



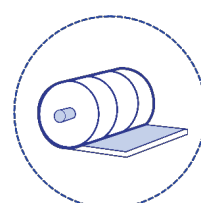
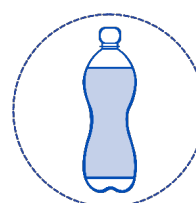
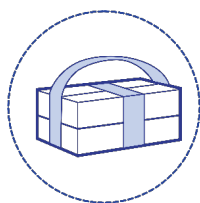
ABOUT US

Karlville is a global company with more than 20 years in the market providing sustainable vertically integrated **machinery solutions for Shrink Sleeves, Flexible Packaging, Pouches, Tape Handle & Multipacks**. It has become the global converting machinery leader and high-speed shrink sleeve application machinery niche player.

Thru a combination of Karlville owned manufacturing facilities and strategic manufacturing partners, Karlville offers a wide range of innovative converting and packaging machinery.

Karlville has also established worldwide collaborations with 3M for a sustainable solution "The Multipack Solution", with Amcor and their VisualCan brand for Shrink Sleeve application for cans, and was recently chosen as HP Business partner for Indigo Pack Ready Lamination Machinery project.

Karlville has support facilities in USA, Europe and Asia, with Technology & Service Centers in Miami, Florida, and Europe , Lyon France.



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SHRINK SLEEVE INNOVATIONS

Karlville clients benefits from a complete expertise in the shrink sleeve technologies, offering machines from sleeve converting, to sleeve automatic application.

With a complete shrink tunnels portfolio, we have it all covered!

Automatic Sleever machines– SLEEVEPRO

The Full Body shrink sleeves that fit the entire body of the container.

They will shrink to fit contour of the entire container, allowing it to be decorated 360 degrees from top to bottom, maximizing market space.

Can easily give an old product and create exceptional shelf appeal.

SLEEVEPRO 800 –

Up to 800 bottles per minute!

- PLC systems for all wishes
- Bullet application technology – Direct shoot
- A portfolio of 4 machines models from 50 to 800 bpm
- Fast format Changes with saved recipes on touchscreen – less than 15ms
- Continuous cutter motion technology increasing moving components life
- Smart fault detection systems (e.g. bottle pitch differences, deformed bottles, splice detection, etc..)
- IP connectivity for easy integration, remote maintenance and troubleshooting





Automatic Sleever for Tamper – SCHEIDEGGER



Tamper-Evident bands are one of the major uses of preform shrink films.

The bands can be printed with warning messages or safety-seal text and are often used in conjunction with another type of warning label.

The use of tamper evident bands promotes a sense of security to the consumer that the product has not been altered throughout the distribution process.

TAMPERTEC S –

Up to 1 200bottles per minute!

The Tampertec range provides an optimised solution for the application of tamper-evident sleeves by using a direct transfer from mandrels onto bottle tops.

Different from standards sleeve applicators, the sleeves are transferred via a rotary pick and place system, that give more accuracy in application.

Mandrels and a cam ensure a controlled descent of the sleeve.

In this way sleeves do not bounce and a consistent precise positioning is made on the bottle necks without the need for pre shrink units or realigning devices.

Sleeves are counter folded in order to attain a square shape that holds then in place before shrinking.

Bottles are positioned and spaced inside the applicator by an infeed screw with the cycle started by a photo eye located inside the machine.

In the Tampertec 1000-1200 series, all key functions are servo-driven for easier operation and format changeover.

TAMPERTEC I –

Automatic sleevever integrated to existing Labellers

With the help of servo motors for the cutting and driving systems we have been able to reduce the machine footprint to the point where it can be integrated inside existing labeling machines. This is the most reliable and efficient Tamper evident application machine in the market.



TAPE INNOVATIONS

Tape Handle & Bundle applicators - CEFMA

The **CEFMA HANDLE** range includes 20 different types of machines for the application of carry-handles on packs of mineral water, soda and another drinks as well as a variety of bulky items (household paper, pet food...). This equipment is available in manual, semi-automatic and automatic versions, in single and dual lane machines.





Production speeds range from 5 to 200 carry-handles / minute on the tops, sides and front of products wrapped in plastic, paper or metal.

The CEFMAHANDLE range can be adapted to handle packages of all dimensions via a series of centrally-automated height, width and speed adjustments.

The innovative **CEFMAPACK** range provides economic and ecological solutions to make multi-packs bundled with printed or neutral adhesive tape.

Savings of up to 50% can be achieved on the cost of consumables, equipment investment and operating costs as well as packaging disposal.

This range of equipment permits bundling of rigid packages, soft bags, bottles with adhesive tape strips (for promotions, to launch new products...).

The application is possible for all types of products, the adhesive tape strips can be printed and tape may also be registered.

The CEFMAPACK machines are patented and permit a production speed range from 15 to 60 packs / min with semi-automatic and automatic systems.

CEFMA is the only French manufacturer of adhesive handle application systems as adhesive bundling systems. All its machines are patented.



BUNDLE & HANDLE IN ONE MACHINE – H45B

The H45B combined tape technology machine is specially designed by Karlville to make **duo-packs of stand-up pouches including convenient carry-handles.**

This system included adhesive tape handle application equipment to process up to 40 bags/minute from single bags conveyed paired, standing up, short-side leading into 'saddle packs' of two bags held by a segment of tape applied under the bags by our upstream taping system and a tape handle over the top.

Saddle packs will exit from the handle applicator in one lane.

The energy-efficient Multipack machines reduce costs, enhance production speeds and are easy to implement into any production line.



3M Multipack Partnership

Along with our CEFMA machine lines, The Scotch® Clean removal multipack from 3M Tape holds the bundle while not damaging the primary packaging while the CEFMA machinery bundles up to 100 a minute.

Multiple packs configurations available!

POUCH INNOVATIONS

Pouch converting technologies - ULTRASONIC

Advantages of Ultrasonic Welding

Up to 70% increase of cycles

Use of recyclable film material

Reliable production process by constant energy input

Up to 80% lower setup and changing times

No risk of burns during cleaning work

Optimal energy efficiency

Very high repeatability

Contamination by filling can be detected

Increase of quality

Targeted energy input

Ultrasonic Pouch Making – POUCHMAKER PM

The game changing Pouchmaker PM has the outstanding advantages of the ultrasonic welding technology with the following characteristics:

- A sandwich-tool concept
- Meeting customer's requirements
- Wide range of performance
- High reliability and low interference
- Advanced operation
- Significant performance in a small space
- Flexible machine concept Machine Specifications - Pouchmaker PM
- SpeedUp to 90 cycles/min
- Pouch Height100mm - 270mm
- Pouch Width80mm - 200mm
- Roll widthmax. 520mm
- Roll diametermax. 600mm



Pouch filling trough the spout – SPOUTPRO IFC-2 -Exhibited on Interpack

Spout Pouch Filling and Capping Machine

➤ **Advantages of filling pouches trough spout**

- Highly reliable process
- No spilling, spraying- clean process
- Quick changeover to another pouch format
- Easy handling of shaped pouches
- Filling with high pressure
- No air evacuation
- No sealing step needed
- Less material is needed (high fill level possible)
- Simple machinery
- Walking beam design allows for long fill times



➤ **The SPOUTPRO IFC – 2 is our model for spout inserting, pouch filling through spout and capping.**

Machine Specifications

- Product All kinds of liquids, food and non-food
- Filling Range 0,1 - 3L
- Number Of Filling Heads 2
- Number of Sealing Stations 4
- Speed Max 55 ppm
- Spout Position Top Center & Corner



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