![FoamaTec industrial-automation logo]

Value added products with high resolution printing in CMYK

GENERATE BEST CUSTOMER RESTRAINTS

Choose the right printing variant:

» Large character printers KT-series

KT-series large character inkjet printing systems allow any type of packaging or moving object to be marked with alphanumeric characters.
These systems use 7-dot (KT7) or 16-dot (KT16) print heads, and nominal character height ranges from a minimum of 12.6 mm (0,5 inches) to a maximum of 75 mm (2,95 inches). Print heads are single-color use, only.

Ethanol-based inks are available in colors: black, blue, red, green. Typical application is EPS block-molding for coding and marking.

» High resolution printers HR-series

HR-series inkjet high resolution printing systems allow coding any type of moving packaging material or item by means of alpha-numeric texts, linear barcodes, 2D codes, logos, and clip art.
These systems use 512 dot print heads and a 180 dpi (dots per inch) resolution, thereby obtaining a 72 mm (2,83 inches) printing maximum area for each head.
Oil-based inks allow applications only on absorbing or semi-absorbing surfaces, such as non-glossy paper and cardboard, wood, some types of ceramics and bricks.

» High resolution printers HR-UV-series

HR-UV-series inkjet high resolution printing systems allow printing and coding of any type of moving packaging material or item with alpha-numeric texts, linear barcodes, 2D codes, logos and clip art.
These systems use 512 dot print heads and a 180 dpi (dots per inch) resolution, thereby obtaining a printing area 72 mm (2,83 inches) maximum height for each head.
Acrylic-based inks are perfect for applications on absorbing or non-absorbing surfaces such as foams (shape molding), paper and cardboard (both non-glossy and glossy), wood, glass, metal, films, plastic materials, ceramics, bricks, etc. After the printing phase, ink is treated with a UV curing LED lamp. Product can be handled directly after printing/curing.

High resolution UV printer – perfect printing results for the particle-foam industry.

THE FEATURES

» Use full scope of 4 color process (CMYK) for efficient printing on EPS, EPP, EPE

» Realize brilliant printing results with UV curable ink

» Print with acrylic ink / no solvent or oil-based inks

» Print any sophisticated image on your foam-product

» Print linear bar code or 2D codes (QR, Datamatrix, PDF417, …)

» High quality printing on contour parts (graved, etc.)

» No dried or plugged printing heads after production stops

» Safe for food packaging – no chemical solvents or oil-based inks

» Print on any particle-foam product, - just in time

» Full traceability of each box with using variable fields while printing

» Print in speed up to 60 m/min.

» Modern and easy control, using standard PC technology

» Flexible integration in company IT / intranet

» Easy to customize and integrate into the local production requirements

» No big wear-effort / minimal life-cycle cost

» Design for industrial production-usage in the foam-industry (24/7)

» User-friendly, intuitive and easy to operate

» Precise calculations of the ink-consumption for each printing-job

» Best price/performance level
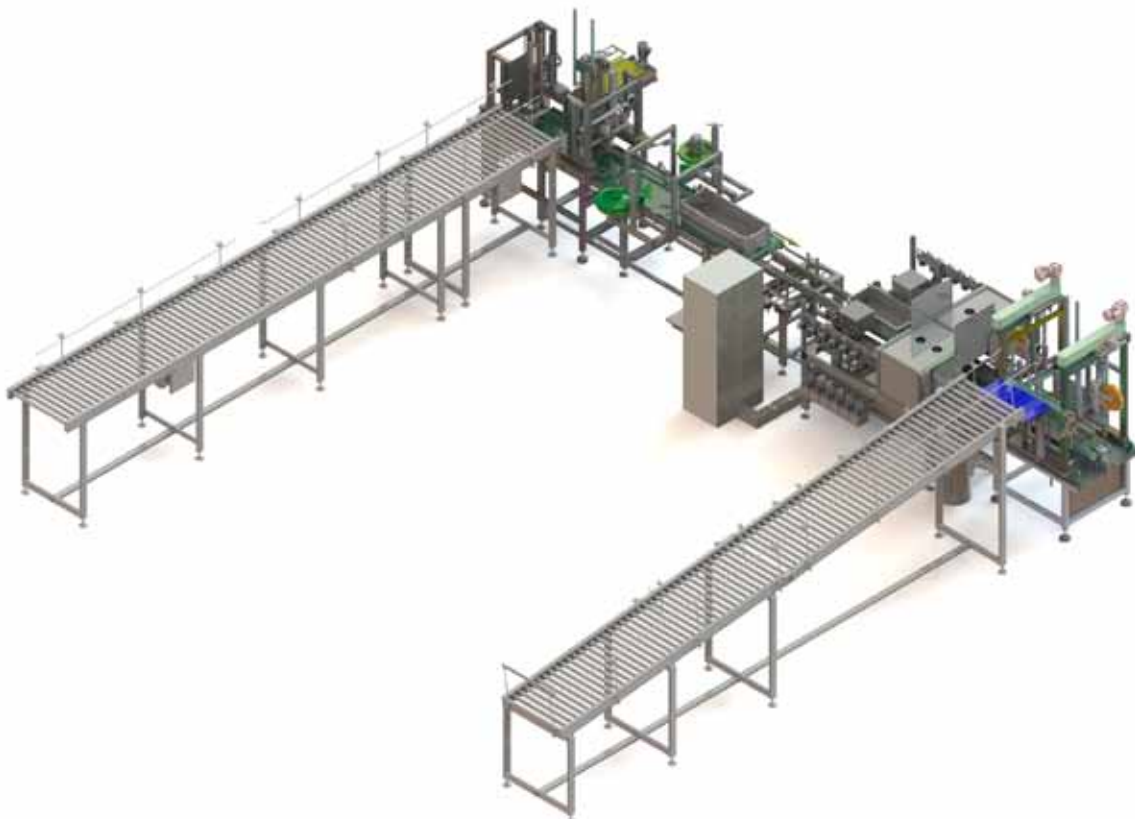
GENERATE THE BEST BENEFIT TO YOUR PRODUCT!
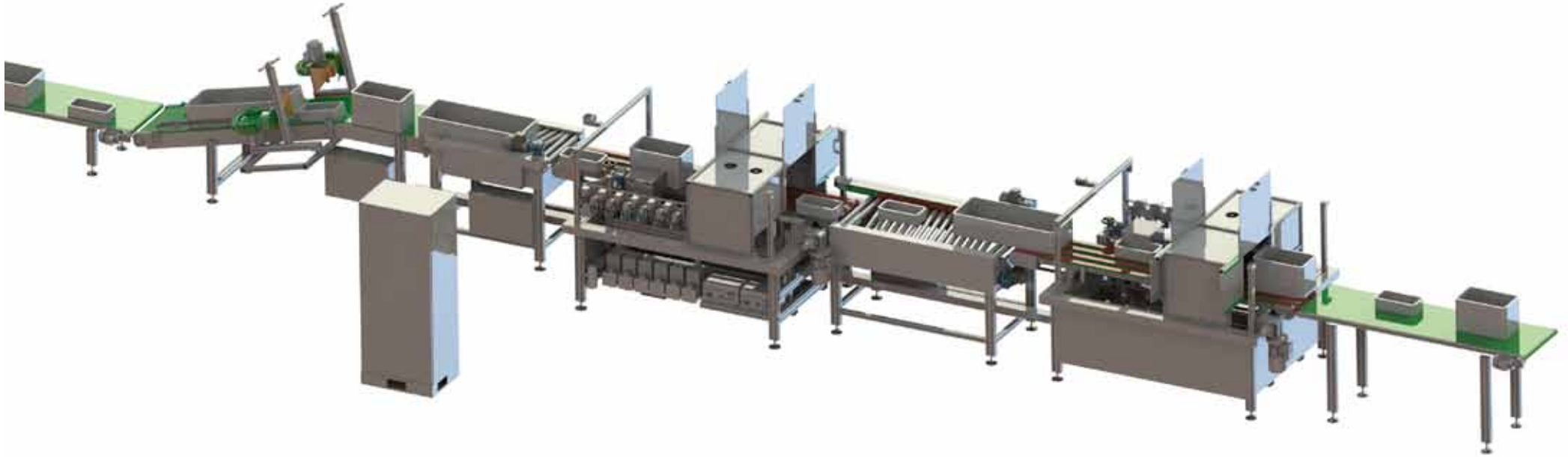
» High performance horizontal box printing

» Horizontal printing system with stacking and taping
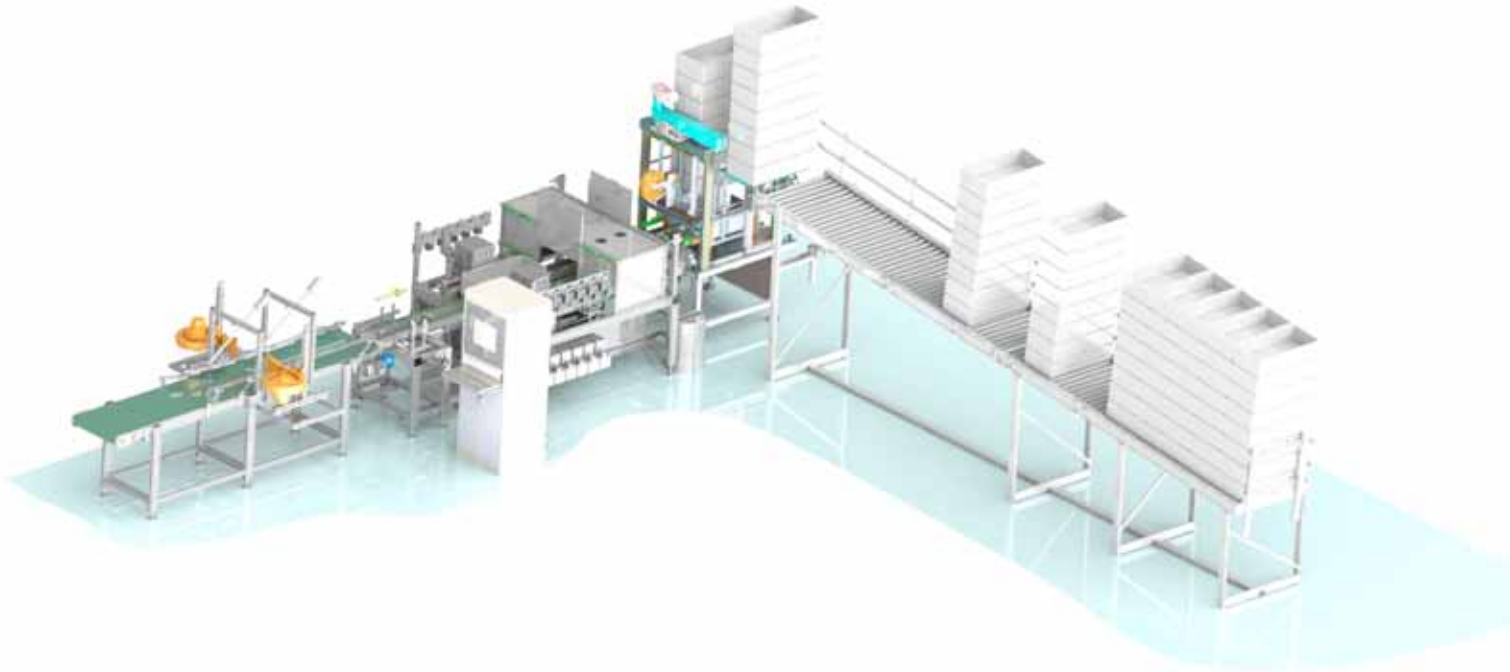
» Destacker-unit in combination with horizontal printing system plus stacking and taping

» High performance horizontal box printing / random process

THE FEATURES

» multiple box-print with highest flexibility

» automatic detection of box-size

» automatic control of print-image

» printing speed up to 60 mtr per minute

» High performance vertical box printing

THE FEATURES

» High-resolution printing of stacked boxes

» printing of stacks in different height and length

» Vertical printing in 2 ways up to 1000 mm

» Flexible system for easy change of box-size