

# LEIBINGER

neoS  
Strong  
in coding



**SEALTRONIC**

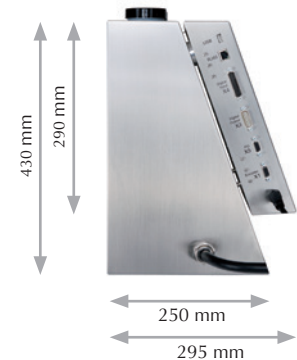
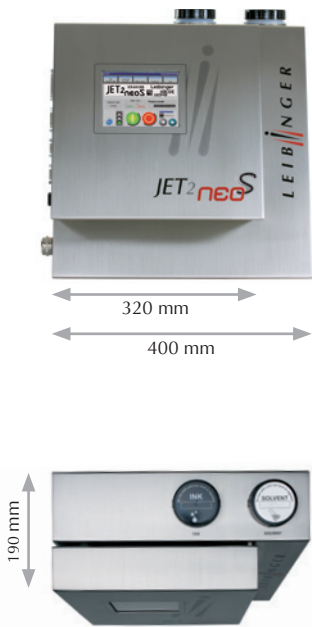
Trouble-free-startup,  
every time

# JET2neoS

Simply and fast marking.

Industrial  
Inkjet  
Printer

# Technical specifications



## PRINT PERFORMANCE/FUNCTIONS

- › Printing height 1,2 - 12 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

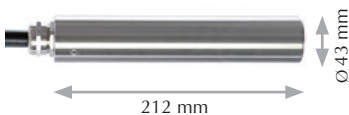
- › Storage of countless jobs and graphics
- › Data buffer in case of power failure
- › Explorer
- › Print jobs saved with printing data and machine parameters
- › Data logging
- › Up- and download of jobs and graphics using USB stick
- › Job select (255 jobs selectable from external via digital inputs)

## OPERATION/DATA INPUT

- › 5.7" colour TFT touch-screen 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 optimised 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 3 m
- › Stainless steel body
- › Fully automatic nozzle and gutter seal "Sealtronic"
- › Fully automatic drop charging, drop break off
- › Nozzle size model JET2neoS: 60 µm
- › 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

- › 100 V-240 V, 50-60 Hz, max. 40 VA
- › 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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