



Acmi



**Omnia
Technologies**
Enabling Evolution

FLEXIOPERA BEER

The modular labeler specifically
designed for the beer industry

FlexiOpera for the beer market is designed to operate in harsh environments, providing protection from water and glass debris, improved reliability thanks to the advanced electronic hardware architecture and excellent labeling accuracy.

FLEXIOPERA

The modular labeler specifically designed for the **BEER INDUSTRY**

THE MODULAR FLEXIOPERA IS DESIGNED TO LABEL CYLINDRICAL AND SHAPED CONTAINERS - IN GLASS OR PLASTIC - WITH PRE-CUT, WRAPAROUND OR SELF-ADHESIVE LABELS, ALL ON THE SAME MACHINE.

FLEXIBILITY

Users can decorate the same container with one or more labels using either the same technology or a combination of different labeling technologies: cold glue and adhesive.

Moreover, FlexiOpera machines can easily **be installed in various configurations** according to the available space. Outstanding machine design allows installation on both new and existing production lines.

PLUG & PLAY SOLUTION

Our technology allows for a considerable **reduction in machine size** and lets manufacturers benefit from **simpler installation** on new or existing lines.

ERGONOMIC DESIGN

Super-easy access to the main carousel and the labelling stations shortens changeover times, makes cleaning and maintenance easier and gives easier access to the infeed screws. It also makes tasks safer.



70,000 cph
Max. speed

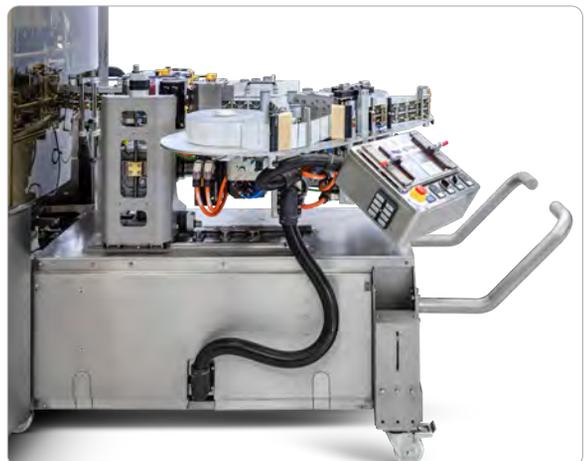
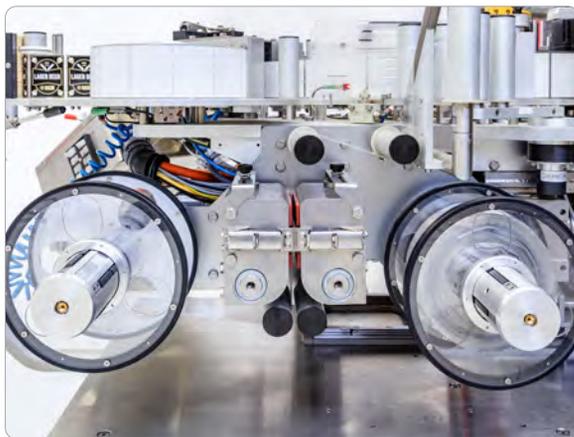
MAIN FEATURES

- **High-output labeling precision**
- **Ergonomic**, allowing unrestricted access to all machine parts, ensuring easy size changeovers and faster maintenance
- **Quick, flexible label changeovers**
- Can handle any label type
- **Suitable for both paper and plastic labels**



Features specially designed for beer market applications

- Greater resistance to harsh environments (glass debris, product spillage, washing tasks)
- Tough hardware and high-performance diagnostics system
- Full reliability during changeover tasks
- Maximized worker access to all parts
- Machine ergonomics
- Improved HMI





CENTRAL TURRET

- Stronger structure for glass bottles
- IP-certified protection of bottle platforms with servomotors with the machine running
- Bottle platform disk equipped with collection trays that easily retain glass debris or fallen bottles

MACHINE FRAME

- Stainless steel lower frame
- Special anti-corrosion treatment

COLD GLUE MODULE

- New stainless steel labeling station
- Optimized automatic magazine

ADHESIVE MODULE

- Optimized adhesive labeling station, dual splice

BOTTLE INFEED/OUTFEED

- Flexible, hard-wearing servo-driven infeed screws
- Conveyors and starwheels designed for glass bottle tolerances

HMI

- Optimized HMI
- Full rotation around central turret

ENHANCED HARDWARE

- Better capacitors, for greater tolerance under power fluctuations
- New reliable hardware

OPTICAL BOTTLE ORIENTATION

- Enhanced optical-control bottle orientation

Machine optionals



High quality labeling, accuracy and efficiency guaranteed by precise positioning thanks to the fully automatic optical bottle orientation system.



Pre-cut paper labels or aluminum foil. Bottle and label coding by laser or ink jet, with the system seamlessly integrated into the machine without any additional bulk.



Advanced starwheel clamping system: one star fits all bottle types and sizes, so no additional format changeover time is required.



Adhesive module

AUTO SPLICING, UNWIND AUTO-SPLICING AND
PATENTED REWIND AUTO-SPLICING

HIGH PERFORMANCE

- Downsized labeler (no master-slave need), less maintenance, easy access to the labeler - 'Slim fit' design
- Fully servo-driven motors: high speed, precision application
- Automatic splicing at full speed for maximum productivity
- Auto-splicing on unwinding and rewinding provides a true NON-STOP system
- Push-Pull system for a better label control



ACCURACY AND EFFICIENCY

- Air buffer: contactless buffer system to handle and apply thin labels, accurate application
- Top precision: ± 0.5 mm accuracy at dispenser plate
- Speeds of up to 160 meters/minute
- No machine stoppage at end of reel: no interruption of production and greater machine availability
- Four-axis adjustment by handwheels and numerical counters



Cold glue module

NEW STAINLESS STEEL VERSION

HIGH PERFORMANCE

- Extractable radial slide for better accessibility during changeovers and gripper drum tasks
- Stainless steel glue cylinder with adjustable glue scraper
- All safety guards are easy to open, ensuring complete accessibility to all carousel parts
- Cold glue pump with integrated heating system
- Forced oil lubrication with internal gear pump



ACCURACY AND EFFICIENCY

- Desmodromic cam for smooth, precise pallet movements
- Hardened gears provide a long working life, high precision and excellent long-term application repeatability
- Multiple labyrinth seal to ensure waterproofing
- Quick release of label pads with a numbered connection system
- Brush wiping system for secure label adhesion on the bottle
- Our modules can be provided with a manual in-place cleaning device to clean the glue roller without demounting it from the cold glue module



AVS ACMI Vision System

Each ACMI labeller can integrate a camera vision system for the containers orientation and for the labelling inspection. ACMI's continuous innovation has introduced new developments that make orientation even more detailed and precise, working on any target such embossed logos, predecorated surfaces,

moulds seams. Thanks to new dedicated image acquisition units, the inspection system is able to identify very small defects, to achieve QR and barcodes, to perform OCR, and to collect statistics.



Customer service

Being able to count on consultancy and support from the ACMI Global Network provides further guarantees for customers, ensuring they get the most out of their investment in ACMI technology

for the entire lifespan of the machine or plant: all thanks to the trust that stems from close relations with customers, and meticulous attention to maintenance of the productive assets that are vital to a return on investment.



