



Bottling and packaging systems

Company Profile

2023

ACMI numbers

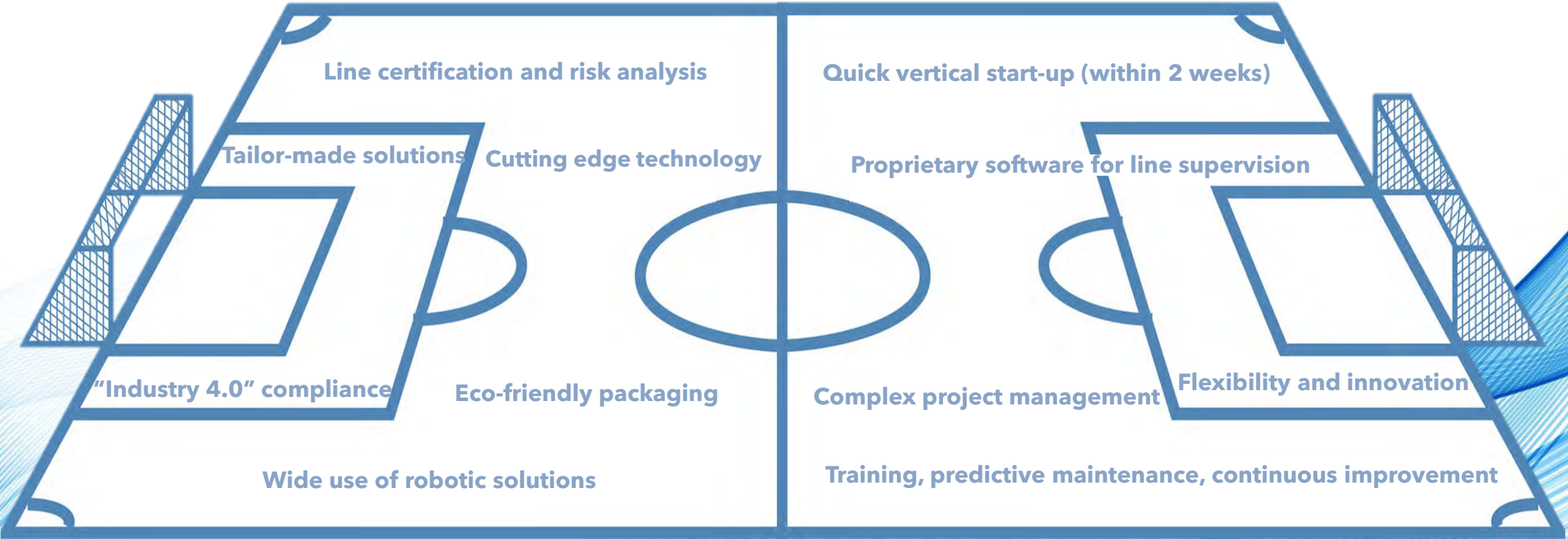
- **1984** YEAR OF FOUNDATION (PARMA, ITALY)
- **3** BRANCHES: USA, UK, MEXICO
- **10** SERVICE CENTRES
- **130** COMPLETE LINES INSTALLED IN THE LAST 5 YEARS



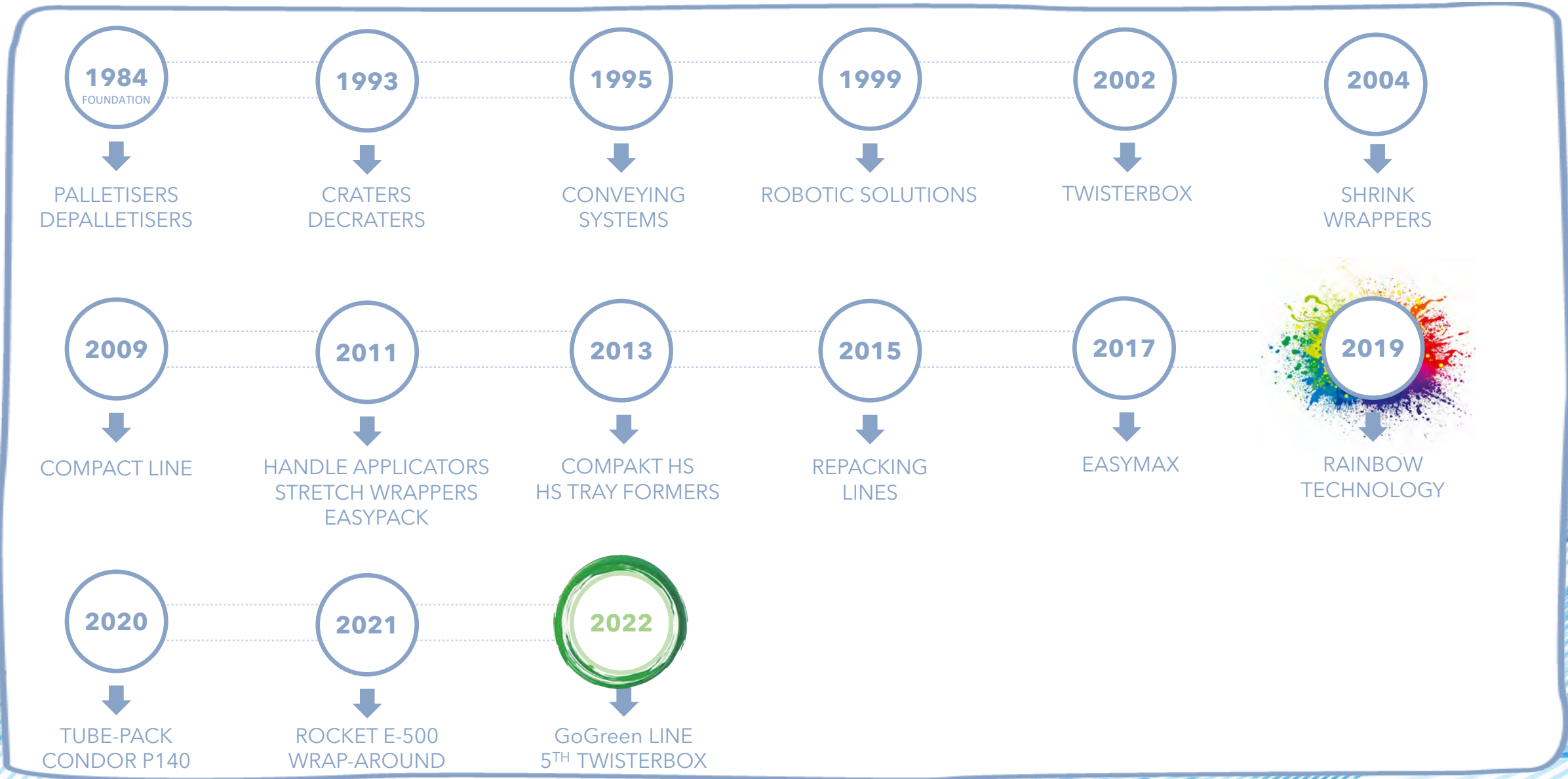
- ACMI SpA is an Italian company specialising in the design, manufacture and installation of complete bottling and packaging systems with a high technological content.
- ACMI manufactures all end-of-line machines, as well as conveying systems, and manages the engineering and automation of the entire line as main contractor or line integrator.
- Almost 40 years of experience in the production of packaging systems make ACMI the ideal partner for both large multinational groups and domestic manufacturers in the food, beverage, pet food, chemical and tissue sectors.



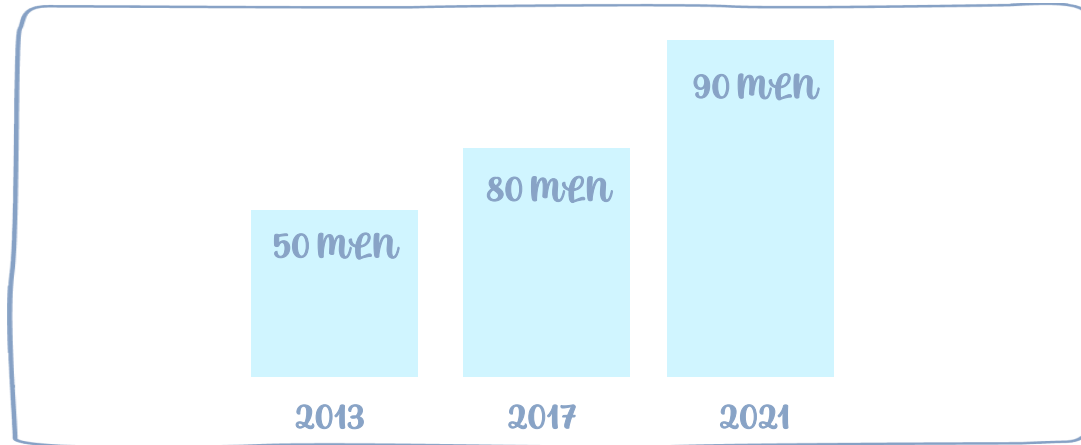
WHY ACMI?



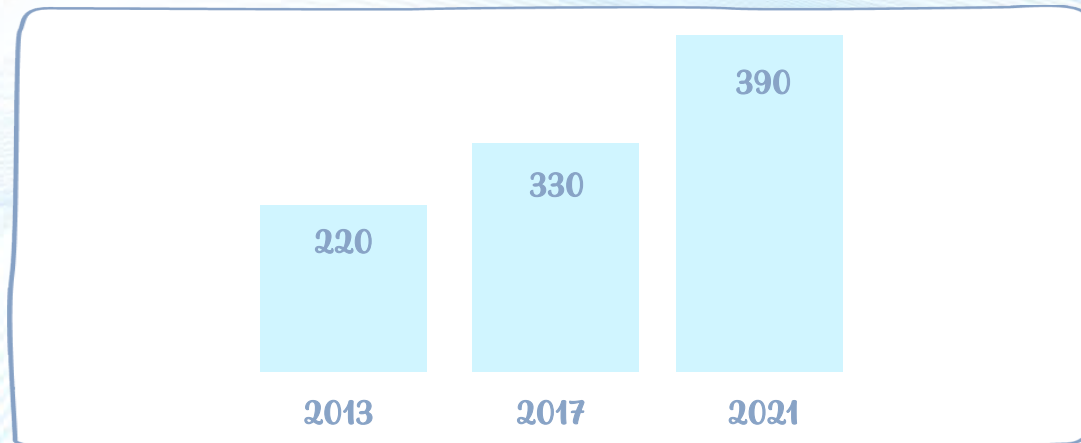
Timeline of innovations



THE NUMBERS



90 m€
TURNOVER



390
EMPLOYEES

SERVICE NETWORK

150

TECHNICIANS

10

**AFTER-SALES
CENTRES**

24/7

**WORLDWIDE
COVER**

PARTNERS/AFTER-SALES CENTRES:

- **ACMI ITALY (EUROPE, WORLD)**
- **ACMI USA (NORTH AMERICA)**
- **ACMI UK (UK, IRELAND)**
- **ACMI MEXICO (LATIN AMERICA)**
- **ACMI POLAND (EASTERN EUROPE)**
- **BRAZIL, ARGENTINA, TURKEY, THAILAND, ASIA-PACIFIC**



PRODUCT RANGE

PALLETISERS

DEPALLETISERS

TWISTERBOX

MULTIFUNCTION ROBOTS

STRETCH WRAPPERS

HORIZONTAL END LOAD CARTONERS

WRAP-AROUND

TRAY FORMERS

MULTIPACK MACHINES

SHRINK WRAPPERS

HANDLE APPLICATORS

CONVEYING SYSTEMS

GOGREEN LINES

REPACKING LINES



PALLETISERS

- High and low level infeed
- For any type of container
- Low, medium, high and very high speed
- Twisterbox layer formation or traditional system
- Quick and easy format changeover
- Low TCO
- Linear guides
- Carbon fibre components
- High reliability, low maintenance, low energy consumption



DEPALLETISERS

- High and low level infeed
- For any type of container
- With fixed or independent centering device
- Motors accessible from below
- Low TCO
- Medium-low and high speed
- Great product stability
- High reliability, low maintenance, low energy consumption



TWISTERBOX

- Robotic layer formation system
- Ideal for multipacks (2x2, 3x2)
- Less plastic consumption (no overpacking)
- Quick format changeover
- Up to 140,000 cans/hour (2x2 & 3x2 packs)
- Also available with tray formation system
- Ideal for “facing” the product on the pallet
- Possibility of multiliner configuration
- Ideal for repacking applications
- Also available with continuous divider



MULTIFUNCTION ROBOTS

Functions: palletisation, depalletisation, cartoning, crating, degrading.

Suitable for handling any type of container: crates, cartons, packs, trays, kegs, 5-gallon, bulk containers, etc.

- Speed of up to **600 cycles/hour**
- Payload of up to **600 kg**
- **Multifunction head**
- **Automatic head changeover**
- Suitable for “**repacking**” applications



STRETCH WRAPPERS

- Rotating pallet and rotating ring models
- Reel height: 500 - 750 - 1,000 mm
- Electronic pre-stretch unit
- Pre-stretch of up to: 400%
- Speed of up to 160 (ROCKET) and 150 (VORTEX) pallets/hour
- Roping system
- Automatic pre-stretch changeover
- Anti-dust system and hermetic system



HORIZONTAL END LOAD CARTONERS

- Speed of up to 40 packs/minute
- Excellent **accessibility** guaranteed by the inclusion of a robotic carton feeding system
- Excellent **ergonomics, easy maintenance** and maximum safety conditions for the operator
- Thanks to the robotic carton feeding system, all **format changeover operations** have been made **easier, faster and safer**
- Low management costs (TCO)



WRAP-AROUND

- Speed of up to 40 packs/minute
- Automatic infeed lane guide adjustment system
- Large capacity cardboard layer loader with easy access
- The format changeover operations have been simplified and are mainly carried out by means of handwheels
- Low management costs (TCO)



TRAY FORMERS

- **Traymax** and **Traymax HS** tray formers represent the optimum solution for the continuous production of trays with bulk bottles or packs
- Compared to the robotic alternative, the Traymax series tray formers consume less energy, take up less space, allow an easier and faster format changeover and have gentler product handling
- Ideal for half pallets and quarter pallets (direct sales units for supermarkets/hypermarkets) and for large-format bottles
- Sustainability: no plastic, no shrink oven



MULTIPACKERS

- This technology uses strips of stretch film (sleeves) to form packs of two or more units (bipacks, fourpacks, logistic packs)
- **No glue, less plastic, no shrink oven**
- Aesthetically impeccable packaging without creases or imperfections
- The **sleeves** can be printed on the entire surface, providing an extremely effective and eye-catching advertising tool
- The application of the sleeve does not damage the bottle label in any way, as it is applied without the use of glue
- The **Easymax** model has an integrated handle application system (only valid for the bipack)



SHRINK WRAPPERS

- 1- to 3-lane
- Speed of up to **120 packs/min**
- **Film** only / **film + interlayer** / **tray** / **tray + film**
- Low oven energy consumption, self-lubricating chains
- Automatic format changeover, external reel holder box (ergonomics, safety)
- Film consumption optimisation (only 3 turns of film remain on the reel to be replaced)
- Minimum film thickness: 35 microns
- Quick format changeover (10-15 min)
- New independent double airflow oven suitable for handling recycled film (50% - 100%)



HANDLE APPLICATORS

- 3 models: **pneumatic** / **mechanical** / **electronic**
- Speed of up to **100 packs/min**
- 1- to 3-lane
- Electronic spacing system
- Quick format changeover
- They do not use spacing worm screws, and preserve the functional and aesthetic integrity of the packs



CONVEYING SYSTEMS

- Highly efficient motors
- Pre-assembled components to allow a quick vertical start-up
- Motorised guides (automatic format changeover)
- Quick format changeover by means of handwheels



GOGREEN LINES

ACMI has developed a line of machines that do not use plastic packaging for the secondary packaging of products.

This makes it possible to configure a completely *plastic-free* end of line.

- **"ROCKET E-500"** PALLET STRETCH WRAPPERS
- **"TRAYMAX S"** LARGE-FORMAT TRAY FORMERS
- **"TRAYMAX HS"** HIGH-SPEED CONTINUOUS TRAY FORMERS
- **"TUBE-PACK"** HORIZONTAL END LOAD CARTONERS
- **"CONDOR"** ROBOTIC CARTONING ROBOTS
- **"ECOPACK"** WRAP-AROUND



REPACKING LINES

THANKS TO REPACKING SOLUTIONS, IT IS POSSIBLE TO PRODUCE:

- **RAINBOW PALLET (BOTTLES)** - PALLET OF MIXED FLAVOUR BULK BOTTLES
- **RAINBOW PALLET (PACKS)** - PALLET WITH MIXED FLAVOUR PACKS
- **RAINBOW MULTIPACK** - MIXED FLAVOUR PACKS ON A TRAY
- **RAINBOW PACK** - MIXED FLAVOUR BIPACKS, FOURPACKS AND LOGISTIC PACKS

Thanks to the modularity of ACMI systems, the above-mentioned systems can be combined to create a highly flexible and customised repacking system

Examples of packaging

PACKS WITH ELASTIC SLEEVE (SINGLE/MIXED FLAVOUR)



PALLET WITH A COMBINATION OF PACKS (BOTTLES/CANS)



Examples of packaging



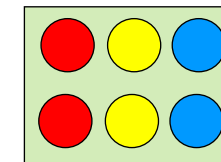
MIXED PACKS ON PAPER TRAYS



CAN FRIDGE PACK (MIXED FLAVOURS)



PALLET DISPLAY WITH BOTTLES/CANS ON A PLASTIC/CARDBOARD TRAY



Contact

ACMI S.p.A.

Via G. Di Vittorio 60

Fornovo Taro (PR), ITALY

+39 0525 401811

info@acmispa.com

www.acmispa.com

