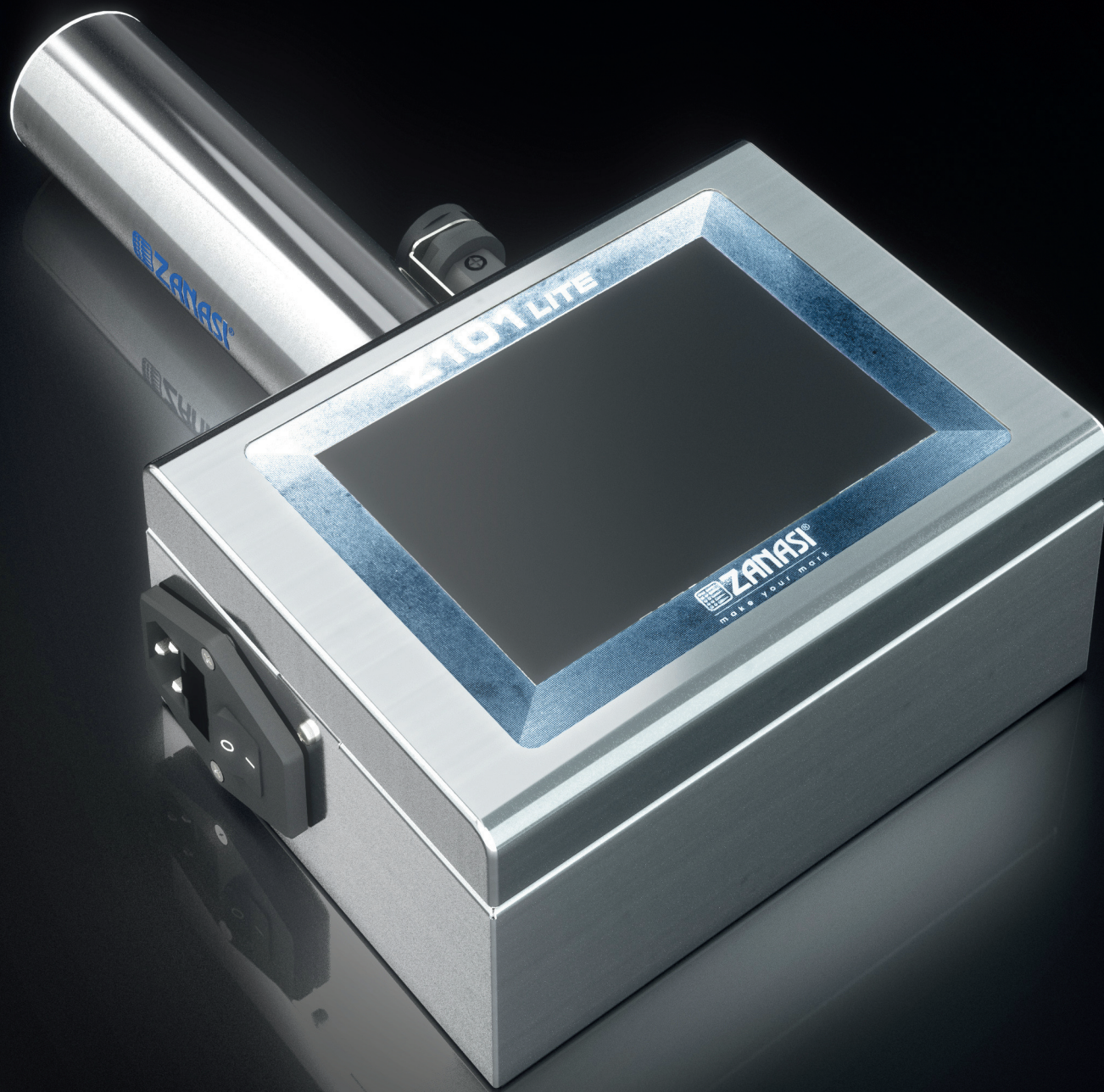


Z101 LITE



Large character



Industrial DOD Printer Brochure



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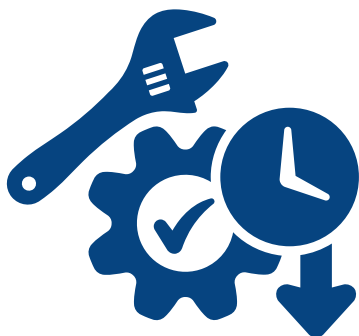
Light, Intelligent, Tiny, Economic

Z101 LITE is part of the DOD Zanasi range, designed for horizontal marking **on secondary packaging in conveyor applications**, characterised by an **extremely simple, compact and lightweight stainless steel structure**, the result of the rationalisation of the hydraulic system.



Absence of maintenance

The consolidated proprietary solenoid technology guarantees a **low initial investment**, a **minimum cost per single print** and the **best price/quality ratio** of the entire segment.



Z101 LITE

BENEFIT

SIMPLE AND COMPACT



High efficiency and precision!

Speed, precision and low consumption

Optimal and constant performance, for perfect marking with multiple types of inks and on the most diverse surfaces

LOW TCO



Efficiency and cost savings

No downtime: goodbye to production stops

No learning time

Low initial investment

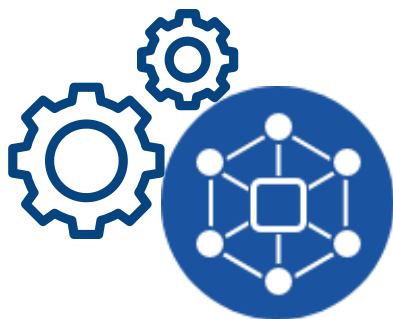


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Unique features

The system is equipped with a **built-in air pump for ink pressurisation**, which eliminates the need for external compressed air and helps keep the workstation free from bulky complementary accessories.

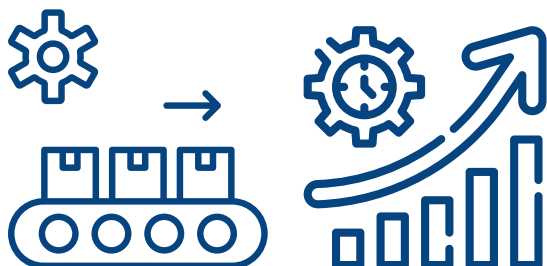
The system, allows to print **alphanumeric texts and symbols** on a **single line** with a **height adjustable from 7 to 20 mm**.



Easy integration

Its small size and **weight of less than 3 kg** mean that the **system can be installed without difficulty** in any **production line**.

The built-in printhead with a slim and extended design allows for even the **narrowest spaces to be easily reached**.



Z101 LITE

BENEFIT

ALL IN ONE



No other components are required!

Optimal printhead distance: the printhead-to-product distance, **up to 25 mm (0.98")**, ensures sharp, legible marking even on moving items or uneven surfaces

Reduced clutter: keeps the workstation free from bulky accessories

Simplified setup and easy startup: a lean, autonomous system designed for quick and hassle-free operation

Production speed up to 60m/min

MULTIPLE PRINT HEIGHTS



With one head, many solutions!

Easy to insert in varied production contexts

Durable and high-performing



large character

The right ink for each application

The wide range of **fast-drying, high-adhesion, water-, alcohol- and solvent-based inks** allows Z101 LITE to mark **porous and non-porous surfaces** of secondary packaging such as cartons, boxes, bags, cans, plastic buckets and the like.



Easy software interface

The **simple software interface** accessible via a **5,7" touch screen** allows you to enter and edit messages, set parameters and control the entire printing process with extreme ease.



Z101 LITE

BENEFIT

VERSATILITY AND ADHESION



Fast and grippy!

Clearly visible marking, even from a distance

Fast drying and high adhesion

SIMPLE AND INTUITIVE



**Immediate:
Ease of use!**

No learning time

Facilitates data entry and the selection of printing processes

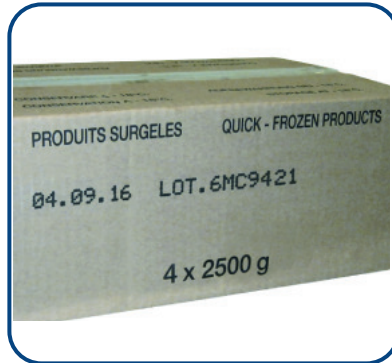
Flexible and intuitive interface



large character

Samples

Z101 LITE





large character

Z101 LITE

Technical specifications

PRINTING SPECIFICATIONS

Single print height from 7 to 20mm (0,28" - 0,79")

Coding throw distance up to 25 mm (0,98")

Line speed capability: up to 60m/min (197ft/min)

Printing rate: up to 150ct/sec

Available fonts: 5x5 and 7x5

Up to 80 characters for each message

Storage of 100 messages

Automatic calendar and expiration data print

Incrementing/decreasing products counter up to 9 digits

Repeat - message function

Printing in all moving directions

180° text rotation

Single line coding with 7 dot printhead

CABINET

5,7" touch screen panel with backlit color LCD (640 x 480) display

Stainless steel structure AISI 304

Internal pump for ink pressurization

User interface and configurable virtual keyboards with support for international languages

Temperature: 5°C - 45°C (41°F - 113°F)

Humidity: 0 - 90% (non-condensing)

Single Phase, 85-240 Vac, 50-60 Hz, 100 VA

EXTERNAL CONNECTIONS

Serial connection: RS232 (optional)

Integrated optical sensor for product reading

External alarm outputs for low ink level

CONSUMABLES

Inks for porous and non-porous surfaces

PRINTHEAD

Dimensions: L 196 mm, D 50 mm (L 7,7", D 2")

Slant function for 5 different print sizes

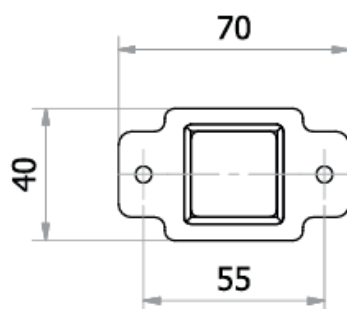
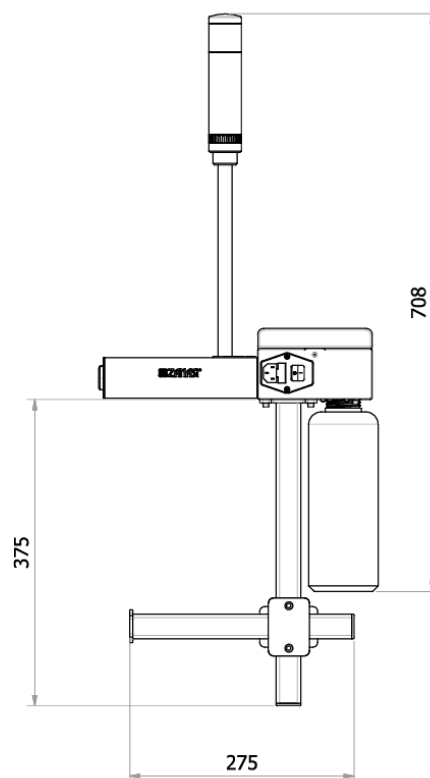
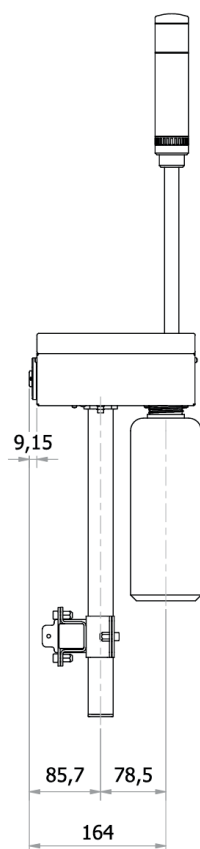
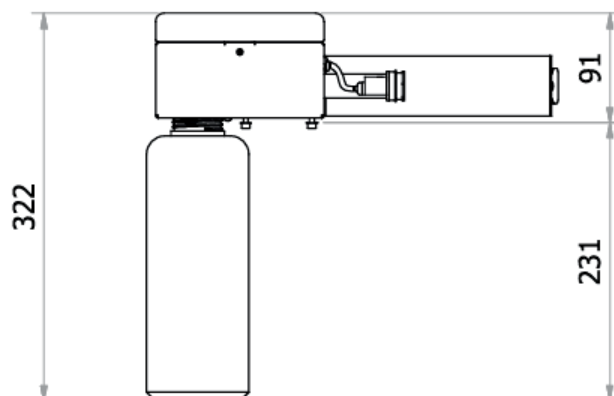
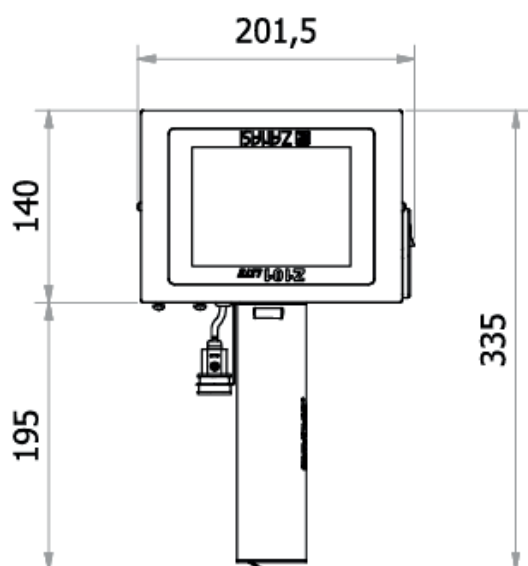
Stainless steel structure AISI 304

High efficiency and accuracy solenoids

Serviceable and replaceable

Single nozzle purge and printing functions selectable from touch screen panel

Technical drawings





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The images in this brochure are for illustrative purposes only and may not fully reflect the actual characteristics of the product.

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