



# HERO

MAKE INNOVATION

EMEA DIVISION

The logo for HERO, featuring the word "HERO" in a bold, sans-serif font. The letter "H" is black, "E" is grey, "R" is black, and "O" is a grey circle with a small black dot on its left side.

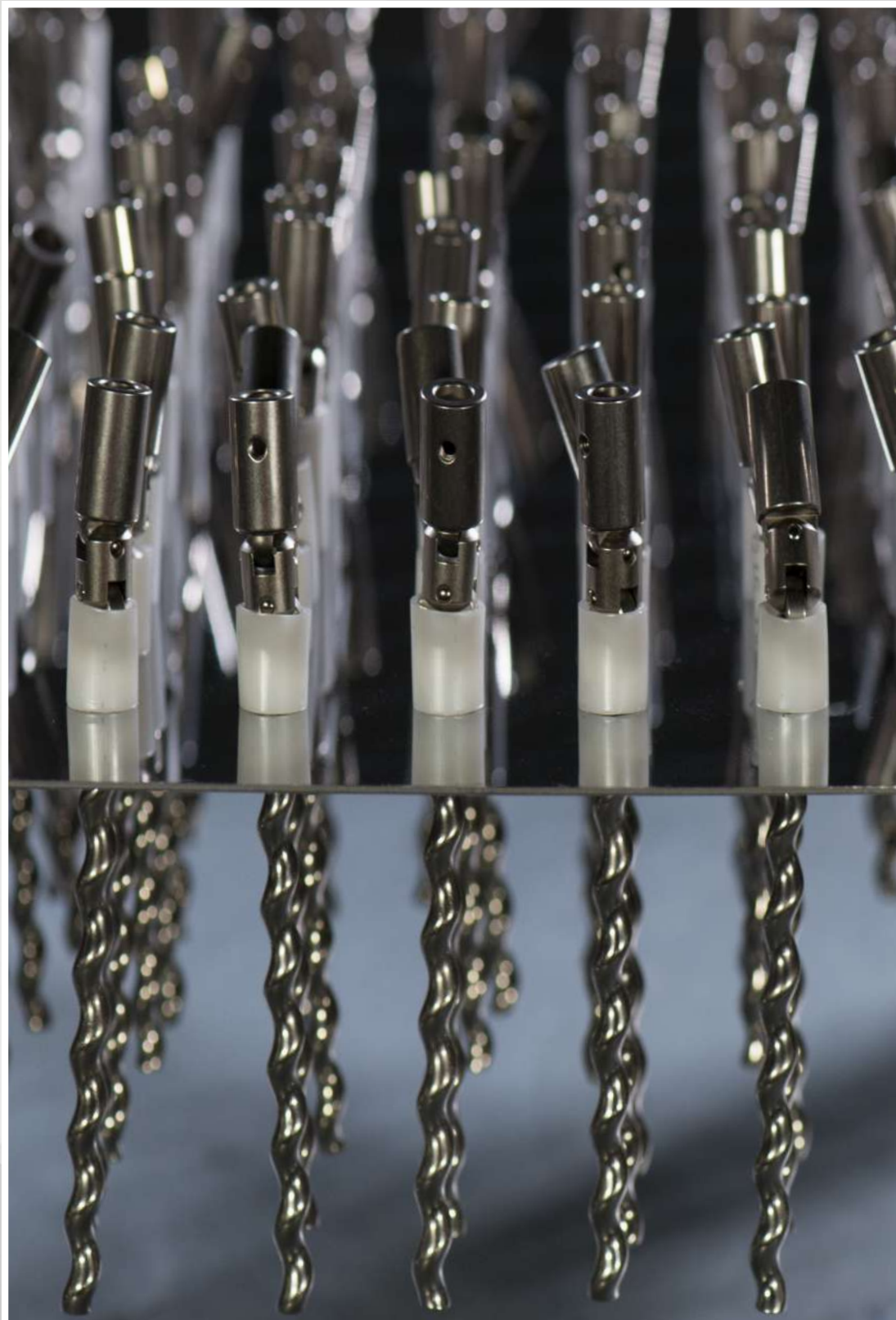
**HERO**

MAKE INNOVATION

[www.hero.ca](http://www.hero.ca)

“Our vision is to create innovation in dosing and mixing systems, with the aim to become a leader in the market.”

*Alessandro Sacchet*  
*Managing director*



# MISSION

## MISSION

Hero is mainly engaged in the design, development, manufacture and distribution of mixing and dosing equipment, capable of meeting the different needs of the global market of the paint, automotive, chemistry, pharmaceutical and cosmetic industries.

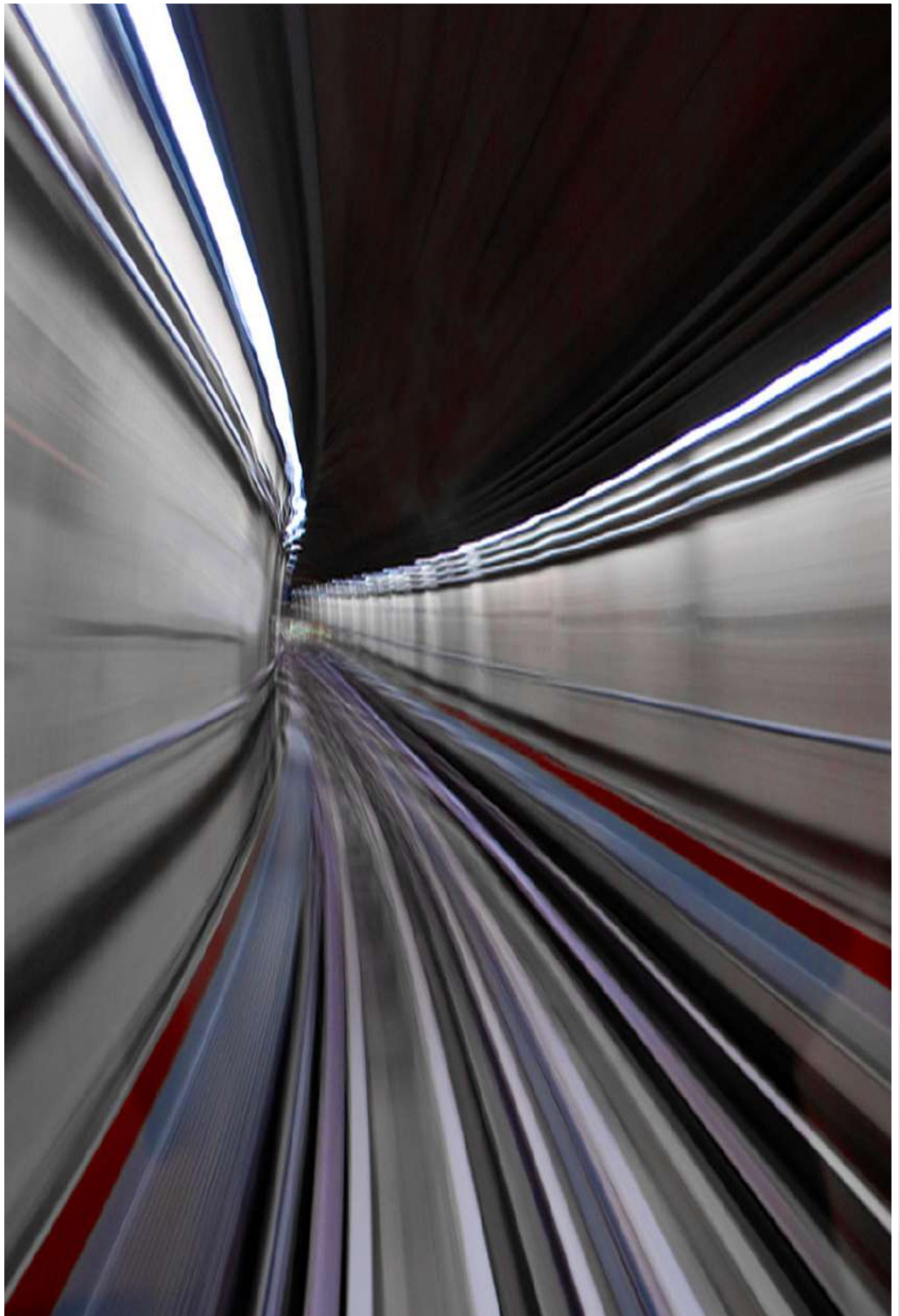
Hero is also supplier of comprehensive services both for the design and technical support provided to customers worldwide.

# VISION

## VISION

Our vision is to create innovation in dosing and mixing systems, working hard to become a leader in the market.





# VALUES

Our values are the principles we believe in and the pillars of our company. We develop our work, we set priorities and we make decisions based on them:

**INNOVATION & SPEED:** being always one step ahead.

**EXPERIENCE AND SOUNDNESS:** the courage to make a better future starting from the past.

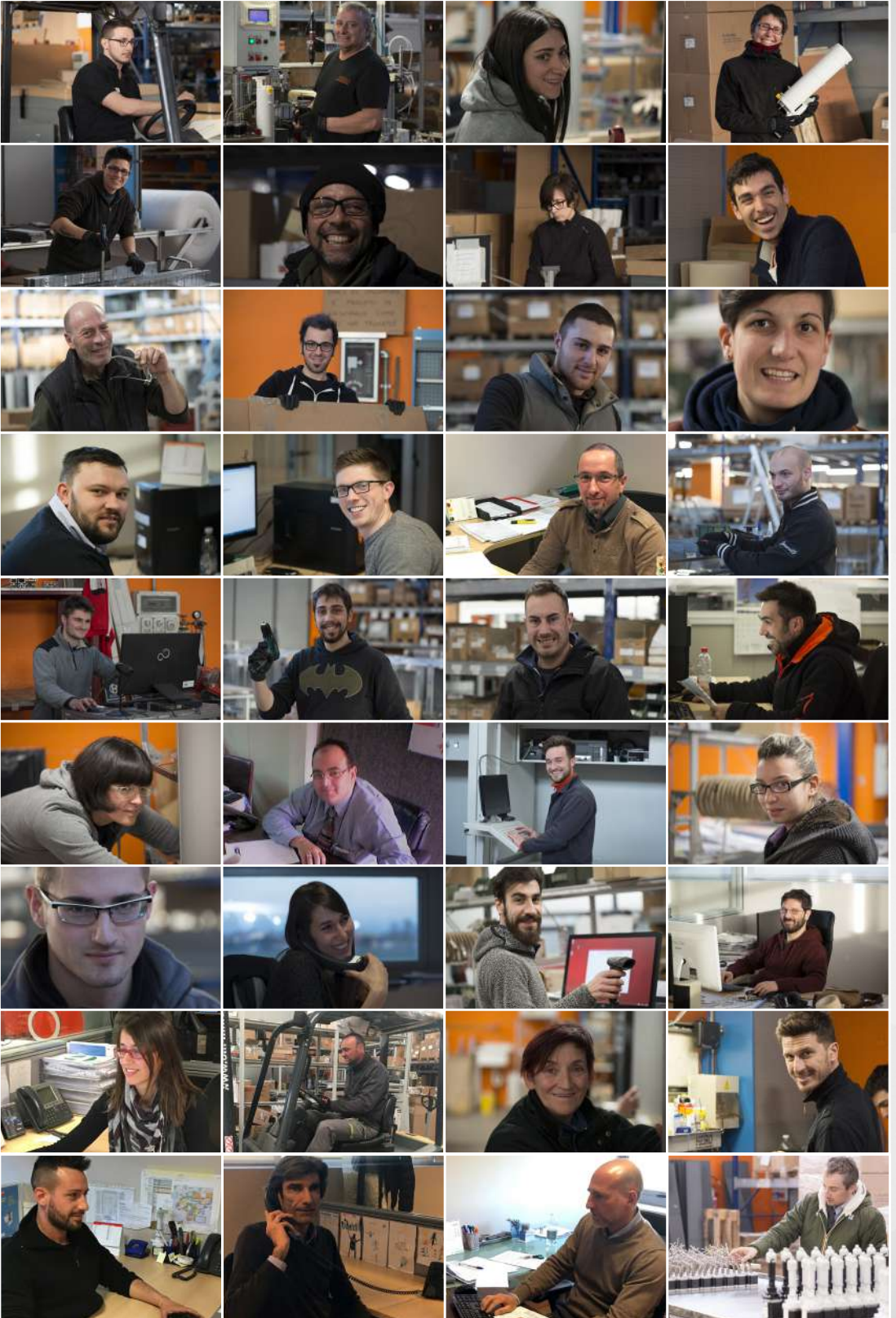
**SIMPLICITY:** make the most sophisticated technologies easy.

**COMPETENCE, DETERMINATION AND PRAGMATISM:** enhance team-work.

**INTEGRITY, LOYALTY AND HONESTY:** be authentic, real and clear.



images related to the HERO EMEA team







# TEAM

People are the main players in HERO growth. A professional team committed to secure **innovation, quality** and **services** on a daily basis in accordance with the values of our company.

The strength of HERO team is to put together a wide range of expertise in the field of mechanics, electricity, fluid dynamics and ICT.



HERO  
MAKE INNOVATION

# HISTORY

**1969:** HERO is founded in Canada as a manufacturer of airless paint sprayers for North American markets

**1977:** HERO enters into an agreement with “Strastint”, an Australian manual dispenser manufacturer, for the distribution throughout North America

**1994:** HERO manufactures its first manual dispenser (Series 2000)

**2003:** NiT is founded in Italy by Alessandro Sacchet for the production of POS and in-plant automatic dispensers

**2004:** NiT manufactures TEO, the first entry-level dispenser

**2007:** HERO and NiT combine their experiences and innovation to build a global company able to lead the market

**2015:** HERO becomes a 100% Italian-capital multinational company

**2017:** the HERO Marketing & Communication Division is launched starting from the company new identity to face global challenges

# HERO PLUS

## **PROGRESSIVE CAVITY PUMP**

HERO has enriched the market with a new dosing technology based on the use of progressive cavity pumps (PCP), one of the best technology currently available in the field.

Progressive cavity pumps (PCP) are particularly accurate and reliable fluid management devices that manage the typical problems of the pigment pastes for paints, also under severe working conditions.

The operating principle makes it possible to simplify the dosing circuit reducing it to a single component that performs the dual function of a (reversible) pump and a valve.





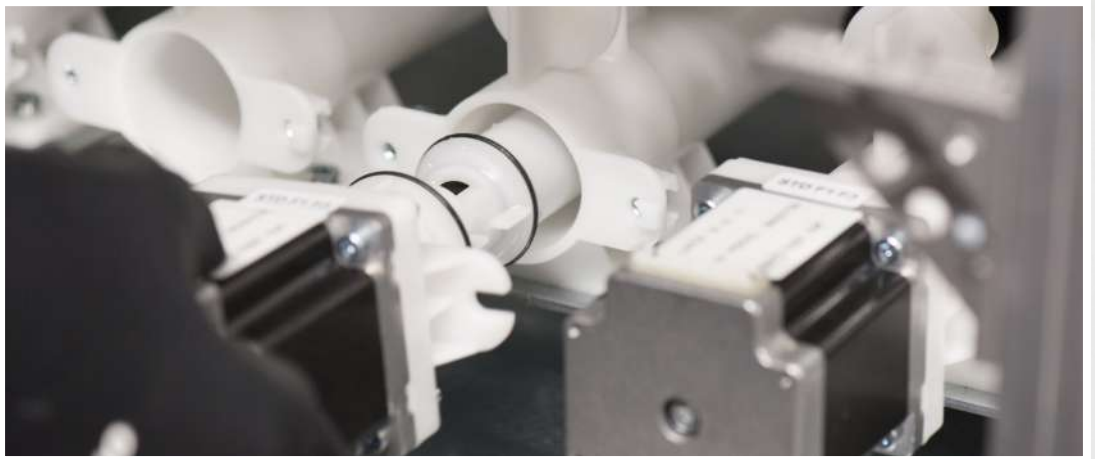
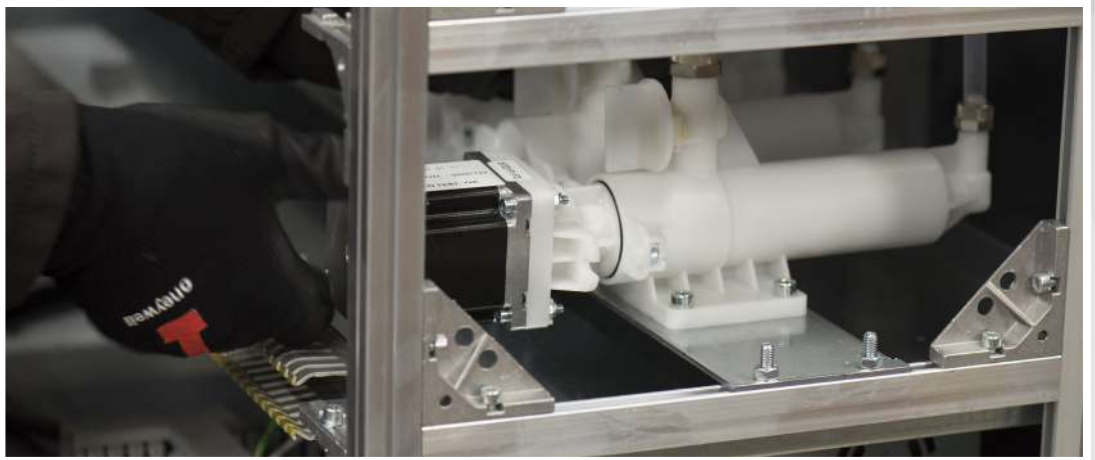
# HERO PLUS

## **TOTAL COST OF OWNERSHIP (TCO)**

HERO was the first company in the market to provide a solution that integrates the multiannual management of the maintenance in the equipment cost.

This ever-changing technology ensures an excellent level of reliability, repeatability and precision.

Thanks to the progressive cavity pumps (PCP), the periodic calibration of circuits is no longer needed.



# 03

## HERO PLUS

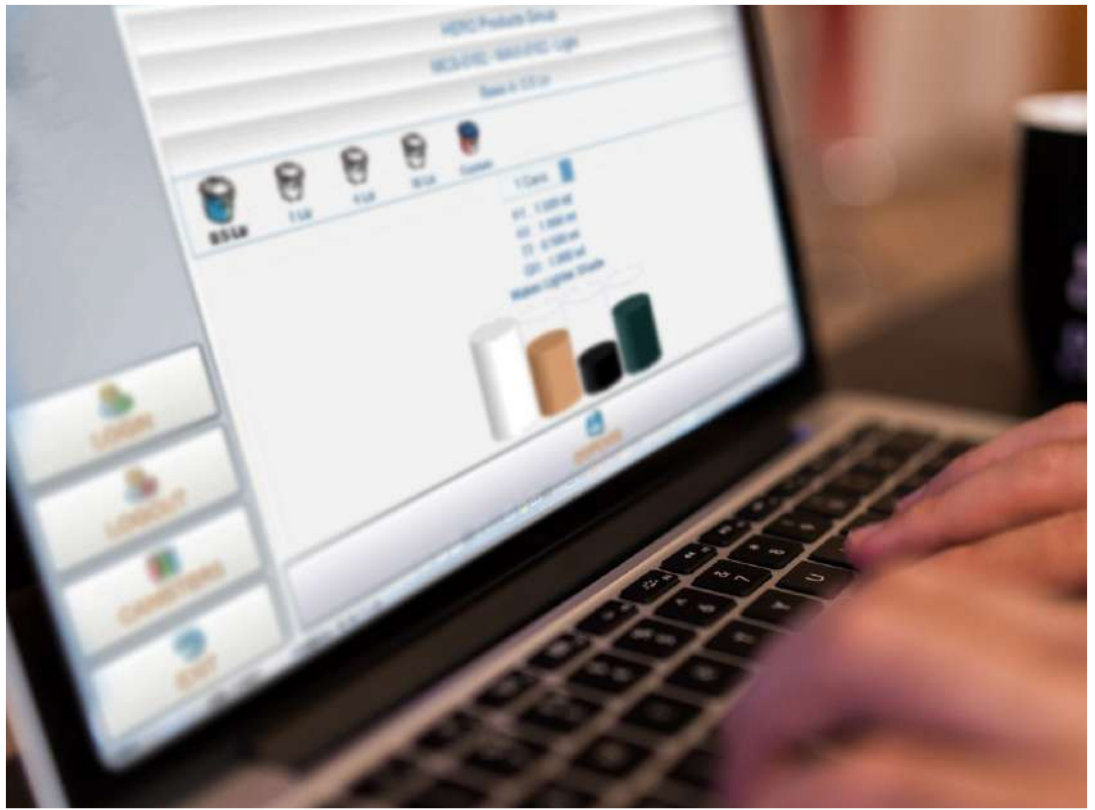
### **SOFTWARE**

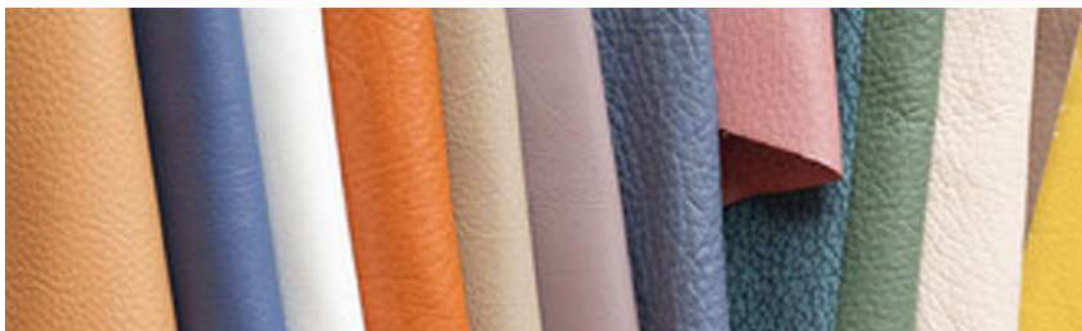
HERO has created TintWise™: a control and management software of the machine that is also one of the best user-friendly POS software.

Being developed in-house, it provides a comprehensive management of statistics data, an easy management of databases and formula updates.

It is also possible to interface it with most of the software for colorimetry in the POS applications, formula database management software and automated tinting management applications.







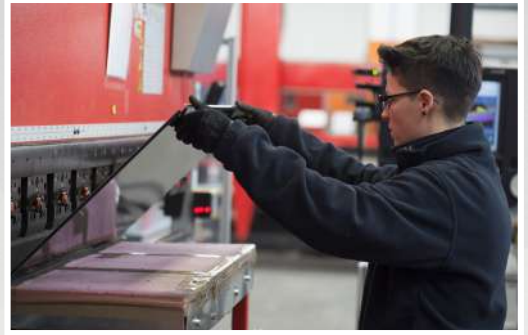
# TARGET

## OUR TARGET MARKET



HERO has over 1,200 customers worldwide, offers innovation and grants reliability in providing solutions for dosing and mixing in a variety of sectors.







# PRODUCTION CYCLE





# PATENTS

Quality, innovation and the continuous research to simplify the equipment use are the objectives of HERO R&D Division.

HERO protects its innovations through the registration of international patents.



# PRODUCT MIX

## THE ARCHIMEDE FAMILY

Automatic dosing system with patented progressive cavity pump (PCP) technology.

The Archimede family ranges from the smallest automatic mixing device in the world, that is about the size of a printer, also used in labs for its high accuracy and gravimetric dosing capability, to the high-performance tinting machine featuring simultaneous dosing.

The A100 with its shaker-equipped version, named Pitagora (AS100), is a unique piece of equipment that optimizes spaces in the point of sale.

### PLUS

- minimum dosing amount 1/1000 fl. oz. (0.03 ml)
- up to 24 canisters
- recalibration NOT necessary
- easy-to-refill canisters
- laser pointer
- Ethernet connection and wireless compatible
- the world's most compact tinting and mixing machine set (AS100)





**A100**  
Compact

**A201**  
Sequential

**A251**  
Simultaneous



**AS100**  
Two in one

# PRODUCT MIX

## THE EUREKA FAMILY

Automatic dosing system with patented progressive cavity pump (PCP) technology.

Suitable for a medium-sized point of sale, the Eureka is the most flexible automatic tinting machine in the market as it allows a sequential, simultaneous and gravimetric dosage (also in combined mode) of any type of pigment pastes, complying with the minimum dosing of 1/1000 fl. oz. (0.03 ml).

Pumps may be interchanged quickly and easily, doubling productivity for every single circuit through a replacement of a standard pump (0.3 L/min) with a hi-flow pump (0.6 L/min).

### PLUS

- minimum dosing amount 1/1000 fl. oz. (0.03 ml)
- up to 32 canisters
- recalibration NOT necessary
- easy-to-refill canisters
- Ethernet connection and wireless compatible
- each circuit may be customized with HF high flow pumps (0.6 L/min)
- easy to maintain
- dosing system for color samples



**A400**  
Sequential



**A450**  
Simultaneous

# PRODUCT MIX

## THE NEWTON FAMILY

Automatic tinting machines, equipped with progressive cavity pumps (PCP) dosing technology, protected by an international patent or equipped with gear pumps.

Suitable for a large point of sale, its module-based structure may be adapted to the needs of different users. It may be configured for combined gravimetric dosing, making it suitable for industrial use and/or to manage small factory productions.

The A950 version allows the management of color samples also by using PCP pumps (minimum dosing amount: 1/1000 fl. oz. (0.03 cc)).

### PLUS

- easy-to-refill canisters
- flexibility and modular configurations

#### A950

- minimum dosing amount 1/1000 fl. oz. (0.03 ml)
- recalibration NOT necessary
- Ethernet connection and wireless compatible
- equipped with all PCP HF high flow pumps (0.6 L/min)
- sample dosing system
- pumps may be doubled on canisters containing high-consumption of pigment pastes

#### A850

- total recirculation system with actuator on the dosing point (HERO PATENT)
- minimum dosing amount 1/384 fl. oz. (0.077 ml)
- high productivity with 1.1 L/min pumps
- total recirculation of products



**A950**  
Modular

**A850**  
With recirculation





# PRODUCT MIX

## GYROSCOPIC MIXERS

Gyroscopic mixers are available with single or three-phase inverter-actuated motors.

Strong and versatile, they allow an easy management of mixing time and a selection of three different mixing speeds.

Three different models offer a range of solution, from a manual to a fully automatic version.

### PLUS

- mixing duration may be set
- mid-cycle revolution inversion
- three speeds available
- can repositioning at the end of the each cycle
- pull-out table



**M200**  
Manual



**M250**  
Semi-automatic



**M400**  
Automatic

# PRODUCT MIX SHAKER

Automated shakers equipped with single-phase motors.

Strong and ergonomic, they easily manage mixing times.

## PLUS

- mixing durations may be set based on the size of the can
- automatic recognition of can size
- 3 different tightening strengths



**S400**  
Vibrational

# PRODUCT MIX

## IMMERSION MIXERS

Immersion mixers offer a perfect homogenization of high viscosity pastes in fluids which are often extremely pasty, such as plaster, plastic coatings or decorative dense products.

They are available in a manual version, with a quick-change of the mixing shaft mechanism, or a self-washing version.

They may be integrated with manual or automatic can handling systems.

### PLUS

- list of programs that can be set with different mixing speeds and vibration width (dynamic)
- the self-washing version allows rapid color change and limited water use
- the locking system is available for all kinds of pails in manual or automatic devices
- easy to enhance with a tinting management software



**M1200**  
Unstoppable



**M1250**  
Self-washing

# PRODUCT MIX

## IN-PLANT | CUSTOM

HERO designs and manufactures dosing and mixing equipment, both in-can and in-batch, upon request of its clients, to meet the needs of small and medium-sized productions.

### PLUS NEWTON TWIN

- dosing head for the gravimetric dosing of the paint bases
- available in different configurations
- pigment pastes dosing up to 32 circuits
- in-can production
- total recirculation system with an actuator at the dosing point (HERO PATENT)
- integration with automatic lines



## NEWTON TWIN

From A to Z



## PLUS CTM

- sequential gravimetric dosing equipped with moving dosing head
- extremely flexible use
- dosing available in all can or batch sizes
- great performance in a small space
- integration with automatic lines
- the machine may be equipped with a double scale for in-can or in-batch dosing
- space-related customization based on layout requirements
- it can also be used in ink factories
- available in compact version up to 16 circuits



**CTM**  
Smart

# PRODUCT MIX

## INK DOSER

Ink-Doser offers a practical, functional and economic solution for ink production.

### PLUS

- optimization of the products supply logistic
- management of reduced production time
- compact and easy to use
- limited maintenance
- level sensors upon request
- custom layouts
- efficient handling of returned products
- smart washing system

**B200/B300**  
For inks



# PRODUCT MIX MANUAL

Historical product by HERO launched in the 1970s, the D23 dispenser is still one of the best selling products in the world.

Available with configurations up to 24 canisters in rotary and in-line versions.

## PLUS

- Micro-Gauge™ for an optimized management of micro dosages
- Accu-Purge™ guarantees good results in all dosing runs
- programmed electrical mixing
- available in counter-top or stand versions
- graduated rod available with different units of measurement



**D23**  
Veteran

# PRODUCT MIX

## TINTWISE POS

TintWise POS is the management software used by all HERO automatic tinting machines. TintWise POS became an original HERO product and acknowledged in the global market as one of the best applications for the point of sale:

- Designed and manufactured 100% by HERO
- Included in every tinting machine
- Customizable for all your needs
- SIMPLE and INTUITIVE

### **Key features of this application:**

- **Formula database management**
  - quick and easy-to-use formula and dosage selection
  - detailed price manager, with markup, VAT and discount calculation
  - create your own formulas
- **Print labels**
  - customization of labels available
- **Login management**
  - customization of login levels and restrictions
- **Report management**
  - automatic storage of reports after every dosage
  - report selection to replicate formulas
- **Statistics management**
  - consumptions statistics
  - Export to Excel
- **Backup**
  - creating a backup installation .exe file
  - the backup allows to restore data quickly in case of PC failure
  - the backup can be used to speed up the installation of a second machine with similar characteristics
- **Machine management**
  - manage pails, calibration, maintenance and dosages, optimised depending on the type of machine.

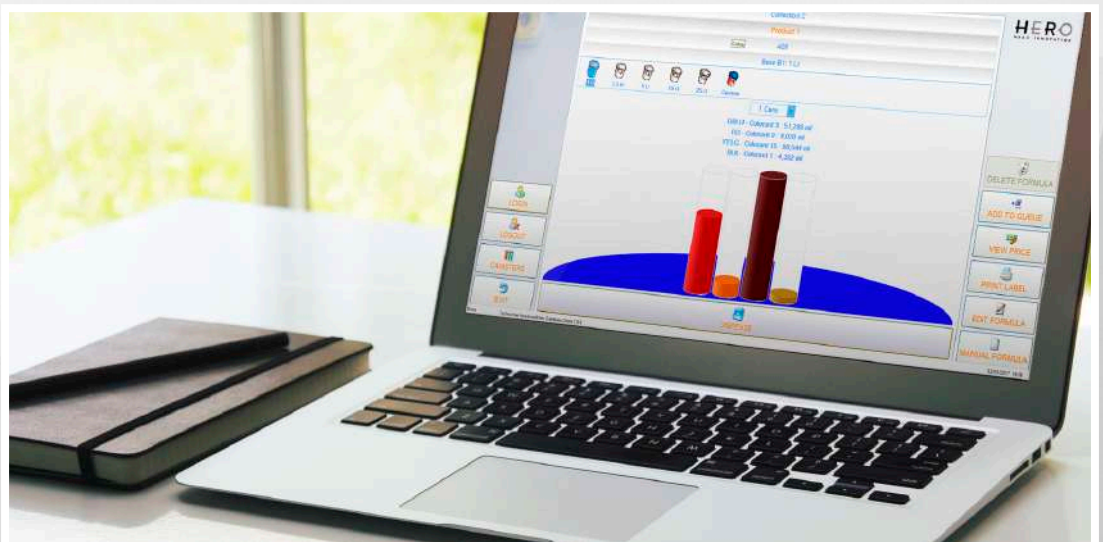


# PRODUCT MIX

## TINTWISE LAB

TintWise LAB is the laboratory software developed by HERO to streamline the procedures to upgrade formula databases, adding new formulas, new products and editing existing values.

- It maintains the history of database updates, so that older versions may be also analyzed.
- Updates are generated in the form of installing executable files to make it easier for TintWise\_POS users to use them.
- If an internet connection is available for the TintWise\_POS, it is possible to set remote updates to optimize distribution.
- You can enter and modify a formula manually, or you can import a block of formulas.
- Standard import consists of entering data on an Excel file.
- You can customize the software to import data from any file format, a feature much appreciated because it makes it extremely VERSATILE and easy to use.



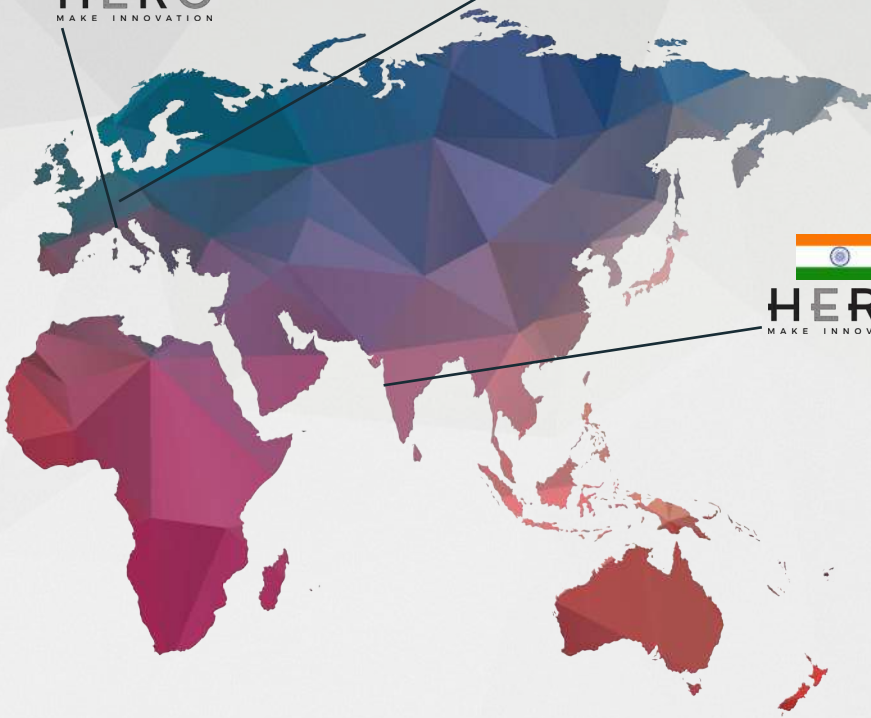




## WHERE TO FIND US

HERO manufactures its product range in 3 sites Worldwide. To be closer to its customers HERO supports a capillar network of commercial branches, agents, distributors and provides qualified technical assistance locally.

The headquarter is located in Italy.



## EMEA

### ITALY

HERO Europe S.r.l.  
Via del Bricco, 1  
12040 Salmour, CN

### GERMANY

HERO Equipment GmbH  
Feldstraße 14  
64331 Weiterstadt

## AMERICAS

### CANADA

HERO Products Group  
720 Eaton Way,  
Delta BC V3M 6J9

## ASIA

### INDIA

HERO Products India PVT LTD  
Rajlaxmi Hi Tech Textile Park,  
Gala No. P1/P2 Sonale Village  
Bhiwandi, Thane -421302  
Maharashtra

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