

premium quality
 UV-LED Inkjet flatbed
 1200 DPI
 Easy to use
 native 1200 DPI
 UV-LED
 wide-format
 cost-effective
 highest resolution
 white
 easy to maintain
 Roll-to-roll
 black material
 cyan
 yellow
 magenta

Premium **quality**

inkjet flatbed printer

Native 1200 x 1200 DPI

Printability on any material

UV-LED cool curing

Cost-effective

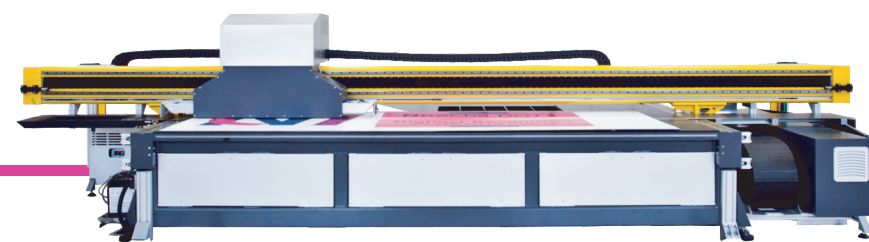
Easy to use

Easy to maintain

Optional white

Optional **Roll-to-roll**

Highest Resolution UV-LED Inkjet Flatbed



NoeCha srl

Via dell'Artigianato, 50 - 24042 Capriate San Gervasio (BG) - Italy
Tel/Fax: +39 02 95761958 - email: info@noecha.com



www.noecha.com

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 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 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 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 ²
Material handling	Optional semi-automatic feeder and stacker system

PRODUCTIVITY

Printing speed	From 33 sqm/hour up to 115 sqm/h
----------------	----------------------------------

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.