

Technical Data Sheet

n. 09 [June 2020]

Automatic Dispensers COROB EVOPWR SD Single Drive



BASE DISPENSER FEATURES

Dispensing technology	Hybrid: BPG (bellow), Gear or in combination
Dispensing flow	Simultaneous
Dispensing displacement	[CX - SX] Internal - [LX] External
Canister configuration*	[CX - SX] Up to 24 - [CX and SX w\ INV - LX] Up to 32
Canister sizes [l] (q-G)	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G) / 35 (9.2 G) [according to modules]
Canister material	POM (Acetalic resin) / Stainless steel for 35 l
Canister stirring	Pre-set [variable timing function available]
Pump type	Single drive pumps: [BPG] STD size; [Gear] MTRXs STD size
Circuit flow rate [l/min]**	[BPG] STD 0,25 - HF 0,4; [Gear] STD 0,5 - HF 1,0 - LAB 0,16
Minimum dispensed quantity [fl.oz.] (cc)**	STD 1/768 (0,039) - HF 1/384 (0,077) - LAB 1/1152 (0,026) [w/ INV] STD 1/1536 (0,019) - HF 1/576 (0,051) - LAB 1/1536 (0,019)
Accuracy**	± 1%
Valve type	COROB 3-way electric valve (with re-circulation)
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-20c] - 45 (1.8) [21-32c] / according to water-solvent partition
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	ABS Plastic and Sheet metal
External modules add-ons	Yes
Available versions	[SX] Small version - [CX] Compact version - [LX] Large version

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) [21-32c]

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100 - 240 ±10%
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	From 150 to 600 based on the configuration
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE / ETL

DISPENSER DIMENSIONS

Length [mm] (in)	1216 (47) [center frame+2 modules]
Depth [mm] (in)	[CX-SX] 933 (36) w/ shelf - 861 (34) w/o shelf [CX] 1042 (41) w/ roll conveyor [LX] 1160 (45) w/ shelf - 1090 (43) w/o shelf
Height [mm] (in)	1252 (49)
Add-on module LxD [mm] (in)	[CX] 373 (15) x 730 (28.7) [SX-LX] 373 (15) x 830 (32.5)
Footprint [m ²] (ft ²)	[CX-SX] 1,13 (12.2) w/ shelf - 1,05 (11) w/o shelf [CX] 1,27 (13.6) w/ roll conveyor [LX] 1,4 (15) w/ shelf - 1,31 (14.3) w/o shelf
Machine Weight [kg] (lbs)	[CX] 250 (551) - [SX] 260 (573) - [LX] 345 (761)
Machine + packaging Weight [kg] (lbs)	[CX] 295 (650) - [SX] 305 (672) - [LX] 402 (886)

EQUIPMENT FEATURES

Automatic shelf	Optional
Semi-Automatic shelf + puncher	Optional
Roll conveyor	[CX-LX] Optional
Integrated Nozzle Valve [INV] with cleaning system	Optional
No-Dry-Nozzle Humidifier and Laser BHL	Optional
Heater	Optional
Corob Connect	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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Technical Data Sheet

n. 09 [June 2020]

Automatic Dispensers COROB EVOPWR CD Central Drive



BASE DISPENSER FEATURES

Dispensing technology	Gear
Dispensing flow	Simultaneous
Dispensing displacement	[CX - SX] Internal - [LX] External
Canister configuration*	[CX - SX] Up to 24 - [CX and SX w\ INV - LX] Up to 32
Canister sizes [l] (q-G)	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G) / 35 (9.2 G) [according to modules]
Canister material	POM (Acetalic resin) / Stainless steel for 35 l
Canister stirring	Pre-set [variable timing function available]
Pump type	Central Driving Pump Gear CRXs STD size
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) [w/ INV] STD 1/1536 (0,019) - HF 1/576 (0,051)
Accuracy**	± 1%
Valve type	COROB 3-way electric valve (with re-circulation)
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-20c] - 45 (1.8) [21-32c] / according to water-solvent partition
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	ABS Plastic and Sheet metal
External modules add-ons	Yes
Available versions	[SX] Small version - [CX] Compact version - [LX] Large version

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) [21-32c]

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 220-240 ±10% / 100-110 ±10% [optional]
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	Up to 24c: 650; >25c: 800 (for this version Working cycle: Intermittent periodic duty 70%)
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE / ETL

DISPENSER DIMENSIONS

Length [mm] (in)	1216 (47) [center frame+2 modules]
Depth [mm] (in)	[CX-SX] 933 (36) w/ shelf - 861 (34) w/o shelf [CX] 1042 (41) w roll conveyer [LX] 1160 (45) w/ shelf - 1090 (43) w/o shelf
Height [mm] (in)	1252 (49)
Add-on module LxD [mm] (in)	[CX] 373 (15) x 730 (28.7) [SX-LX] 373 (15) x 830 (32.5)
Footprint [m ²] (ft ²)	[CX-SX] 1,13 (12.2) w/ shelf - 1,05 (11) w/o shelf [CX] 1,27 (13.6) w/ roll conveyer [LX] 1,4 (15) w/ shelf - 1,31 (14.3) w/o shelf
Machine Weight [kg] (lbs)	[CX] 250 (551) - [SX] 260 (573) - [LX] 345 (761)
Machine + packaging Weight [kg] (lbs)	[CX] 295 (650) - [SX] 305 (672) - [LX] 402 (886)

EQUIPMENT FEATURES

Automatic shelf	Optional
Semi-Automatic shelf + puncher	Optional
Roll conveyer	[CX-LX] Optional
Integrated Nozzle Valve [INV] with cleaning system	Optional
No-Dry-Nozzle Humidifier and Laser BHL	Optional
Heater	Optional
Corob Connect	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.

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