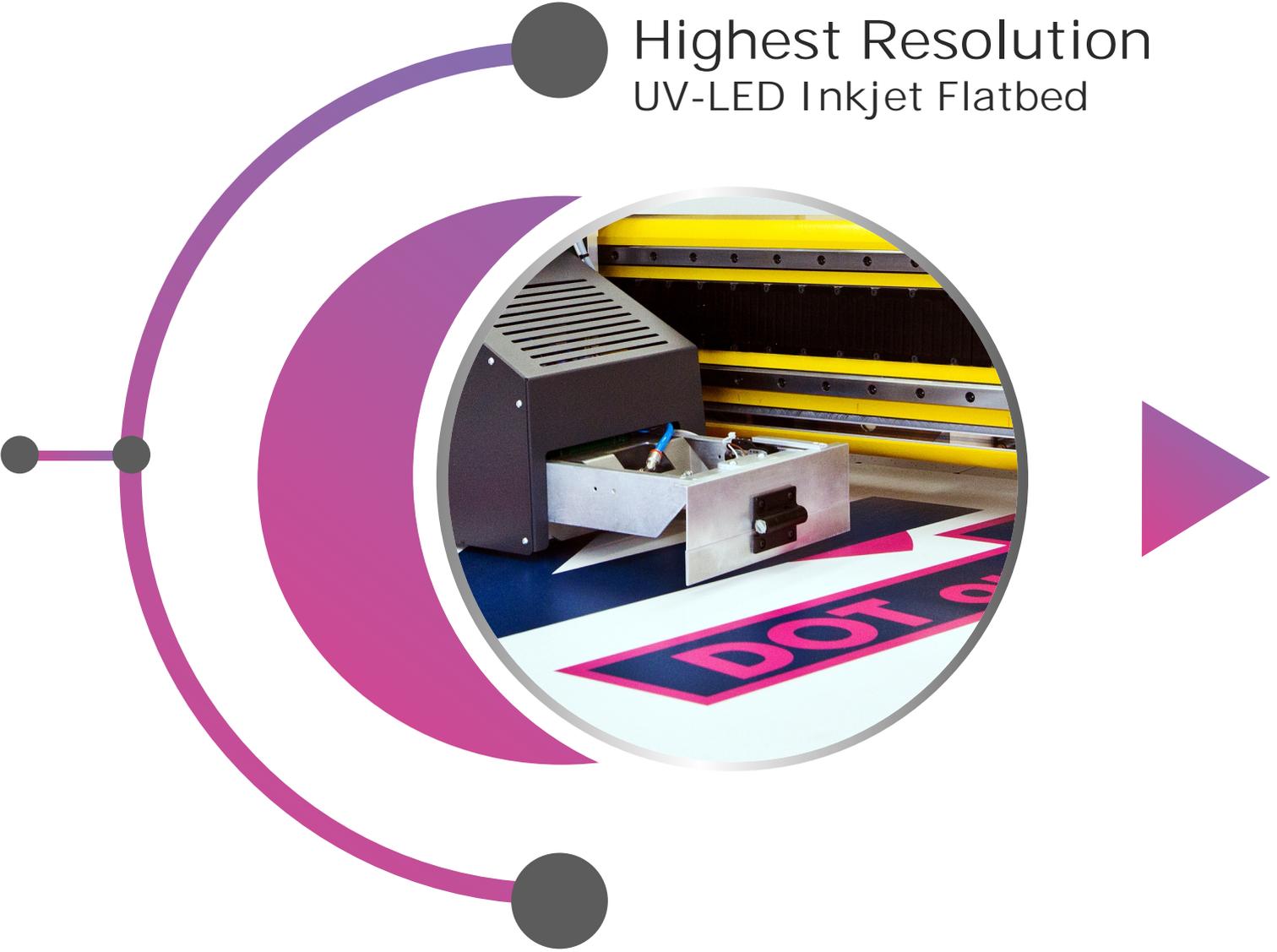


# NoeCha DOT1

Highest Resolution  
UV-LED Inkjet Flatbed



# NoeCha DOT1

NoeCha DOT1 is a compact version of the NoeCha1, dedicated to high quality printing and short run production, achieving results never seen before with these presses.

NoeCha DOT1 is based on UV-LED technology. The LEDs guarantee a very low operational cost, excellent printability on a wide range of material including temperature-sensitive ones as well as a more environmental-friendly system. The machine runs with high quality UV-LED inks in 4 colors with the possibility to print white (before and after).

NoeCha DOT1 delivers photo-realistic quality thanks to its new print heads which provide a native resolution of 1200 x 1200 dpi (single pass) with 3 grayscale outputs for an exceptional quality level, varying the drop size from 1,5 picoliters (the smallest size in the market) up to 3.5 picoliters.





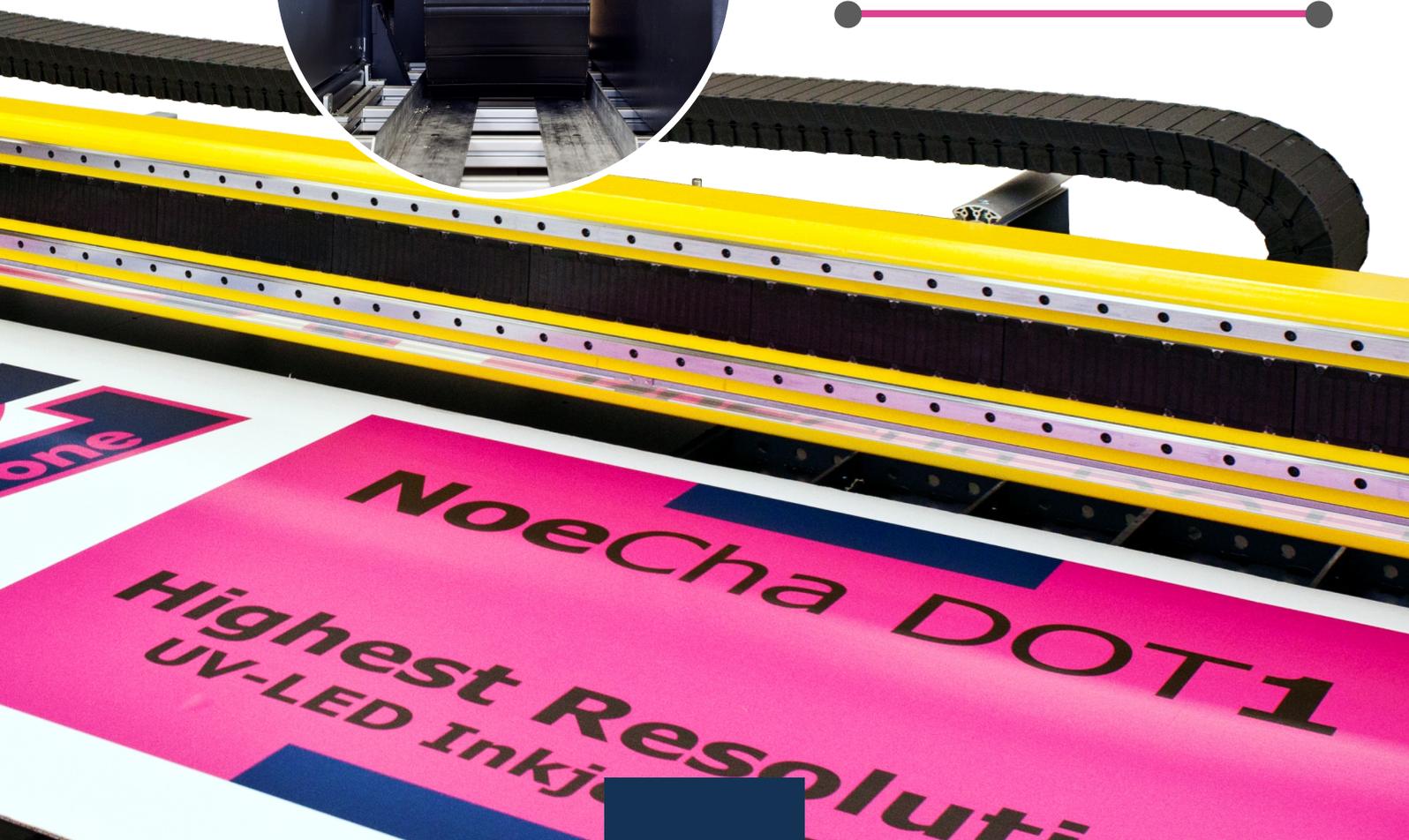
NoeCha DOT1 is characterized by an extremely compact design (just one piece) however it is based on a very robust mechanical structure designed with the same tolerance criteria as its big sister the NoeCha1.

The 320 x 160 cm flatbed equipped with 21 vacuum zones allows printability on any type of substrates of all market standard sizes.

The printer is extremely easy to install and put into production in just a few hours.

To be able to meet diverse customer needs the print carriage of the NoeCha DOT1 has been designed to accommodate different model of print heads: 1200x1200 DPI, 600x600 DPI or bi-color. The configuration chosen will significantly impact the investment of the client.

Moreover, with the aim of increasing the overall throughput and meeting additional requirements, a semi-automatic F&S system as an option for loading and uploading panels along with a roll to roll for web printing complete the offer.





# TECHNICAL SPECIFICATIONS

## PRINTING

Technology	Piezo Drop-on-demand Inkjet technology
Resolution*	Native 1200dpi x 1200dpi (in single pass) 3 grayscale levels from 1,5 pl. to 3,5 pl.
Ink system	UV-LED curable inks. Inks bottles directly connected to the ink system
Ink Colors	4 colors (C,M,Y,K) + White (before and after)
Printing area	3200 mm x 1600 mm

## MEDIA

Type	Any type of rigid or semi rigid material from PVC foam, cardboard, glass, wood, metal...fixed on vacuum table with 21 partial vacuum area
Max. substrate size	3200 mm x 1600 mm
Max. substrate thickness	40 mm
Max. substrate weight	40 kg/m <sup>2</sup>
Material handling	Optional semi-automatic feeder and stacker system

## PRODUCTIVITY

Printing speed	From 33 sqm/hour up to 115 sqm/h
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## SOFTWARE

Operating interface	Touch screen operating software based on Windows 8 embedded
Rip software	GrandRip+ by Caldera; Onyx Thrive

## PHYSICAL PROPERTIES

Machine dimensions	5740 mm W x 2364 mm L x 1334mm H
Space requirements	6740 mm W x 3500 mm L
Weight	3.500 kg

\* Possibility of using different model of PH offering different resolution and grayscale level.

Premium quality, high versatility, low operational cost and reduced ink consumption make of NoeCha DOT1 the most cost-effective printer of its category.

# Highest Resolution UV-LED Inkjet Flatbed



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