

COROB™ D800TX I D800 EXTRA

The most advanced high productivity automatic dispenser

DISPENSERS

COROB™ D800TX | D800 EXTRA

The most advanced high productivity automatic dispenser
Gear pump technology

The D800 family of dispensers are today's most advanced high-performance units. They have been developed with a combination of the latest technical solutions based on COROB's long-term experience and expertise in the tinting business.

- Performance & productivity.
- Many configuration possibilities.
- Wide selection of canisters and pumps.
- Numerous factory 'in-line' options to choose among.

BUSINESS ENVIRONMENT

The design and positioning of the external head allows for the easy passage of the cans below, creating a smooth in-line production flow, requiring minimal effort in handling the bigger sized cans.

The COROB™ D800TX and D800 EXTRA are at home in the big trade centers and depots, and equally fit for the professional high volume paint stores and DIY chains.

PERFORMANCE

Patented pumps made in various materials, like stainless steel all the way up to ceramic components, have been heavily tested in the field with the latest generations of VOC (Volatile Organic Compound) colorants. All test results confirm extremely reduced wear and tear, significantly reducing the need for maintenance.

Dispensing up to 8 liter/min of colorant is a normal task for this unit, when choosing the HF pumps, otherwise for up to a total of 4 liter/min when configured with the default STD performance pumps (0,5 liter/min).

MODULAR CONFIGURABILITY & PRODUCTIVITY

The modular design of this dispenser allows to configure it according to the tinting system you use, with up to 32 circuits. A complete set of available modules to choose from means that the layout of this dispenser can be adapted to meet every possible need, from the standard two large sized module configuration to more complex setups. The refilling height of 1110 cm [43.7 in] ensures ease of use at waist level and can accommodate many types of acetalic resin or stainless steel canisters, so that the use of the circuits can be adapted to different colorant technologies and production volumes.

ERGONOMICS & CAN HANDLING

The default electrical shelf guarantees a simple moving operation of the cans and, with the addition of the roll conveyors, it is possible to create a small in-line production flow. The optional BHL laser locator facilitates the centering of the cans and the default safety switches on the moving parts of the shelf area deliver the operator a safe.

MANAGING COLORANTS

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.

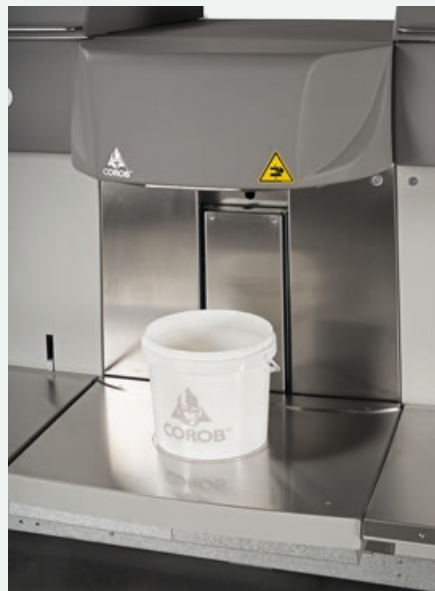
D800TX and D800 EXTRA excel in handling low and no VOC colorants all the way up to the industrial solvent-based products.



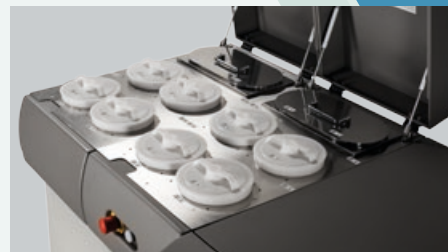
The D800 EXTRA version builds on the single driven transmission for each pumping group, combined to the 4G electronics management control system. The possibility to drive each circuit means tailoring the drop shot and controlling the stirring and recirculation time to best suit the colorant. With a reduced movement of the pumps, there are also significant impacts on the need to change less parts over time.



Torque and control for delivering high speed dispense.



The electrically adjustable shelf improves operator ergonomics and easily adapts to all can sizes.



Wide selection of canister sizes and materials for all colorant typologies.

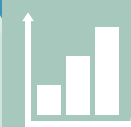


The effective capping system protects from drying and its design allows for easy maintenance.



PERFORMANCE

An incredible 4 liter/min [135 fl. oz.] dispense capability, expandable up to 8 liter/min [270 fl. oz.] for an unbeatable speed.



PRODUCTIVITY

Wide selection of canister sizes and the possibility to add can handling roll conveyors for creating a small in-line flow..



LOW-NO VOC COLORANT HANDLING

Special materials for the circuits and the pumps, matched to an effective active water humidifier avoid typical drying and reduce the need for daily operations.



OPERATOR FRIENDLY

Accessibility to the interior area of the machine is facilitated by panels that are removed with few steps and the low top working area suit all operator heights.

OPTIONS

Semi-Automatic puncher, external roll conveyors (foldable and stand-alone), active humidifier, heater, laser BHL, 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"> ■ Distribution centers ■ Professional paint stores 	Automatic	High	Static	Up to 32	Simultaneous	<ul style="list-style-type: none"> ■ Water ■ Universal ■ Solvent 	<ul style="list-style-type: none"> ■ 1,78 m² (19.14 ft²) [2 module unit]

D800TX | D800 EXTRA

Base Dispenser Features

	TX [VL – Metal sheet] [VP – ABS Plastic]	EXTRA [VL – Metal sheet] [VP – ABS Plastic]
Dispensing technology	Gear pump	
Dispensing flow	Simultaneous	
Canister configuration	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) [according to modules]	
Canister material	POM (Acetalic resin) / Stainless steel for 20 l	
Circuit flow rate [l/min]*	0,5 [STD] – 1,0 [HF] – 0,16 [LAB]	
Minimum dispensed quantity [fl.oz.] (cc)*	1/384 (0,077) [STD] – 1/192 (0,154) [HF] – 1/1152 (0,026) [LAB]	
Valve type	COROB 3-way electric valve (with re-circulation)	
Nozzle closure system	Automatic cap	
Pump type	CRXs (option DR full stainless steel)MTRXs (SDP Single Driving Pumps)	MTRXs with SDP (Single Driving Pumps)
Electronic generation/type	4G	
Colorant base compatibility	Decorative and Industrial: Water, Universal and Solvent	
Shelf type	Semi-Automatic	

Can handling features

Minimum can height [mm] (in)	70 (2.8) – 155 (6.1) [w/ Puncher]
Maximum can height [mm] (in)	450 (17.7) – 390 (15.4) [w/ Puncher]
Minimum can diameter [mm] (in)	100 (3.9)
Maximum can diameter [mm] (in)	360 (14.2)
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] – 54 (2.1) [17-20c] – 60 (2.4) [21-32c]

Power supply / Machine environment

Power supply [V] - Frequency [Hz]	Single phase 100-110 ±10% / 220-240 ±10% -- 50/60 -- F10A	Single phase 100 – 240 ±10% -- 50/60 -- F 10A
Maximum power absorption [W]	Up to 24c: 650; >25c***: 800	500

Dispenser dimensions

Length [mm] (in)	1400 (55.1) [center frame + 2 modules] – Extra add-on modules: 410 (16.1)
Depth [mm] (in)	1010 (39.8) [w/o shelf] – 1270 (50) [w/ shelf]
Height [mm] (in)	1190 (46.9)
Footprint [m²] (ft²)	1,41 (15.22) [w/o shelf] – 1,78 (19.14) [w/ shelf]
Machine Weight [kg] (lbs)	300 (661) [16c] – 350 (772) [24c] – 410 (904) [32c]

Certification

CE / UL



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.

Take note: 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.

*** For this version Working cycle: Intermittent periodic duty 70%.

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