

## YOUR CODING NEEDS ■ ■ ■

Laser coding on stick pack, pouches and wide web, multi-lane application



- Reach highest production line efficiency
- High quality code with proven reliable SmartLase technology
- Largest print area available allows you to print more with few Lasers
- Contribute to your sustainable development goals

## YOUR APPLICATION NEEDS ■ ■ ■

The right solution whatever the rate, size and substrate of the product (wide choice of lenses, scan heads and laser sources) best quality codes, contrast and consistent character shape



Laser wavelength solutions to code following substrates: paper, chipboard, painted metals and labels, laminated cartons, films and foils metalized and non-metalized such as PP, BOPP

## OUR SOLUTION SET ■ ■ ■

Our 30-watt solution set for wide coding area

### LINE EFFICIENCY

- Excellent availability ratio of up to 99.9% with:
  - Quick printer start-up
  - No regular production line maintenance stoppage
  - No need for traversing units
  - No moving mechanical parts
- Time for product line batch changeover greatly reduced
- Full traceability functions and secure input of batch information
- Intuitive user interface for quick and easy message editing and adjustment of code positioning



### HIGH QUALITY CODING

- Patented “SmartLase Code Technology” includes single and universal font options with the most lens and wave length configurations available in the industry (54) delivering ultimate flexibility to create impeccable lines, curves and points faster than ever before even in extreme conditions up to 45 °C
- Promotional coding capability on a large range of colored foils and and films with no risk of piercing

### ECO-INITIATIVES

- IP65 solution as option with no plant air and no water
- Dedicated fume extraction system for a cleaner, healthier, safer, odorless working environment

### COST REDUCTION

- Largest print area 500 mm x 500 mm combined with low maintenance and consumable costs means industry leading low TCO
- Simplified solution reduces amount of equipment and accessories on production line

### MARKET PERSPECTIVE

“Our solution, with the new HD innovation, offers the widest print area available in the market for flexible film applications. Also, with the IP65 rating, we provide the food industry with easier maintenance, less downtime and increased productivity.”

David Archer, Markem-Imaje Food Marketing Manager

### ADDITIONAL BENEFITS

- Text can be located anywhere on the pot lids and in any orientation
- Last minute customization possible (flavor, weight, promotion, etc..) helping to reduce foil inventory
- Unightly dedicated windows are no longer necessary
- LHD print head offers a dedicated solution for laminated foils and stick packs



## YOGURT APPLICATION SPECIFICATION

- High quality coding up to 35 cycles/min
- Large marking fields to minimize the number of printheads per line:
  - One machine up to 24 pots covering

500 mm coding width (Fd 430)

- Two machines up to 48 pots covering 1000 mm coding width (Fd 430)
- Compliant with various pot matrix layouts (4x6, 2x8, 4x12)
- Specific L HD (10.2 wavelength) printhead delivers high quality codes on wide range of laminated substrates and ensures longer lifetime (2-year warranty on laser printer)
- Coding on a large range of colored foils
- Robust and proven IP54/ IP65 printer design
- Efficient extraction system with automatic flow control optimized for wide coding area (ES500+ solution)

## OTHER ADVANTAGES

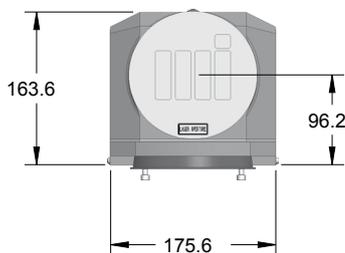
- CoLOS® software solutions
  - Networking software solutions:
    - to centralize production data management
    - to automate the coding task (provides data integrity)
- Ethernet connectivity
- Standard 2-year warranty and up to 5-year warranty available
- Compliance with 2006/42/CE and ISO 13849:2008 (Category 3; PLd)
- Possibility of remote data management
- Long head-to-printer conduit (3, 6, 9 m)
- Quick and easy head swap with single connector
- Operating temperature range: 5° to 45° C

## CUSTOMER SUCCESSES

Large installations operating at companies in China, North America, Latin America and Europe

## OEM'S AND PARTNERS

Oystar Erca, Arcil, Hassia, Ulma, Mespac, Schmucker, Toyo, Joyea

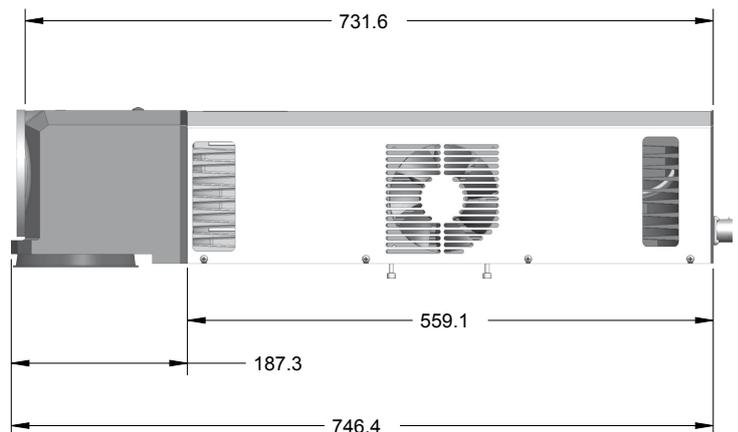
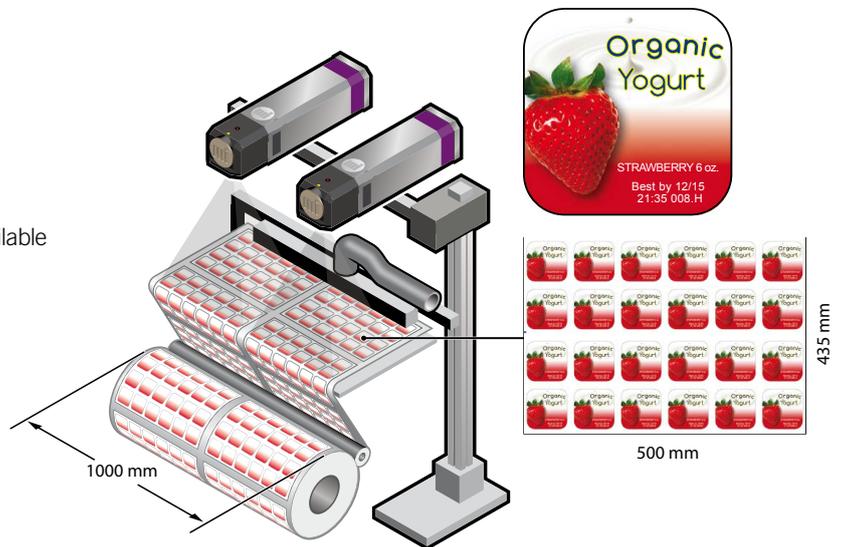


## STICK PACK APPLICATION SPECIFICATION

- High quality coding up to 55 cycles/min
- Large marking fields to minimize the number of printheads per line:
  - One machine covering 300 mm

coding width (Fd 300)

- Two machines covering 600 mm coding width (Fd 300)
- Three machines covering 900 mm coding width (Fd 300)
- Four machines covering 1200 mm coding width (Fd 300)
- Specific L HD (10.2 wavelength) printhead delivers high quality codes on wide range of laminated substrates and ensures longer lifetime (2-year warranty on laser printer)
- Proven robust IP54/ IP65 printer design
- Efficient extraction system with automatic flow control optimized for wide coding area (ES500+ solution)



We reserve the right to amend the design and/or specifications of our products without notice.

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