

# TECHNICAL SPECIFICATIONS MP-415,

*Ink-Jet Flat-Bed Printer - 2014 Edition.*

## PRINTER

|                           |  |
|---------------------------|--|
| Print Method:             | Drop on Demand Inkjet  |
| Print Head Configuration: | Thermo Electric  |
| Ink colors:               | CMYK   |
| Nozzle Count:             | 15360  |
| Print speed:              | 14 SQM per hour, max speed.                                    |
| Print resolution:         | 2400 x 1200 DPI  |
| Print Options:            | Food printer, for direct print on cakes and pastries.          |
| Warranty:                 | Basically 1 year, extendable, see terms and condition of sales |
| Feeding type:             | Genuine Flat-Bed printer                                       |
| Printer Certification:    | CE, WCCI, FCC, TIC, C-TIC, EMC                                 |

## INK AND MEDIA

|                               |   |
|-------------------------------|---|
| Ink Certifications available: | Compliant with FDA - USA or EEC. Halal, or Kosher Certified         |
| Ink Cartridges:               | 6 x 130 ml  |
| Ink Consumption:              | 10 ml per SQM printed area, 6 x 130 ml cover 39000 Cup Cakes        |
| Ink printing cost:            | 4.3 USD per SQM, 0.9 USD per 100 Cup Cakes                          |
| Ink Delivery System:          | Cartridge and CISS  |
| Media types:                  | Most food products, including Genuine chocolate                     |
| Media thickness:              | Maximum 170 mm  |
| Media sensing:                | Sensors tracking all products during auto load with laser precision |
| Maximum print size:           | Full table is 420 mm wide and 660 mm long                           |
| Maximum media weight:         | 10 Kg (22 Pound)  |
| Printer Consumables:          | Edible ink, Ink Tanks, Print head,                                  |

## PRINTER CONNECTIVITY

|                     |  |
|---------------------|--|
| Printer Driver:     | Windows 32/ 64 Bit, XP SP3, Windows 7, Mac                   |
| Interface:          | USB 2.0 connection   |
| Bundled Software:   | Sweets & Art, graphic design and template printing (Windows) |
| Power Requirements: | 220 - 240 VAC (55-60Hz),                                     |
| Computing power:    | Pentium 4 or similar   |

## WEIGHTS, DIMENSIONS

|                         |   |
|-------------------------|---|
| Steel Frame Dimensions: | W 1000 mm (34"), L 1650 mm (65"), H 1300 mm (51") |
| Net Weight:             | 150 KG  |
| Power requirement:      | 200 W to 300 W depending on configuration         |

## ENVIRONMENTAL LIMITS

|                                      |                                  |
|--------------------------------------|----------------------------------|
| Environmental Operating Temperature: | 15 °C to 35 °C (59 °F to 104 °F) |
| Humidity:                            | 20 % to 80 % RH non-condensing   |
| Storage / Transport Temperature:     | -5 °C to 50 °C (59 °F to 104 °F) |



*Designed in Sweden, Manufactured by MasterPiece Systems*

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