

The background of the top half of the slide is a blurred industrial scene featuring large metal tanks and pipes. Overlaid on this is a large, stylized logo for 'EASYPAINT DISPENSING SYSTEMS'. The word 'EASYPAINT' is in large, bold, multi-colored letters (red, orange, yellow, green, blue), and 'DISPENSING SYSTEMS' is in smaller, black, sans-serif capital letters below it.

# EASYPAINT

INKMAKER SOLUTION TO  
**SIMPLIFY** YOUR SMALL  
ORDERS SECTION



*Perfection in Precision*

# CONCEPT

## INKMAKER SOLUTION TO SIMPLIFY YOUR SMALL ORDERS SECTION

The **EASYPAIN**T concept represents the most flexible and complete range of automatic dispensing solutions, all tailored-made to meet your desired targets of performance and productivity while maximizing available space and minimizing manpower.

**EASYPAIN**T is an automatic, integrated dispensing system designed to increase productivity and reduce operational costs.

With **EASYPAIN**T you can have unlimited colours, achieve faster production, eliminate post-production QCs and guarantee colour matching perfection.

**EASYPAIN**T is ideal for the most demanding working environments: from factory production facilities to large volume paint stores/warehouses.

**INKMAKER** offers several flexible and adaptable platforms, combining different dispensing technologies, gravimetric or volumetric, based on specific circumstances and requirements.

Performance and productivity are always assured with a clever combination of dispensing technology and stock management, to maximise productivity while facilitating work flow, easiness of operations and overall ergonomics.

## APPLICATIONS

With the multiple technical solutions available, we can cover specific business applications, ranging from:

- Decorative paint
- Industrial coating
- Marine coating
- Wood coating
- Car refinish

## BENEFITS

Flexibility in colours' demand: all colours are available anytime and in the required quantity; over-makes and off-shade productions are finally gone.

Stock is reduced and rationalised, waste is a thing of the past.

Floor space is optimized

With software controlled operations, plant productivity is boosted and labour cost is reduced.

Every **EASYPAIN**T is fast, accurate, reliable and, most importantly, tailor-made to each customer's specific requirements!

# HOW DOES IT WORK?

Bases and colourants are stocked in dedicated containers and through a custom-designed piping network they are transferred to the dispensing heads. Bases are dispensed first, followed by the colorants. The operations are based on pre-determined formulations and they are performed with the highest possible accuracy. **EASYPAIN**T can handle both water based as well as solvent based products (**ATEX** or **IEC-EX** version)

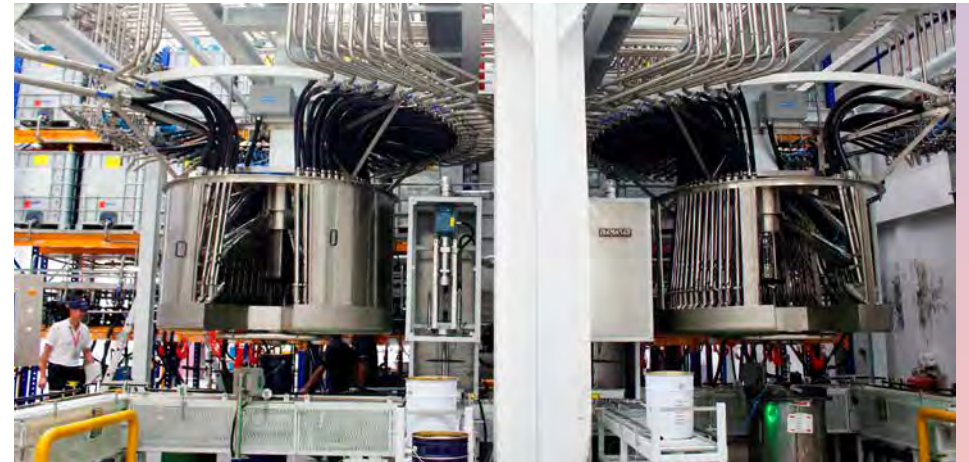
There are **TWO** major **EASYPAIN**T families:

## EASYPAIN IN-BATCH

### Working procedures:

- The operator positions an empty vessel under the bases dispensing head and another empty container under the colourants' dispensing head.
- Both dispensing operations will take place simultaneously.
- Once both are completed, the operator pours the colourants into the bases' vessel.
- The finished product can now be mixed, packaged and it is ready for delivery.

With our **EASYPAIN IN-BATCH**, 1000 liters of finished product can be dispensed, colour-matched, mixed and packaged within 1 hour.





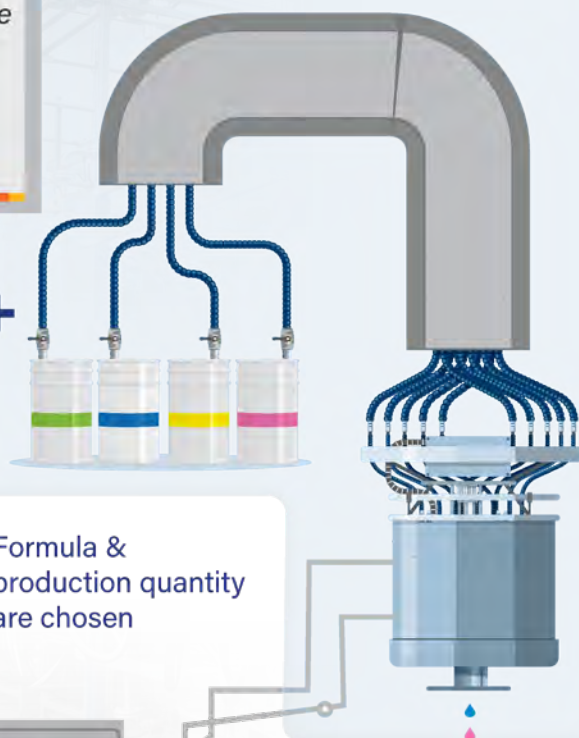
# EASYPAIN™ IN-BATCH

## [COLOURANTS' SYSTEM]

Colourants' storage tanks can vary in number and size following client's requirements



+



- 1 Formula & production quantity are chosen



32 kg high accuracy scale



- 2 Bases and colourants are first dispensed into empty containers



- 3 The operator takes the colourants and pours them into the bases' vessel



3 tons floor scale



- 4 Using a forklift, the operator takes the coloured base to the mixer



## [MULTIPLE BASES SYSTEM]

Bases' storage tanks can vary in number and size following client's requirements

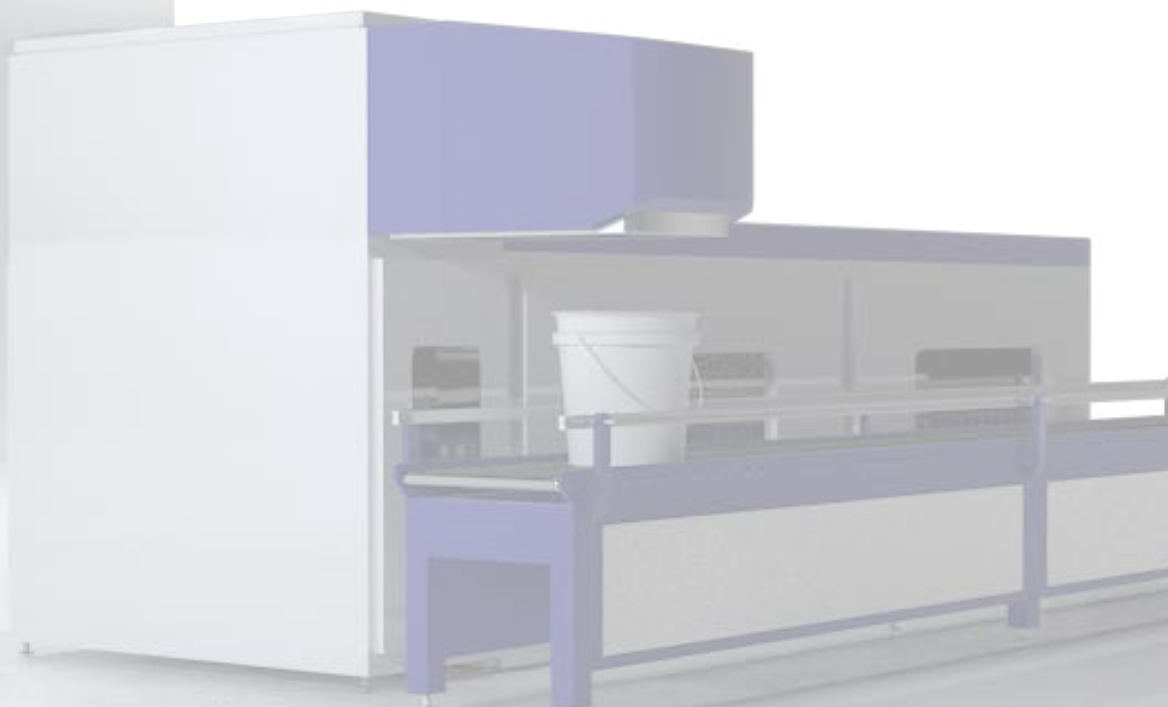


10.000 L - 15.000 L

# EASYPAIN<sup>TM</sup> IN-CAN

## Working procedures:

- An empty container is placed under the bases' dispensing head. Bases will be dispensed first.
- Once this first process is completed, the container is moved, manually or automatically, under the colourants' dispensing head for the tinting operations.
- The container is then moved, manually or automatically, to the mixers.
- The finished product is now ready for delivery





# EASYPAIN IN-CAN

## [MULTIPLE BASES SYSTEM]

Bases' storage tanks can vary in number and size following client's requirements

10.000 L - 15.000 L

2 Bases are first dispensed into an empty container

## [COLOURANTS' SYSTEM]

Colourants' storage tanks can vary in number and size following client's requirements

3 Colourants are then accurately dispensed

4 Additional features can be included: automatic mixer, lid dispenser, lid closing, label printing...

5 The product is ready for delivery

1 Formula & production quantity are chosen



EASYPAIN T

**"GG WB" - "GG EX"** (Ex version)*Multiple bases - big packaging size*

GG WB / GG EX	Bases	Colourants
Dispensing system	Gravimetric	Gravimetric
Max No. of bases	Up to 48	Up to 32
Valves' size	Up to DN32	Up to DN18
Pumps type	Pneumatic	Pneumatic
Pumps' size	Up to 2"	Up to 2"
Dispensing precision	Up to $\pm 1$ g	Up to $\pm 0.1$ g

EASYPAIN T

**"GV WB" - "GV EX"** (Ex version)*Multiple bases - medium packaging size*

GV WB / GV EX	Bases	Colourants
Dispensing system	Gravimetric	Volumetric
Max No. of bases	Up to 48	Up to 16 + 16
Valves' size	Up to DN32	-
Pumps type	Pneumatic	-
Pumps' size	Up to 2"	0.2 L/min - 0.4 L/min - 2 L/min
Dispensing precision	Up to $\pm 1$ g	0.2 L/min: 1/768 fl oz 0.4 L/min: 1/768 fl oz 2 L/min: 1/96 fl oz
Minimum drop	1 g	0.2 L/min: 0.038 cc 0.4 L/min: 0.038 cc 2 L/min: 0.3 cc

## EASYPAIN T

**"VV WB" - "VV EX"** (Ex version)*Multiple Bases - Small Packaging Size*

VV WB / VV EX	Bases	Colourants
Dispensing system	Volumetric	Volumetric
Max No. of bases	Up to 8	Up to 16
Pumps' size	2 L/min	0.2 L/min - 0.4 L/min - 2 L/min
Dispensing precision	2 L/min: 1/96 fl oz	0.2 L/min: 1/768 fl oz 0.4 L/min: 1/768 fl oz 2 L/min: 1/96 fl oz
Minimum drop	2 L/min : 0.3 cc	0.2 L/min : 0.038 cc 0.4 L/min : 0.038 cc 2 L/min : 0.3 cc

## EASYPAIN T

**"S-GV WB" or "S-VV WB"**  
**"S-GV EX" or "S-VV EX"** (Ex version)*Single base - multiple size packaging*

S-VV WB / S-VV EX	Bases	Colourants
Dispensing system	Volumetric	Volumetric
Max No. of bases	1	Up to 16
Pumps' type	Pneumatic	-
Pumps' size	Up to 2"	0.2 L - 0.4 L - 2 L p/min
Dispensing precision	±0.3%	0.2 L/min: 1/768 fl oz 0.4 L/min: 1/768 fl oz 2 L/min: 1/96 fl oz
Minimum drop	-	0.2 L/min: 0.038 cc 0.4 L/min: 0.038 cc 2 L/min: 0.3 cc

S-GV WB / S-GV EX	Bases	Colourants
Dispensing system	Gravimetric	Volumetric
Max No. of bases	1	Up to 16
Valves' size	DN25/DN40	-
Pumps' type	Pneumatic	-
Pumps' size	Up to 2"	0.2 L - 0.4 L - 2 L p/min
Dispensing precision	± 10 g	0.2 L/min : 1/768 fl oz 0.4 L/min : 1/768 fl oz 2 L/min : 1/96 fl oz
Minimum drop	10 g	0.2 L/min : 0.038 cc 0.4 L/min : 0.038 cc 2 L/min : 0.3 cc

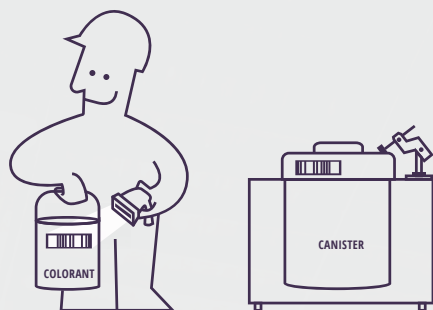




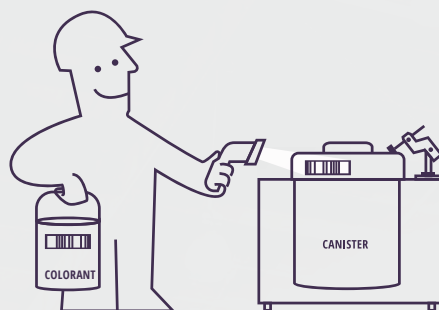
# COLOURANTS' CANISTERS

Available sizes	Shape	Material	Built-in agitators	Recirculation	Loading system	Loading safety interlock	Auto refill from external storage
10L	Cylindrical	S/S AISI304	Yes	Yes	Manual	Upon rq	Upon rq
20L	Cylindrical	S/S AISI304	Yes	Yes	Manual	Upon rq	Upon rq
50L	Cylindrical	S/S AISI304	Yes	Yes	Manual	Upon rq	Upon rq
100L	Cylindrical	S/S AISI304	Yes	Yes	Manual	Upon rq	Upon rq

## ■ How our *Loading Safety Interlock* works



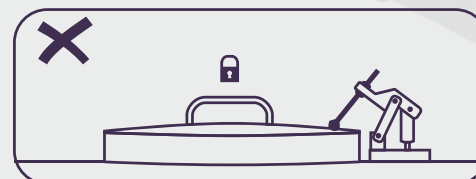
The operator wants to charge a new colourant in the **Easypaint**. To do so, first he needs to scan the bar-code of the fresh colourant



Then, he must scan the bar-code attached to the canister of the **Easypaint** system.



If the correct canister is selected, the lock opens automatically and the operator can perform the refilling operation.



On the contrary, if the wrong canister is selected, the lock remains closed thus preventing very costly mistakes.



*Perfection In Precision*

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[www.inkmaker.com](http://www.inkmaker.com)

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