

Specifications

The LEIBINGER OvoJET

Operation/data input

- All printer functions controlled through Touch Screen Panel
- Creating and editing jobs during production
- Graphic editor
- Operating system software with logical menu guide available in most major languages
- Fully automatic self-diagnosis and status display with easy to understand text
- Password function and service menu
- WYSIWYG display of the printing text

Data administration/Security

- Data buffer in case of power failure
- Print jobs saved with printing data and machine parameters
- Up and download of jobs and graphics via PC for storage or transfer
- Job storage capacity: 128 jobs

Print output/functions

- Print output up to 2.700 characters per second
- Printing height from 0,8 to 12 mm, depending on font type and nozzle size
- Fonts single-line: 5x5, 7x5, 9x5, 9x7, 11x8, 12,x8, 14x10, 16x10, 24x24 plus special fonts

- Fonts multi-line (1 to 4 lines): various combinations with free positioning
- All major barcodes, including Data-Matrix
- Time, date, 2 expiration dates, weekday and julian calendar in free programmable layout
- 2 programmable counters, meter marking, shift codes
- 26 customizable graphics
- Fonts and graphics can be combined in the print jobs
- Country and branch specific fonts
- Text direction and printing direction selectable via touch screen
- Multistage contrast and bold functions
- Print repetition and delay

Print head

- Full automatic nozzle and gutter seal
- Stainless steel body and cover
- Flexible umbilical, rugged conduit, length 3 meter
- Full automatic drop charging and drop break off control
- Nozzle size: 60 µm
- Options: head pressurization, umbilical 6 meter, 10 meter

LEIBINGER Hydraulic System

- Low maintenance, diaphragm pumps with optimized on-time
- Full automatic viscosity control
- Full automatic pressure control
- Thermally isolated hydraulics
- No external supply of compressed air is required

Reservoir

- Capacity of pressure-less ink and solvent tanks 1 liter each
- Refillable while printing
- Low fluid level sensor on each tank

Supplies

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

Environmental conditions

- Temperature range +5°C to +45°C
- Relative humidity max. 90% non-condensing

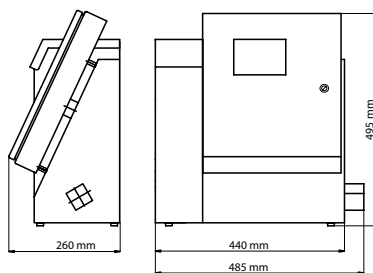
Stainless steel cabinet

- According to class IP 54, model OvoJET pro IP 65

Inks

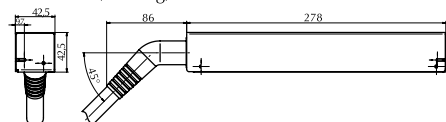
- Egg ink; conform to EU right

Machine (22 kg)



Technical changes are reserved.

Print head (ca. 1 kg)



Radius: dynamic R100
static R60



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OvoJET



*LEIBINGER makes an impression
Egg-printer for MOBA egg grading machines*

LEIBINGER
COUNTING FOR THE FUTURE

Fast, flexible and reliable



In grading machines eggs will be controlled, sorted and printed with information about source and livestock husbandry. The information will be printed automatically on the eggs with inkjet printers using continuous inkjet technology for non-contact marking. The inkjet printers have to be simple, fast and reliable.

LEIBINGER meets MOBA

The inkjet printers from LEIBINGER are known for high reliability and integration potential. With the non-contact marking system "continuous inkjet" all surfaces can be printed fast and simple. In collaboration with MOBA, the world market leader for egg grading machines, LEIBINGER has developed an inkjet printer for fast printing on eggs. The OvoJET is a high-end printer for each application required on eggs.

This inkjet printer can be easily integrated into each egg grading machine of the MOBA Omnia series.

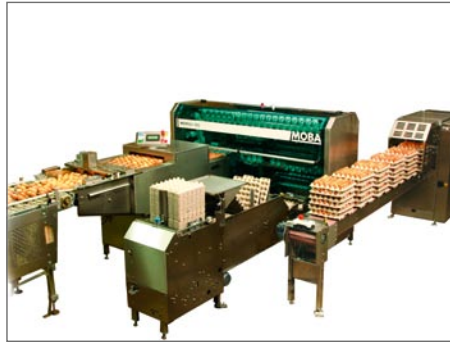


OvoJET



The LEIBINGER OvoJET Fast, reliable and economic

In the machines of the Omnia series, the eggs will be sorted and printed with the integrated inkjet printer OvoJET before the packing lanes. Variable information can be printed in up to four lines. Besides text, individual logos can be designed and printed with the integrated graphic editor. A reliable and easy print start is guaranteed by the LEIBINGER nozzle seal. The OvoJET is ready to print within one minute without flushing processes and cleaning procedures. This unique, fast and easy start up method for the continuous inkjet printer is guaranteed by the unique, full automatic nozzle seal which is standard on every model of the LEIBINGER family. Therefore drying ink in the nozzle and return line will be reliably prevented. Even after long-term shut-downs an immediate start is guaranteed. The minimal use of ink, solvent and energy as well as minimum maintenance provide highest efficiency of the LEIBINGER OvoJET.



Easy handling

The LEIBINGER OvoJET offers a large touch screen display for smooth production flow. The menu is clearly arranged with different languages available.

Easy integration – the LEIBINGER OvoJET

The OvoJET can be integrated in existing OMNIA machines. Requirement for the integration into this machine is the interface “MOBA inkjet provision” with which the OMNIA grading machine has to be equipped.

This interface can be upgraded by MOBA. The inkjet printers can be placed on device stands for flexible integration in existing egg grading machines. These stands can hold three OvoJET printers.



Flexibility gives impression

The LEIBINGER inkjet printers are suitable for each application.

The OvoJET for MOBA 2500 is easy to connect with the egg grading machines of the series MOBA 2500. An easy installation is guaranteed with the 90°-elbow head and an adapter plate for the head. Additionally an incremental encoder will be added to the prefabricated holder of the MOBA 2500 to synchronise the print. Two compatible cable sets provide the data transfer between MOBA SPS and the LEIBINGER OvoJET for MOBA 2500.

The established LEIBINGER JET2SE printer can be integrated in egg grading machines of the series MOPAC 100. Equipped with a 90° head umbilical, an optical sensor for the print start as well as an adapter plate for the print head the LEIBINGER JET2SE is ready for an instant start. An assembly bracket on the MOPACK 100 is already integrated. Just enter print text or load one of 128 possible jobs from the job memory.

