

ARE **YOU** READY  
TINTV



**TINTING** INTELLIGENCE **5.0**

 **Collomix**

# TINTING INTELLIGENCE 5.0

## DISPENSER TECHNOLOGY WITH 5 CONVINCING FEATURES

**TINTA is a new, forward-looking generation of dispensers featuring outstanding innovations from Collomix.**

For both future and current tinting systems the machine offers a quantum leap in terms of performance, precision and reliability.

### 1.0 SIMPLE

An extremely compact machine concept based on a modular design that sets new standards for operation, ergonomics, processing speed and routine maintenance.

### 2.0 CLEAN

The patented recirculation system reduces the amount of waste paste to a minimum; paste can be refilled without soiling the surrounding area.

### 3.0 RELIABLE

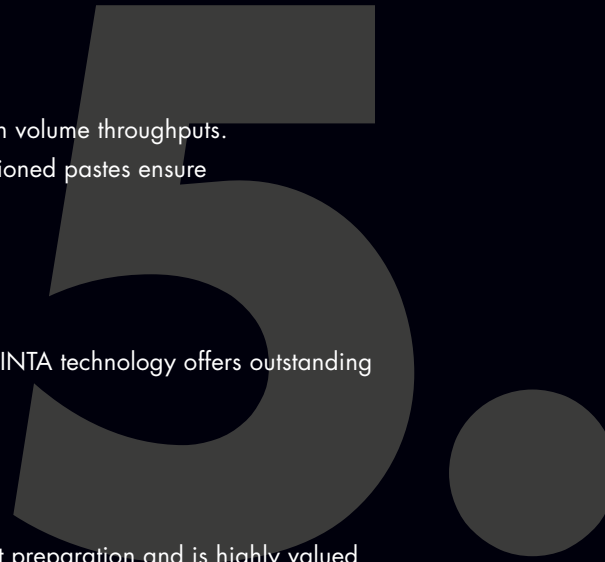
Maximum process reliability and consistent results with high volume throughputs. High-quality technical components and permanently conditioned pastes ensure constant readiness for operation.

### 4.0 LOW COST

Even state-of-the-art technology must come at a fair price. TINTA technology offers outstanding value for money.

### 5.0 INNOVATIVE

Collomix has decades of experience in the market for paint preparation and is highly valued for its outstanding technological products.



# REVOLUTIONARY NEW TECHNOLOGIES

## TINTONE

The centerpiece of the dispenser is the self-contained paste recirculation system. The colorants are kept in motion in an integrated pumping process without a trouble-prone mixing unit, thereby preventing the sedimentation of the constituents. At the same time the sealed airtight canister also prevents the paste liquid evaporating. A multifunctional multi-port valve allows different flow directions for the pastes: for suctioning, for dosing or for recirculating in the canister. The paste is therefore maintained in perfect condition for processing at all times, for high precision, calibration-free and simultaneous dosing.

Another feature is the compact design of the storage canister. In addition to holding the colorant, it also provides the support for the piston pump, the valve and the control elements.



## COOLNOZ

generates a precisely balanced microclimate inside the tip of the dosing nozzle. The use of what is known as "dew point technology" prevents the exchange of moisture with the surrounds and therefore prevents any liquid evaporating from the paste. As a result, the colorant is always moist and fluid at the nozzle outlet. This technology eliminates the need for problematic retaining mechanisms for the nozzles. The need for purging, also wasteful of paste, is largely eliminated too, reducing the amount of wasted paste by up to 90%.

## MOVENOZ

The movable dosing head is adjusted to the height of the container, with the container table holding the heavy tub kept at a constant height. This makes it easier to handle the tub containing the material to be mixed and helps get each job completed more quickly. For even better work ergonomics, an optional roller conveyor is also available for connecting between the TINTA and the Collomix ROTA and VIBA mixers.

# SIMPLE

# 1.0

## **SIMPLYCOMPACT** ■

The "TintONE" module in the shape of a system unit with a canister for colorants with an integrated piston pump, multi-port valve and control unit. Simply connect the supply hose and the plug for the control bus and you are ready. The paste circulates in the sealed airtight canister without a mixing unit and therefore retains its characteristics.

## **SIMPLYERGONOMIC** ■

The movable "MoveNOZ" nozzle head can be conveniently adjusted to the right height of the paint tub. The container table holding the heavy tub does not have to be moved at all. All parts of the machine are easy to reach and the canister is at a convenient height for refilling.

## **SIMPLYMODULAR** ■

The dispenser is compact and modular in design and holds 16, 24 or 32 canisters with capacities of 2.5 or 5.0 liters. Simple to convert retrospectively for other canister sizes, and mixed canister arrangements are also possible.

## **SIMPLYQUICK** ■

Simultaneous dosing of several pastes for high outputs and quick completion of orders.



Compact, easy-to-change module with just a single hose and bus connection.



# CLEAN

# 2.0

## CLEANENVIRONMENT ■

Minimum paste wastage, because separate purging is not needed before starting work each time, meaning up to 90% savings on paste material. No mixing units to get dirty in the canister.

## CLEANREFILL ■

Simple and easy to refill the canisters with paste using a magnetic filling adapter and disposable paper funnels. Significant reduction in soiling in the work area and on the machine. Convenient filling height.

## EASYTOCLEAN ■

Conceptual design makes it easy to keep the machine clean due to the smooth surfaces of the dosing head and the stainless steel covers on the refilling openings.



CoolNOZ technology prevents paste drying on the dosing head

Convenient working height 1.20 meters



# RELIABLE

# 3.0

## RELIABLE **USABILITY** ■

The TintONE technology ensures that the pastes are in an ideal state for processing at all times in recirculation mode. Reliable piston pumps and the ceramic valves facilitate reliable operation over many years.

Good flow properties and no caking thanks to the CoolNOZ technology permit quick, high-precision dosing, even for small batch volumes. Maximum process reliability prevents formulation errors and deviations in follow-up formulations. Simultaneous dosing of several pastes delivers high outputs at the same time.

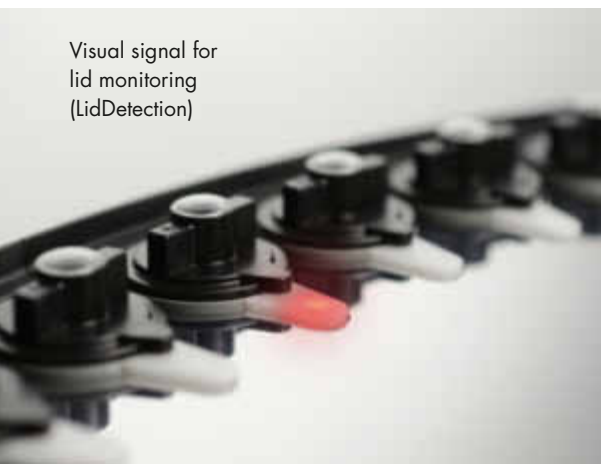
## RELIABLE **FILLING** ■

The sensor-based self-monitoring filling level prevents the canister running dry and therefore prevents interruptions to order processing. A warning is displayed if the level falls below the minimum.

## RELIABLE **CLOSING** ■

To prevent the paste drying in the canister, the lid of the canister has to be closed tightly and securely. The lid monitor (LidDetection) shows if a canister lid is not closed properly.

Visual signal for  
lid monitoring  
(LidDetection)



Ceramic multi-port valves allow three alternatives for conveying the colorants:  
1. Suctioning 2. Pumping to the dosing head 3. Recirculation within the storage container



# LOW COST

# 4.0

## **LOWPRICE** ■

TINTA offers outstanding value for money, and that starts with the attractive cost of buying the machine.

## **LOWSERVICE** ■

The new TintONE and CoolNOZ technology ensures that the paste in the canister and at the nozzle is in optimum condition at all times. This means less dirt, fewer malfunctions and a major reduction in service requirements.

## **LOWPURGE** ■

The CoolNOZ technology eliminates the need for regular purging of the nozzles – in other words, up to 90 % less wasted paste. TINTA works without mixing units on which paste can cake.

## **HIGHPERFORMANCE** ■

The new dispenser technology allows the pumps and hoses to be permanently under load while all the required pastes are being delivered at the dosing head at the same time. As a result, 80 % of all dosing operations can be completed in less than 45 seconds.



The simultaneous delivery of the required paste significantly reduces the amount of time required



TINTA is one of the lowest priced systems for simultaneous dosing available on the market

# INNOVATIVECOMPETENT

# 5.0

## INNOVATION&EXPERTISE ■

Collomix has been the recognized technology leader for four decades in machines for mixing paints and lacquers in the sales tub, in other words the complementary technology required for tinting. The initial idea for the development of the new dispenser technology came from the company's many years of experience in the market and an examination of the problem.

Many of the tinting systems available from specialist retailers are still based on concepts which are 20 or more years old. They have shortcomings in terms of their suitability for changing paste systems and in terms of operating concepts and service-friendliness.

With the TINTA, Collomix offers a completely new development based on revolutionary new principles. Such as the TintONE paste recirculation system with no mixing unit and no drying out, and the CoolNOZ nozzle cooling system, or the ergonomic MoveNOZ operating concept.

TINTA is a modular machine concept with a clear arrangement comprised of 16, 24 or 32 canisters with capacities of 2.5 or 5.0 liters. The priority for the development was focused on a simple and intuitive operating concept for the user in the store. In summary, TINTA delivers much greater formulation precision and is also more economical in operation and far more sustainable.





# CUSTOMIZED VERSIONS

The dispensers can be fitted with different equipment options according to individual requirements.

For the smallest containers (starting at 0.2 liters), the small container unloading mechanism is ideal. Label printers for the paint container are held on on a printer holder, the position of which can be varied.

## Other options (not shown)

- Mechanical punch
- Laser indicator
- Industrial PC
- Holder for barcode scanner

## Truly modular

The machine is modular in design. Versions with 16, 24 and 32 canisters are available. The capacity of each canister is 2.5 or 5.0 liters. You can switch between the required canister sizes without limitation.



VERSION WITH  
16 CANISTERS



VERSION WITH  
24 CANISTERS



VERSION WITH  
32 CANISTERS



■ Option: Small container  
unloading mechanism



■ Customized brand communication  
with eye-catching decor foils



■ A printer holder allows a label printer  
to be installed directly on the machine



# COLLOMIX MIXERS

## COMPLETE THE SYSTEM

Collomix biaxial mixers and shakers have an outstanding reputation in the market. High performance and high-quality technology deliver exceptional economy and reliability. The mixing machines offered by Collomix vary according to the size and shape of the container sizes and the viscosity of the material.

One of the top priorities for the development of the machines is to make the job of the user as easy as possible. Ergonomics, simple and understandable operator guidance and a high level of service-friendliness are a key conceptualization focus.

Over the course of their use the machines often mix hundreds of tons of material. Reliability and ruggedness are therefore of the essence. High-quality components and careful assembly ensure that these requirements are met over many, many years.

Plain and simple technology does not necessarily have to be boring. As a leading supplier we are also adventurous when it comes to design. The value of a product can also be reflected in a striking and attractive design, one which makes it a real eye-catcher.



The Clean Protect system for the mixing unit protects the drive components from dirt



# BIAXIAL MIXERS

## ROTA 400

Unique on the market in terms of design, this mixer protects the entire drive and clamping mechanism of the mixing unit against dirt generated during operation; that reduces service requirements to a minimum.

The ergonomic handling concept featuring a push-and-slide plate allows the machine to be loaded directly without strain on the back or the need to exert strength; the container is simply pushed into the Rota 400. The new integrated door disappears on the inside of the machine when opened. The functional design saves an enormous amount of space. The auto-open function opens the door automatically after mixing.

The optimized control unit - with integral printed circuit board - can now be changed quickly and easily via a simple plug-type connector. The clearly comprehensible user guidance is impressively easy to use.



### **Examples of other models available:**

TORO; VISCO; BIAx 35; BIAx 45;  
BIAx 45 S; BIAx 45 P



# SHAKERS

## VIBA 300

The structural design of the mixing unit provides protection for the threaded spindles and the clamping mechanism against unintended dirt; that reduces service requirements to a minimum.

The high level of mixing efficiency of the VIBA, resulting from its high speed and displacement, is unique in the market. There are many materials that can only be mixed by the VIBA 300. The new integrated door disappears on the inside of the machine when opened. The functional design saves an enormous amount of space. The auto-open function opens the door automatically after mixing.

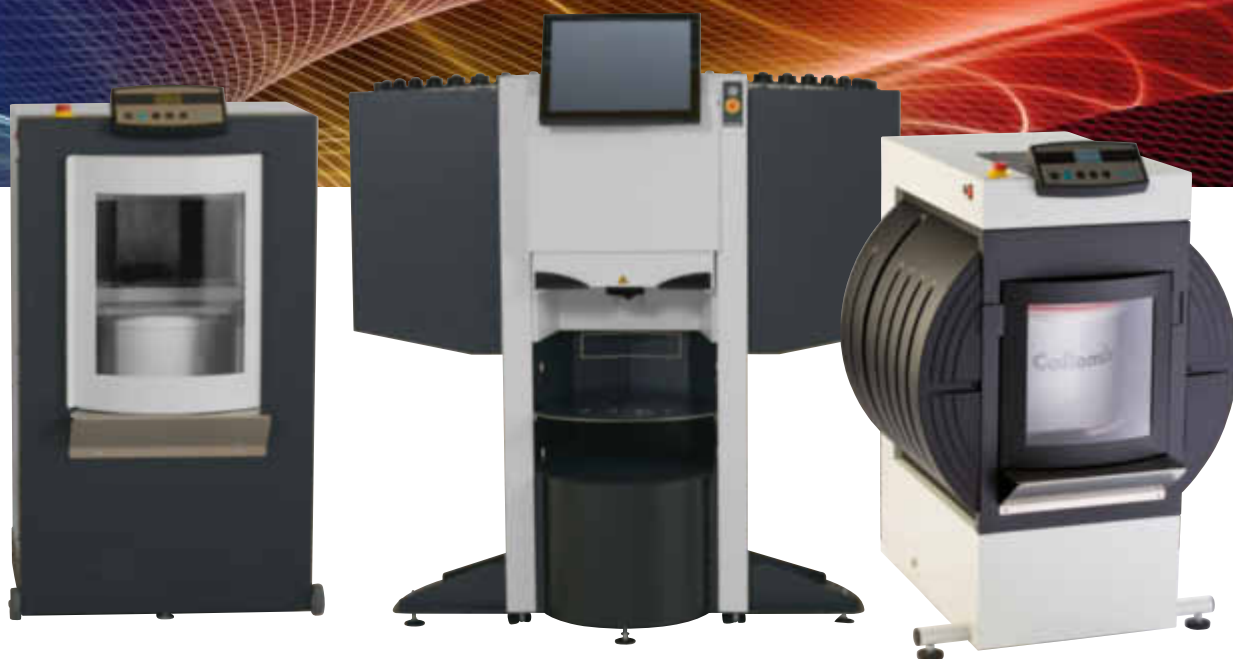
Just like on our biaxial mixers, we use our new control unit with clearly comprehensible user guidance here too.

### **Examples of other models available:**

AGIA 200; VIBA 330

# COLLOMIX MIXING SYSTEM

With the TINTA paste dispenser and one or more mixers, Collomix offers a complete mixing system for retailers of innovative features and maximum economy. So that you can concentrate on what counts: selling perfect paint!



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