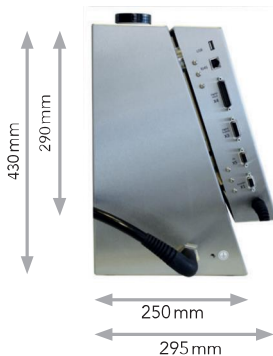


# Technical specifications



## PRINT PERFORMANCE/FUNCTIONS

- » Printing height 1.5 - 14 mm, depending on nozzle size and head type
- » Country and industry-specific fonts, e.g. Arabic, Cyrillic, Chinese, Persian
- » Fonts: from 5x5 to 24x18 dots, special fonts, tower printing
- » Multiline fonts (1 to 3 lines)
- » Fonts and graphics can be free positioned and combined
- » Proportional function for all fonts
- » Font height and font width adjustable
- » All major barcodes and DataMatrix codes (ECC200), GS1 DataMatrix (EAN/ECC)
- » Time, auto-adjustable date, auto-adjustable expiration date, weekdays, calendar weeks, julian calendar, shift identification
- » Replacements: all date, time and counter functions can be replaced and user-programmed
- » Three individually programmable counters, consecutive numbering, production counter, meter marking
- » User-programmable graphics/logos can be created in the integrated editor
- » Multistage contrast and bold function, print repetition, print delay, backward print, rotation / mirroring of font, inverse, reverse and alternating prints (object-related)
- » Dynamic backward printing, for traversing lines
- » "External text" function (printing of external data via interface)
- » Stop function after reaching predefined amount

## DATA ADMINISTRATION/SECURITY

- » Storage of countless jobs and graphics
- » Data buffer in case of power failure
- » Explorer
- » Print jobs saved with printing data and machine parameters
- » Data logging
- » Up- and download of jobs and graphics using USB stick
- » Job select (255 jobs selectable from external via digital inputs)

## OPERATION/DATA INPUT

- » 5.7" color TFT touchscreen display (VGA), background illuminated
- » Creating and editing of jobs during production
- » Available menu languages: European languages, Arabic, Chinese, Vietnamese, Thai, Korean, Cyrillic, Persian, etc.
- » Integrated graphic editor
- » Alternative control using the data interface (Ethernet)
- » Country-specific on-screen keypad
- » Operation also by mouse or keyboard
- » Comprehensive self-diagnosis and status display with easy-to-understand text, help function, printer status display ("traffic lights")
- » Password function and service menu
- » Windows based interface, WYSIWYG-display

## INTERFACES, INPUTS/OUTPUTS

- » Product detector PNP/NPN 24V
- » Shaft encoder input for printing speed synchronisation (TTL 5V, HTL 24V, RS422 5V)
- » Digital inputs/outputs user-selectable, 5 inputs, 4 outputs
- » Printer alarm, low fluid, print ready, print finished, external job selection, etc.
- » USB port
- » Network, Ethernet (RJ45)

## LEIBINGER HYDRAULIC SYSTEM

- » Low maintenance, diaphragm pumps with optimized on-time
- » Fully automatic viscosity and pressure control
- » Thermally isolated hydraulics
- » No external supply of compressed air is required
- » Automatic interval function
- » EcoSolv – Solvent Recycling System (optional)

## PRINTHEAD

- » Inkjet control
- » Flexible umbilical, length 3m
- » Stainless steel cabinet
- » Fully automatic nozzle and gutter seal "Sealtronic"
- » Fully automatic drop charging, drop break off
- » Nozzle size modal JET2neo: 70µm
- » Upside down - 360° assembly
- » Safety switch for print head locking
- » Option: Head ventilation

## FLUID RESERVOIRS

- » Capacity of the pressureless ink and solvent tanks is 1.3 liter
- » Refillable while printing
- » Automatic level control

## INKS

- » Several dye-based inks and soft pigmented inks
- » Fast drying inks (<1sec)
- » Ketone inks, MEK-free inks, alcoholbased inks
- » Ink colours (black, yellow, red, blue, etc.)
- » Temperature- and transfer-resistant inks
- » Security inks, colour changing inks, adhesive inks, alcohol- and sterilisation-resistant inks
- » Food packaging inks
- » Customized inks

## CABINET, DIMENSIONS AND WEIGHTS

- » Weight printhead: 1.5 kg
- » Weight cabinet: 17 kg
- » Protection class: IP 54

## SUPPLIES AND ENVIRONMENTAL CONDITIONS

- » 100V-240V, 50-60Hz, max. 40VA
- » Temperature range +5°C to +45°C
- » Relative humidity max. 90%, non-condensing
- » No external air pressure necessary

## ACCESSORIES

- » Vision System V-check, JETmotion traverse system
- » Product detector, shaft encoders, printer stand, print head bracket, alarm lamps, etc.



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