Technical specifications

320 mm
400 mm

190 mm

430 mm
290 mm
250 mm
295 mm

212 mm
Ø 43 mm

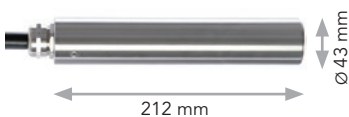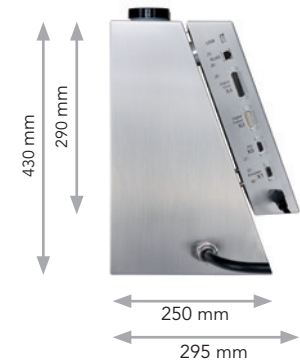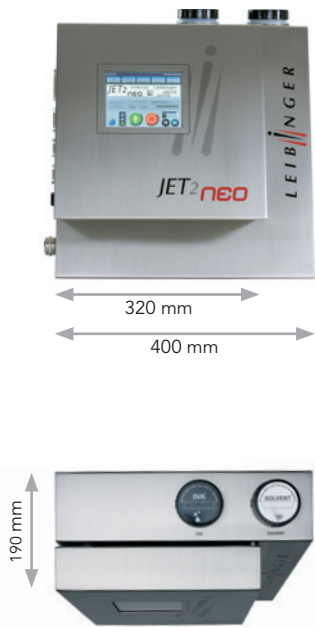## PRINT PERFORMANCE/FUNCTIONS

» 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" 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 cabinet
» Fully automatic nozzle and gutter seal "Sealtronic"
» Fully automatic drop charging, drop break off
» Nozzle size model JET2neo: 70 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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LOCAL DISTRIBUTOR CONTACT:

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Quality Management
DQS
ISO 9001

JET2neo-E-001