



ColorService[®]

DOSING TECHNOLOGIES

Designed & Manufactured in Italy

THE FUTURE OF MAST ERBA TCH

AUTOMATED PRODUCTION



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AUTOMATIC DISPENSING SYSTEM



WHO WE ARE

Leading developer and manufacturer of **automatic dispensing systems** for both **powder and liquid ingredients**.

For masterbatch production, **our systems** can handle and **dispense** automatically **pigments, polymers, additives** and **oils**.

Color Service systems **automate and streamline manual weighing**, reduce waste, and enhance accuracy, safety and traceability.

Every Color Service system is engineered to ensure **precise dispensing, hygiene, compliance** and **repeatable results**.

WHERE COLOR SERVICE FITS IN THE MASTERBATCH PRODUCTION PROCESS

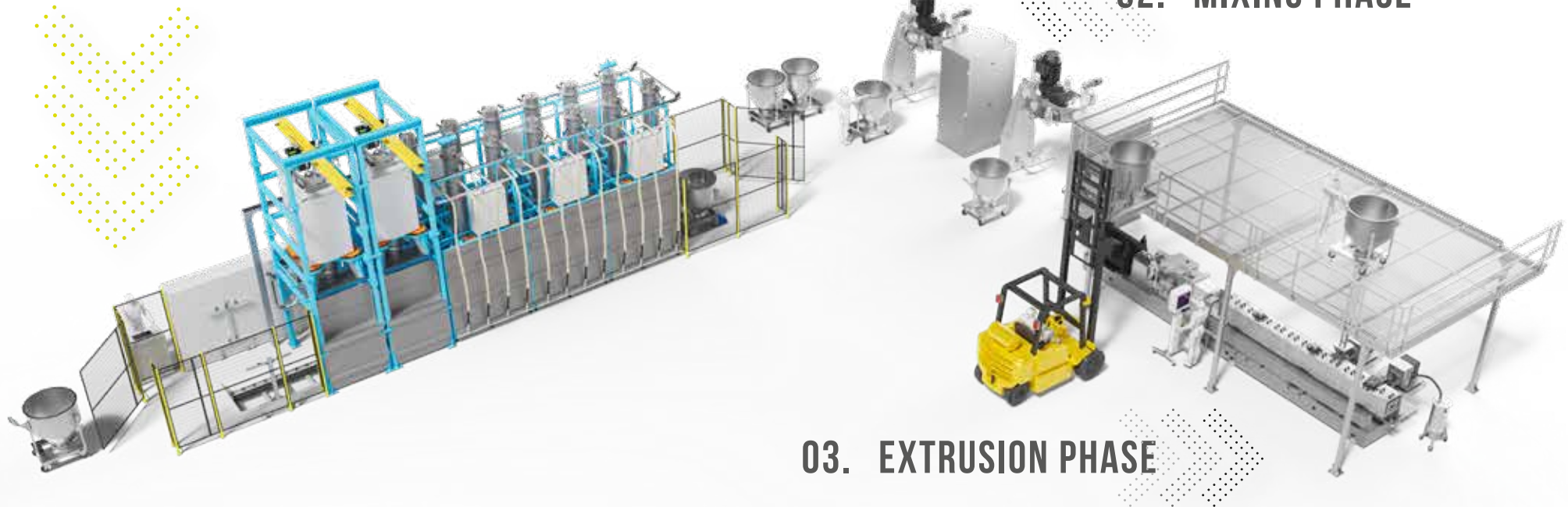
AUTOMATIC DISPENSING SYSTEM FOR PIGMENTS, ADDITIVES, POLYMERS AND OILS

Our systems help **pigment**, **additive**, and **polymer** workflows move from formula to extrusion with precision and speed.

01. PRE MIXING BATCHING PHASE

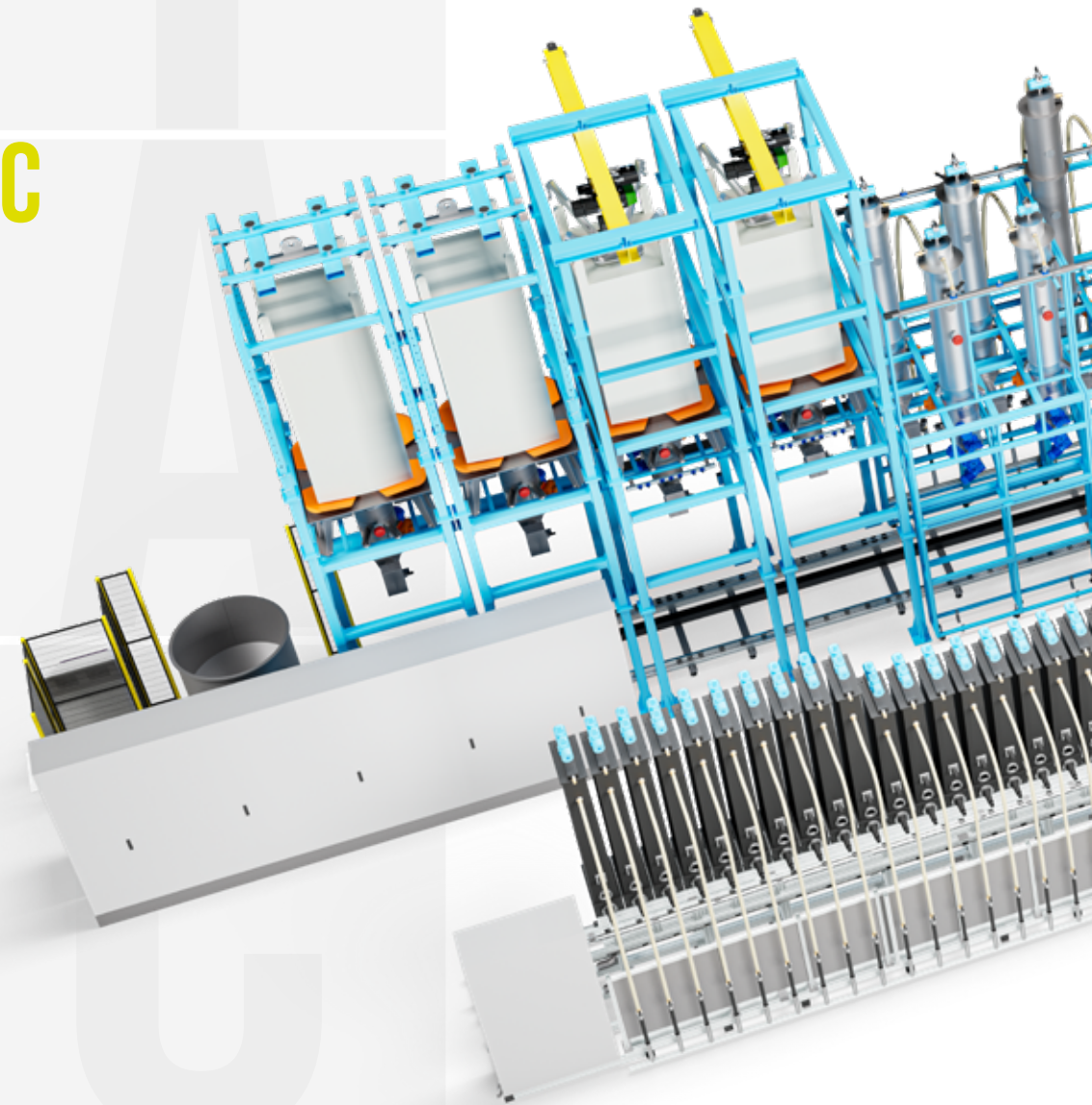
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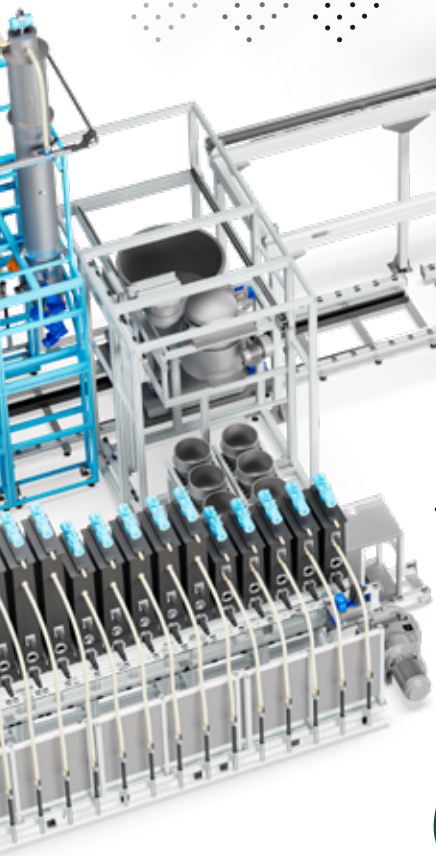
OUR AUTOMATIC DISPENSING SYSTEM

1 AUTOMATIC
ADDITIVES
DISPENSING



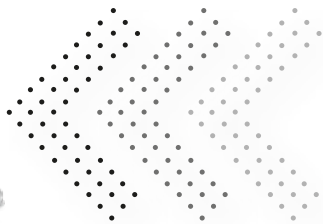
2

**AUTOMATIC
POLYMERS AND
OILS DISPENSING**



3

**AUTOMATIC
PIGMENTS
DISPENSING**



4

**MINOR USED
CHEMICALS
DISPENSING**



02

BATCHTRAIN

**ADDITIVES, POLYMERS, AND OILS
AUTOMATIC DISPENSING SYSTEM**



Quick specs
capacity

UP TO
20
BATCHES/
HOUR

Accuracy
of dosing

UP TO
1_{gr}
SCALE
ACCURACY

Dimension
of machine

2X20X4
meters
for
10
products



ALL THE FEATURES +

The **BATCHTRAIN** is an advanced, **fully automatic dispensing system** designed for high-throughput batch preparation. It efficiently handles multiple components with precise weighing, ensuring contamination-free operations. The system's modular design allows for scalability and customization to meet evolving masterbatch production requirements.

CERTIFICATION



OPTIONS

- AUTOMATIC PIGMENTS ADDITION

DOSING RANGE

0,1 KG TO 1000 KG

MATERIALS SUPPORTED

POWDERS, GRANULES, ADDITIVES, POLYMERS, OILS

INTERFACE

PLC/TOUCHSCREEN WITH LIVE WEIGHT FEEDBACK, ERP CONNECTION

FOOTPRINT

TABLETOP OR FREESTANDING MODULAR BASE

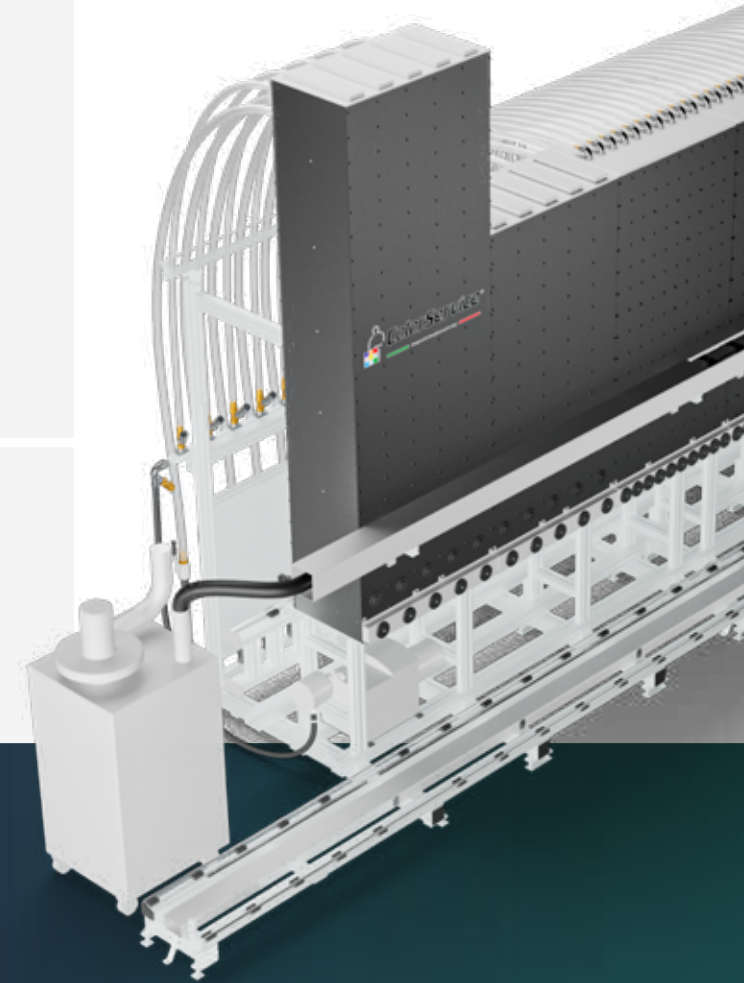
BATCH GUIDANCE

OPERATOR PROMPTS VIA TOUCHSCREEN HMI

ICON

PIGMENTS AUTOMATIC DISPENSING SYSTEM

1. Handling and storage of pigments
2. Accurate dispensing of multiple pigments
3. Delivery of the final recipe to container mixer



Quick specs
capacity

UP TO
40
BATCHES/
HOUR

Accuracy
of dosing

0.1 gr
0.01 gr
High precision -
dedicated scale

Dimension
of machine

2X10X4
meters
for
36
products



ALL THE FEATURES +

The **ICON automatic dispensing system** is designed for production environments where high weighing frequency, precision, and accuracy are critical. Thanks to its vacuum-assisted loading, ICON is ideal for dust free handling of low density and other materials. Its **modular and scalable** architecture allows the system to expand with the customer's production needs.

CERTIFICATION



OPTIONS

- AUTOMATIC BAG SEALING
- MANUAL WEIGHING COMBINED WITH ASRS

DOSING RANGE

0,001 KG TO 100 KG PER CYCLE

MATERIALS SUPPORTED

POWDERS, GRANULES, PIGMENTS

SCALABILITY

SUPPORTS MULTIPLE BINS AND DOSING HEADS

TRANSFER METHOD

VACUUM AND GRAVITY-FED OPTIONS

FOOTPRINT

CONFIGURABLE (SINGLE OR MULTI-HOPPER CONFIGURATIONS)

AUTOMATION

COMPATIBLE WITH PLC, SCADA, MES PLATFORMS, ERP CONNECTION



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