## SERVICEABILITY

The integrated bellow pump group proves to be extremely reliable, and, when the need comes to have it changed, it can be easily removed all in one piece allowing to save replacement time and reducing overall intervention costs.

The reduced number of control boards and the newly developed power box also endure few devices which can break down and are easily reachable by the Service personnel.





Central LCD support and keyboard holder.



Standard manual shelf or "relief proof" optional electrical shelf.



Various canisters sizes to fit every colorant turnover.



The active humidifier system works when both the cap is closed or when its open during the dispense mode for an effective protection against drying of the nozzle area.



#### PERFORMANCE

Possibility to choose the sequential unit, or opt for the fully simultaneous version with a total dispense flow of 0,8 liter/min [27 fl.oz./min].



#### IDEAL OWNERSHIP COSTS

The everlasting bellows pump, free from wear and tear due to the lack of mechanical stress between the pump and colorant, lasts for a lifetime without needing to be changed.



#### LOW-NO VOC COLORANT HANDLING

High pump torque for all temperature conditions, effective nozzle capping devices and the use of new materials in the circuits ensure an incredible result in handling the latest generation of colorants.



#### MAINTENANCE OVER TIME

The bellows pump technology guarantees repeatability and accuracy without further interventions after the first install period, and maintains the results over years and years.

## OPTIONS

Semi-Automatic shelf / Fully Automatic shelf, Semi-Automatic puncher, active humidifier, laser BHL, additional printer/mouse support, central monitor arm, double pumping group, heater, pipes for high viscosity colorants.

## QUICK GUIDE

BUSINESS ENVIRONMENT	DISPENSER	VOLUME OUTPUT	LAYOUT	CANISTERS	DISPENSE SYSTEM	COLORANT COMPATIBILITY	FOOTPRINT
<ul style="list-style-type: none"> <li>DIY</li> <li>Professional paint stores</li> </ul>	Automatic	<ul style="list-style-type: none"> <li>Low</li> <li>Medium</li> </ul>	Static	Up to 32	<ul style="list-style-type: none"> <li>Sequential</li> <li>Simultaneous</li> <li>Mix</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>0,69 m<sup>2</sup> [S]</li> <li>0,84 m<sup>2</sup> [M]</li> <li>1,1 m<sup>2</sup> [L]</li> </ul>

## D410x

### Base dispenser features

	[S]	[M]	[L]
Dispensing technology	Bellow pump		
Dispensing flow	Sequential, Simultaneous or both		
Canister configuration	Up to 20	Up to 24	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]*	0,2 [Single pump] - 0,4 [Double pump]		
Minimum dispensed quantity [fl.oz.] (cc)*	1/384 (0,077)		
Valve type	Membrane valve: BLUE Viton (water) - BLACK FFKM (universal/solvent)		
Nozzle closure system	Automatic cap (SA)		
Pump type	STD Bellows		
Electronic generation/type	4G		
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]		
Shelf type	Manual "slide" (MSM)		

### Can handling features

Minimum can height [mm] (in)	60 (2.4) [w/ Man.shelf] - 100 (3.9) [w/ Aut./Semi-aut.shelf or w/ Puncher]		
Maximum can height [mm] (in)	550 (21.7) [w/ Man.shelf] - 430 (16.9) [w/ Aut./Semi-aut.shelf] - 400 (15.8) [w/ Puncher]		
Minimum can diameter [mm] (in)	110 (4.3)		
Maximum can diameter [mm] (in)	350 (13.8)		
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-24c] - 60 (2.4) [25-32c]		

### Power supply / Machine environment

Power supply [V] -- Frequency [Hz] -- Fuses	Single phase 100 - 240 $\pm$ 10% -- 50/60 -- F10 A		
Maximum power absorption [W]	From 60 to 350 based on the configuration		

### Dispenser dimensions

Length [mm] (in)	950 (37.4)		1250 (49.2)
Depth [mm] (in)	720 (28.4)	880 (34.7)	
Height [mm] (in)	1380 (54.3)		
Footprint [m²] (ft²)	0,69 (7.43)	0,84 (9.04)	1,1 (11.84)
Machine Weight [kg] (lbs)	180 (397)	266 (586)	281 (619)

### Certification

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## 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.

\* Values highly affected by the nature of the colorants and their rheological properties.  
Data refers to base configuration machine, figures may vary according to different specifications.

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