



- ✓ Outstanding **quality**.
- ✓ Up to **8 colors**.
- ✓ **Perfect alignment** of material.
- ✓ Industrial design for **non-stop printing**.
- ✓ Production speed up to **850 linear m/h**.
- ✓ Modularity and **Upgradability**.

Technical specifications

Printing

Technology	Piezo Drop-on-demand inkjet technology.
Resolution	Native 600x600 dpi (in single pass with 3 grayscale levels from 5 to 12 picolitres).
Ink system	NoeCha Sublimation inks in 20-litre containers connected directly to the ink system.
Ink colors	CMYK + 4 additional spot colors.
Printing width	1800 mm.

Media

Material	Sublimation paper.	Handling	Continuous feeding system.
Max. roll width	1850 mm.	Paper weight	From 30 to 160 gr/m ² .
Max. diameter	1500 mm.	Max. roll weight	1800 kg.

Rip Software

TextilePro by Caldera

ROLL2 Series

The **NoeCha ROLL2 Sublimation** is part of a printer series designed by NoeCha.

NoeCha ROLL2 20k Up to 612 m²/h. / 340 linear m/h.
NoeCha ROLL2 30k Up to 918 m²/h. / 510 linear m/h.

NoeCha ROLL2 40k Up to 1224 m²/h. / 680 linear m/h.

NoeCha ROLL2 50k Up to 1530 m²/h. / 850 linear m/h.

Print heads

NoeCha ROLL2 is a modular system. It is designed to operate up to 8 channels with **up to 5 print heads** per channel.

The print heads enable **native 600x600 dpi** image quality with up to 3 greyscale levels by controlling the drop size from **5 to 12 picolitres**.

The system is always **upgradable** from one configuration to another, protecting the initial investment.

Industrial design

The mechanical structure of the entire printing line is built in a **very robust** way in order to guarantee **high printing precision** as well as a **perfect alignment** of material handling.

The industrial printing line allows non-stop printing and **high-volume productions**.

NoeCha ROLL2-S is equipped with 2 systems of **automatic alignment** of the paper; the first one is adjusting directly the roll of paper on the winder while the second one, thanks to the **robotic NIP roll**, regulates the pressure on the material.

Drying system

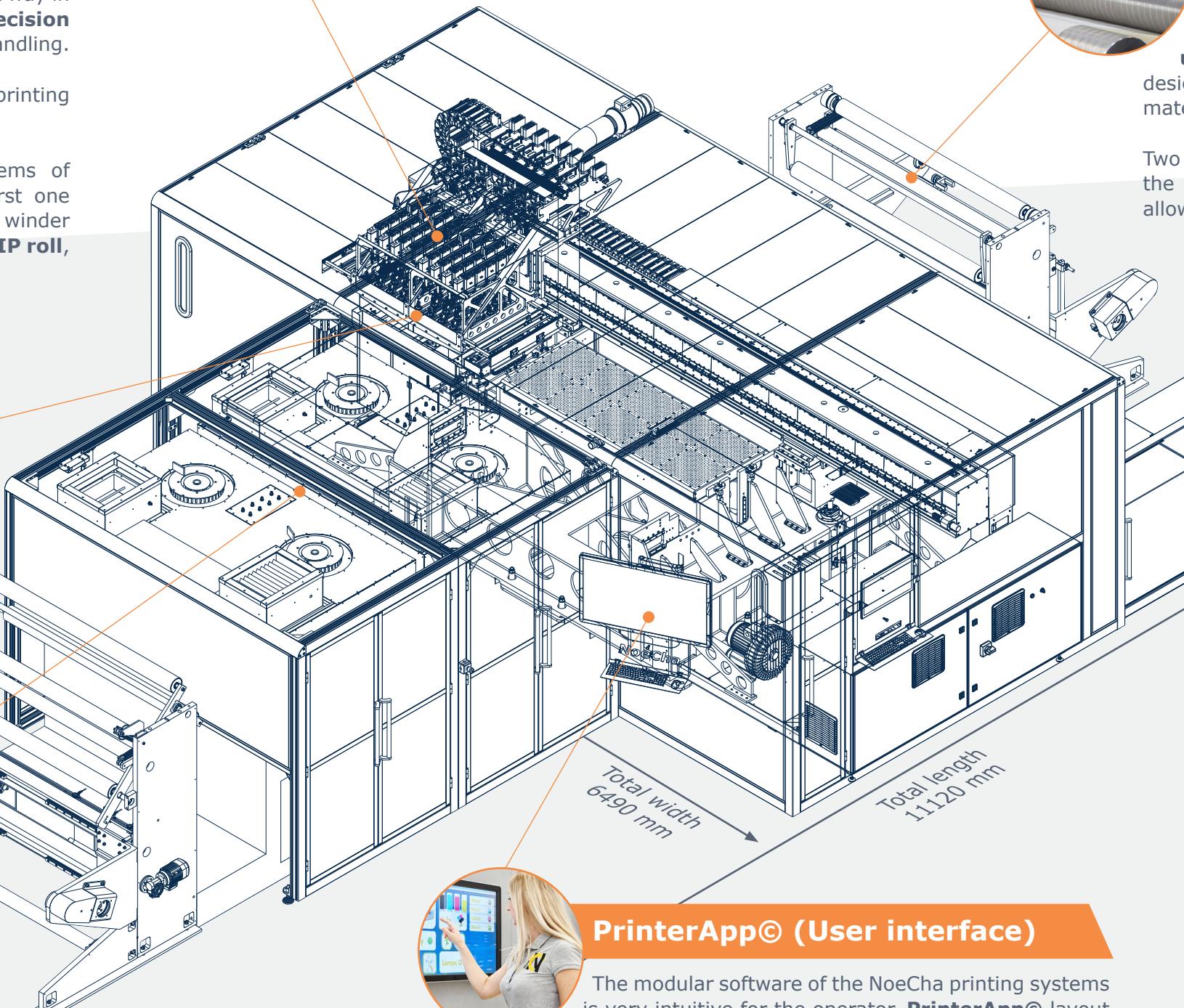
The modular drying system is a high efficiency oven with air recirculation to **guarantee energy savings**.

The temperature as well as the air flow can be regulated in an automatic mode. NoeCha's dryer system guarantees **perfect color fixation** avoiding ink set-off even at the highest speed.

Printing carriage

The printing carriage is solidly built to enable **precise drop placement** even while jetting small drops at **high speeds**.

The structure is equipped with an **anti-crash system** which stops the motion immediately in case of collision, preventing any kind of damage to the print heads.



PrinterApp© (User interface)

The modular software of the NoeCha printing systems is very intuitive for the operator. **PrinterApp©** layout has been carefully designed to get where needed in very few steps.

The application is **touch-screen** and also includes handy functions such as the **nesting function**, the **ink cost calculator** and **video maintenance support** to streamline at maximum the workflow.

3 monitors are available on the printing line in order to control the machine from 3 different sides.

Winder/Unwinder system

The winder and unwinder system is designed in a solid way in order to hold **jumbo rolls** of **up to 1800 kg**. All cylinders have an specific design to allow a correct stretch (elasticity) of the material.

Two different dancing rolls are installed; one for the tension of the material and another one to allow a **non-stop material advance**.

The loading of the roll is made easy thanks to the **shaftless system** and the pneumatic chuck.

Inks

NoeCha ROLL2-S uses NoeCha Sublimation inks which are stored in **20-litre containers** directly connected to the ink system. A scale under each container allows an easy control of the ink levels.

Besides the process colors (CMYK) the ink system allows 4 additional **spot colors**, including **fluorescent** ones.

The ink circuit includes an **ink degassing system** which guarantees precise drop placement and perfect ink flow.



NoeCha ROLL2-S is a wide format roll-to-roll inkjet system dedicated to printing on paper for sublimation transfer, typically for **fashion and sportswear industry**.

Combining **great quality** and high level of productivity, the machine allows printing on rolls of paper of up to 1,8m width at a speed up to **850 linear m/h**.

The industrial design of the printer and its high precision mechanical structure guarantee great performances in terms of productivity, reliability and versatility.



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SUBLIMATION

