Excellent contrast on all product colors

**Inkjet printer**
for heavy pigmented inks

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**CS 407 Data Sheet**

**Contrast & Speed**

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Edition 03/2013
CS 407 Specification

Print System
> Air-driven diaphragm and pigment dispersal system for printing dye-based, light and heavy pigmented inks (incl. fast drying, alcohol-based, water-washable inks, etc.).

Print Functions
> 1 to 4 lines of text
> Variety of barcodes (EAN 13, BC 39, EAN 128, Code 128, 2/5i, UPC A, POSTNET)
> Symbols and logos
> ANSI and special characters
> Real time clock and calendar function in multiple formats, up to 4 per buffer
> Mirror print, character reverse, character inverse, double space, message reverse
> Standard matrices (5x5, 2x5x5, 3x5x5, 4x5x5, 7x5, 2x7x5, 3x7x5, 11x7, 2x11x7, 15x10, 23x15)
> Speed Print 5x5 und 7x5
> Vertical matrices (5x5, 2x5x5, 3x5x5, 4x5x5, 5x7, 2x5x7, 3x5x7, 4x5x7)
> Adjustable print height of 5 to 23 dots (1 - 12 mm)
> Adjustable print width
> Print settings: Stroke multiplication, print delay, print suppression, bi-directional print, free text positioning
> Up to 4 counters per buffer
> Printing speed of up to 800 m/min

Standard Equipment
> Stainless steel cabinet, with rating IP 54
> 1/4 VGA TFT colour display (WYSIWYG)
> Keyboard layout: European, US or Cyrillic
> User interface in many popular languages
> Integrated symbol & logo editor
> All print styles on board: standard, small, quality and high quality
> Text length displayed in mm/inch
> 16 MB memory for text, symbols and logos
> Flashcard for software updates
> External archiving and data management software
> Drop frequency/nozzle size:
> 64 kHz/75 µm or 84 kHz/60 µm
> Cylindrical automatic printhead allowing any printing position
> Flexible conduit, standard length: 3 m
> Printhead holder
> External positive air pressure
> Interfaces for RS-232, encoder, printgo, Ethernet (TCP/IP), 3 outputs for status requests (can also be configured as inputs)
> 2 tanks for ink and make-up (1 Litre, 1,25 Litre)
> Ink density control with automatic make-up dosage for constant print quality
> 7 changing buffers included
> Print head with automatic ink closure system for secure start-stop behaviour

Operating and environmental conditions
> Power supply: 100-240 V, 50-60 Hz, 100 W
> Compressed air: 6 bar, filtered, power 6 l/min
> Temperature range: +5°C to +35°C
> Humidity: Up to 90% rH, non-condensing
> Dimensions in mm HxWxD = 630x418x325
> Required space in mm HxWxD = 630x700x325
> Weight: 30.3 kg

Options
Hardware
> Drop frequency/nozzle size: 120/40 kHz/µm
> Printhead, elbow, 0° or 90° orientation
> Head conduit, length: 4, 6, 8 m
> Head cover with lens
> I/O 16/8 for additional functions
> Indication light/indication light with buzzer (incl. connection)
> Connection for indication light
> Condenser

Software
> Changing buffer 15
> 2D Data Matrix code
> Customer specific software

Accessories
> Please refer to the accessories catalogue for a complete listing of all accessories for CS 407.