

# Technical Data Sheet

n. 22 [February 2023]

## Automatic Central Nozzle Dispensers COROB D600 5G



### BASE DISPENSER FEATURES

Dispensing technology	Gear pump
Dispensing flow	Simultaneous
Dispensing displacement	External
Canister configuration*	Up to 24
Canister sizes [l] (q-G)	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G)
Canister material	POM (Acetalic resin)
Canister stirring	Pre-set [variable timing function available]
Pump type	CRXs (option DR full stainless steel)
Circuit flow rate [l/min]**	STD 0.5 - HF 1.0
Minimum dispensed quantity [fl.oz.] (cc)**	STD 1/768 (0.039) - HF 1/384 (0.077)
Valve type	COROB 3-way electric valve (with re-circulation)
Nozzle closure system	Automatic cap
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Semi-Automatic

### DISPENSER VERSIONS

Panels	Sheet Metal
External modules add-ons	Small additional modules
Available versions	-

### CAN HANDLING FEATURES\*\*\*

Minimum can height [mm] (in)	70 (2.8) - 130 (5.1) [w/ Puncher]
Maximum can height [mm] (in)	505 (19.9) - 450 (17.7) [w/ Puncher]
Minimum can diameter [mm] (in)	60 (2.4) - 100 (3.9) [w/ Puncher]
Maximum can diameter [mm] (in)	235 (9.3) [w/ hole in the center] - 360 (14.2) [w/ hole not in the center]
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-20c] - 60 (2.4) [21-24c]
Maximum can weight [kg] (lbs)	35 (77)

### POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 200-240 ±10% / 100-120 ±10% [optional]
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	From 500 to 650 based on configuration
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE/UKCA - ETL

### DISPENSER DIMENSIONS

Length [mm] (in)	1070 (42.1) [center frame+2 modules]
Depth [mm] (in)	876 (34.5) w/o shelf - 1108 (43.6) w/ shelf
Height [mm] (in)	1190 (46.9)
Add-on module length [mm] (in)	330 (13)
Footprint [m <sup>2</sup> ] (ft <sup>2</sup> )	0.96 (10.3) w/o shelf / 1.19 (12.8) w/ shelf
Machine Weight [kg] (lbs)	290 (639) [16c] - 350 (772) [24c]
Machine + packaging Weight [kg] (lbs)	330 (728) [16c] - 400 (882) [24c]

### EQUIPMENT FEATURES

Automatic shelf	Optional
Semi-Automatic puncher	Optional
No-Dry-Nozzle Humidifier and Laser BHL	Optional
Foldable conveyors	Optional
External Heater	Optional

\* The bigger size canisters reduce the maximum canister number possible.

\*\* 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. **Take note: data refers to base configuration machine, figures may vary according to different specifications.**

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