

PERFECTA

Born to be Maintenance
Free



PREDICTIVE
MAINTENANCE **4.0**

PERFECTA

THE 1

812 (944*) × 987 × 1165 (1660*) mm
(16 = 12x3L + 4x5L)

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THE 3

1285 × 987 × 1165 (1405*) mm
(16 = 12x6L + 4x10L)
(24 = 18x3L + 6x6L)

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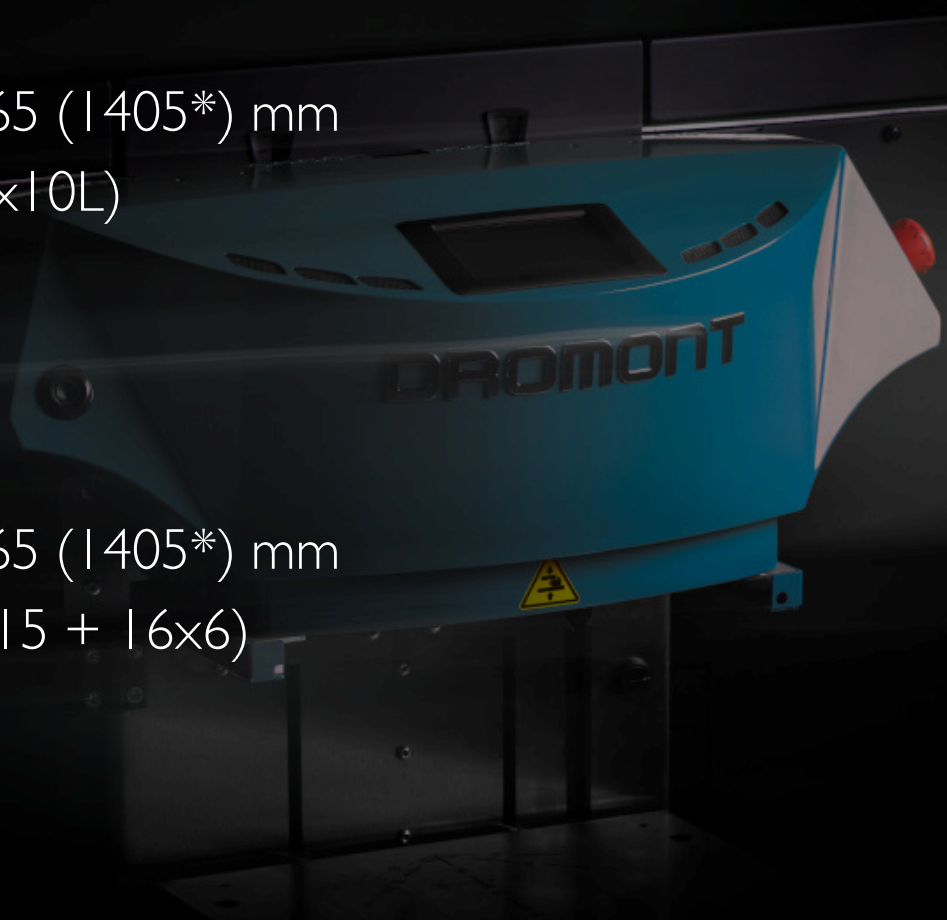
THE 5

1740 × 987 × 1165 (1405*) mm
(24 = 18x6L + 6x10L)

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THE 7

2168 × 987 × 1165 (1405*) mm
(24 = 4x25 + 4x15 + 16x6)

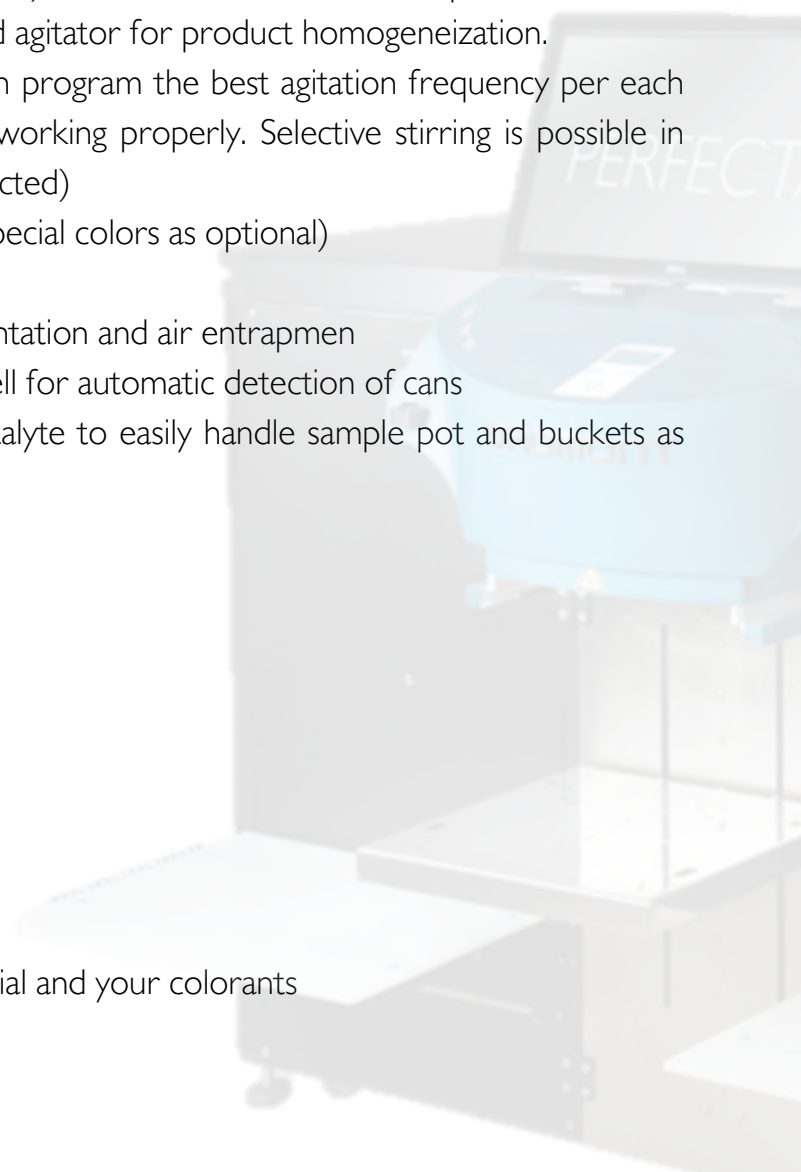


TECHNICAL CHARACTERISTICS

- **Flow rate** (per circuit): 0.6 Lt./min (*) - 21 oz/min
- **Accuracy:** 1/768th fl.oz. (0,038 cc) variable depending on rehology of the products
- **Back electrical cabinet** position for immediate access and easy maintenance
- “Patented” **Air-tight Automatic cap** that guarantee an hermetic closure of the dosing head and prevents colorants drying out - no more daily purge but once a week
- “Patented” **Self-Humidification System** (option) that eliminate daily maintenance operation and guarantee an independent humidification of the cap even in dry environment. Thanks to the self humidification system, the machine self-maintains an optimal humidification level of the cap. No need of ordinary maintenance (dosing head cleaning, sponge humidification or replacement)
- “Patented” **Automatic Colorant Level Sensors** (option) allow to visualize the true level of each colorant, avoid empty canisters and eliminates the possibility of declaring incorrect quantities
- **Standard configurations:** 16 - 24 - 32 canisters
- **Stainless steel piston pumps** (easy to be replaced by non-expert operator)
- **Simultaneous dispensing:** all the colorants dispensed at the same time
- Canisters made of **POM** polymer material (**) - Stainless steel available as optional
- Each canister has an independent motorized agitator for product homogeneization.
- **Extend Colorant Life and Quality:** you can program the best agitation frequency per each canister and visualize that each agitator is working properly. Selective stirring is possible in each canister (if Level Sensors option is selected)
- **ABS charcoal grey** color external panels (special colors as optional)
- **Dispensing head max diameter:** 54,5 mm
- Recirculation of the colorants avoid sedimentation and air entrapmen
- Automatic central shelf, with safety photocell for automatic detection of cans
- Lateral foldable plate shelves treated in ertalyte to easily handle sample pot and buckets as optional
- Volumetric and gravimetric dispensing

(*) depending on colorant rehology

(**) please verify compatibility with POM material and your colorants



SPECIAL MAINTENANCE-FREE BENEFITS

Air-tight Autocap

- Uniform effective sealing for maximized protection and minimized drying of the nozzles
- Precise two-phase cinematic (translation-rotation) with single linear actuator
- Wide sealing contact area for install-friendly positioning tolerance (6 mm coaxial tolerance)
- Flexible lip sealing principle allowing high tolerance for angular misalignments and upper end-stroke engagement point
- Coaxial soft engagement of dosing head from underneath, no side impact
- 2-fingers easy-is/easy-out cap snap-clamp support

Self-Humidification System

- Self-production of distilled water by controlled condensation from the atmosphere for fully automated self-humidification feature
- Completely automated fully programmable procedure for customized “Set & Forget” use
- Automated Self-refilling of the cap controlled by min/max level sensors
- Refill liquid reservoir tank for immediate always-ready cap humidification with min/max level sensors for system control status
- Lateral hose for reservoir tank manual refilling in cases where water can't be used for humidification

Foldable lateral shelves (option)

- Side shelves 90° tiltable downwards for ergonomic refilling procedure, also when the machines is not laterally accessible in the point of sale
- Safe ergonomic two-hands-one-push tilting mechanism

Canister level control (option)

- Colorants level detection by contactless magnetic sensing between external adhesive sensor stripes and free internal magnetic float
- Sensor engagement allowed by stirrer rotation
- (1 impulse per turn), achieving an encoder-like accessory effect on the stirrer motors: automatic detection of a faulty motor
- Selective stirring feature included in the sensing electronics

Revised reversed pumping group

- Simultaneous dispensing by piston pumps in stainless steel
- Pump can be easily replaced by Customer 77” only and do not need re-calibrations after replacement: Plug and Go!
- Have much lower wear than gear pumps and up to 8 colorants dispensed at same time

Back electrical cabinet

- Back electrical Cabinet position for immediate access and easy maintenance
- Protected, clean and safe area all-in-one rack
- Rear door panel includes all electronic components in one board, no other components outside
- Cables protected by specifics guides that runs laterally in the frame of the machine
- Forced ventilation and air vents for proper heat flow and optimized thermal field

