NW350
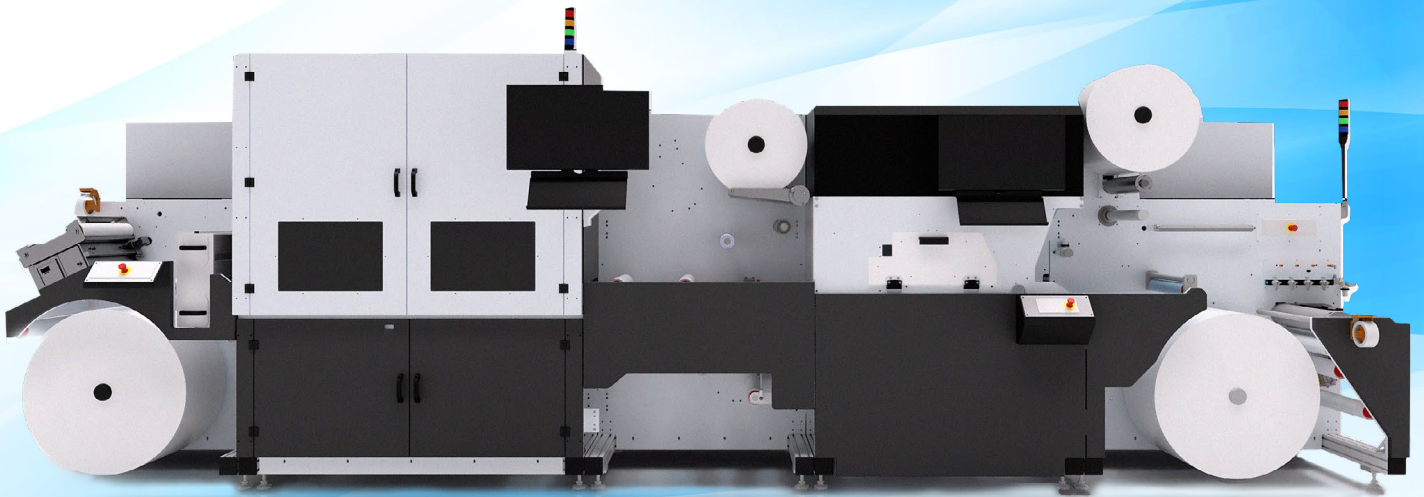
COMBINING PRINTING AND CONVERSION TO PRODUCE FINISHED DIE-CUT VIVID COLOR LABELS

INX···®

POWERED BY
JetINX™
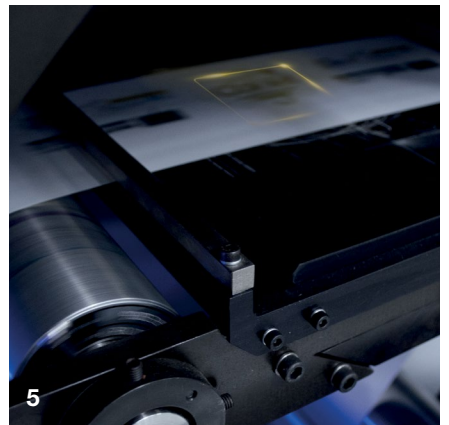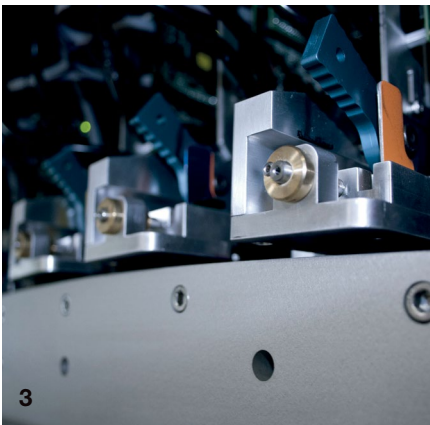
NOTICE
SAFETY GLASSES
REQUIRED
IN THIS AREA

OMEGA 3 CAPSULE
Dietary supplement

Supplement Facts

Heart | Joint | Eye

180 Softgel

RETURN TO STOCK

LAWN GUARD®
MOW TOUGH
175 EZ SERIES
INSTANT START
LITHIUM-ION ELECTRIC START
163cc | 7.25

ISOPROPYL ALCOHOL

3 | 1 | 0

ST. ANDREWS UNIVERSITY
VOLLEYBALL

GLASS
HANDLE WITH CARE

THIS WAY OUT

Danny's
GOURMET ICE CREAM

MADE WITH REAL PIECES OF BAKED COOKIES!

SALTED OATMEAL COOKIE
Buttery Brown Sugar Ice Cream with Vanilla & Oatmeal Cinnamon Cookie Swirls

Let's Get Social
@Dannysgourmet | dannysgourmet.com

1 PINT 473 mL

⚠ **WARNING:**
CHOKING HAZARD - Small parts.
Not for children under 3 yrs.

CE ♻

DANGER
KEEP OUT

GREEK SALAD
Tomatoes, onions, lettuce, olives, bleu cheese

Nutrition Facts

NO PULP
FIZZA
Orange Juice
100% Orange Juice
170 CALORIES PER BOTTLE
12 FL OZ (355 mL)

DANGER
EQUIPMENT LOCKED OUT
REASON:

SIGNED:
DATE: | NO.
NAME: | DATE:
EQUIPMENT ID:
LOCK LOCATION:

ADVANCED DIGITAL TECHNOLOGY FOR NARROW WEB LABEL PRINTING
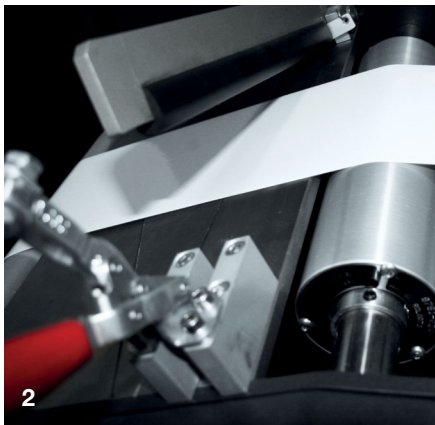
IT'S NOT JUST A LABEL PRESS BUT A REAL BUSINESS TOOL

1-3 Industrial/
4-5 Food & Beverage/
6 Personal Care/
7 Pharmaceutical/
8 Promotional

CAN PRINT ON **100+** MATERIALS

INX®

2

3

5

ADVANCED DIGITAL TECHNOLOGY FOR NARROW WEB LABEL PRINTING

ADAPTABLE
FLEXIBLE
PROFITABLE
EASY-TO-USE
VERSATILE

1 Control Workstation

A powerful double-screen workstation allows the operator to easily check and manage every part of the system, from file upload and mechanical/laser settings to printheads and hydraulic adjustments.

2 Mounting Station

Once the new roll is fixed on unwinder, it's easy to feed it using the bending knife and hook it up to the existing strip. Drive the web and tighten it through the whole path in just a few minutes.

3 Printing Unit

The heart of the NW350 printers are their easily accessible printing tower, equipped with five color stations *(CMYK and White)* recirculating and industrial inkjet printheads**.**

4 Web Cleaning Unit

Utilizes two groups of cleaning rollers combined with rubber rollers to remove dust and dirt. The two anti-static units remove any remaining electric charges.

5 Laser Die-Cutting

A fully-integrated end-to-end workflow is guaranteed by the in-line laser cutting unit. It allows the seamless production of any type of labels starting from digital design to finished product.

6 Heavy-duty rewinder

Finished labels, perfectly printed, cured and cut, are instantly rewound on a motorized roll. Through a quick and easy operation they can be removed, packed and made available for customer delivery and application.

7 Lamination unit

A lamination unit is available for the flood *(full coverage)* lamination of any labels.

8 Corona station

A corona station is available on the NW350 for pre-treatment of substrates with low surface energy. Corona is recommended only for corona-treated plastic materials.

9 Variable data

Customers who need numbering, language versioning or fully-customized labels, even starting from a simple PDF or raster file, can count on the powerful variable-data features of NW Series.

10 Roll-to-sheet unit

A versatile cross-cutting unit is available for in-line cutting of the printed reel. Easily switch from cut labels to direct-mailing and 1:1 marketing campaigns.

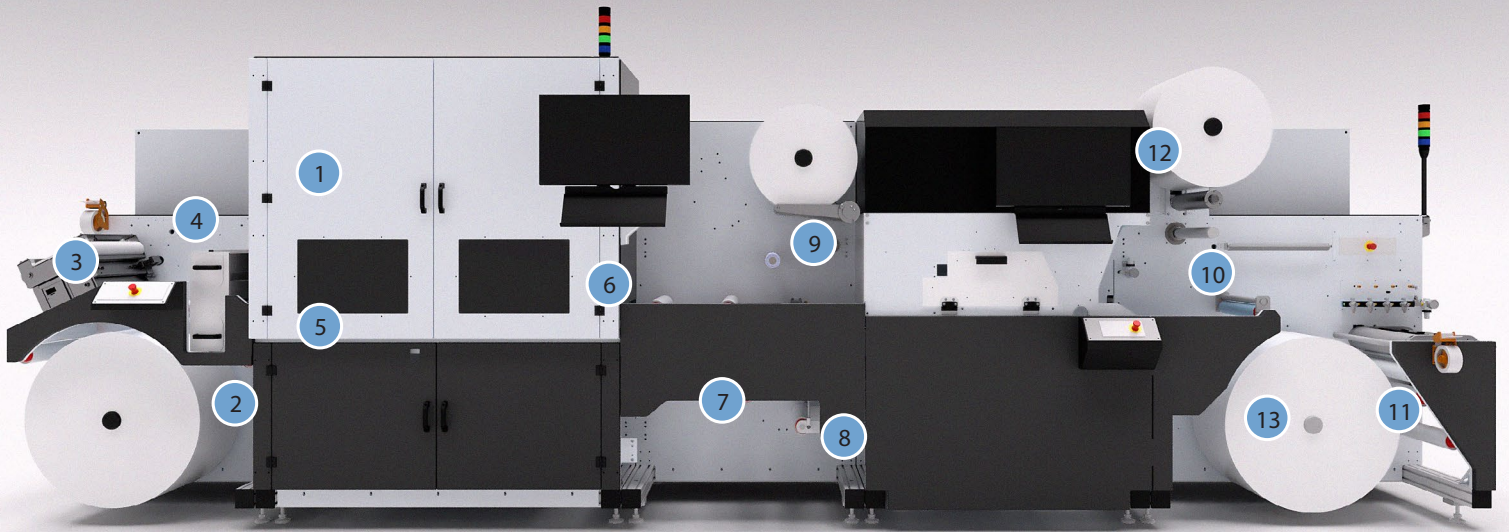## 11 Semi-rotary die-cutting unit
Optional / In place of laser die-cutting

A physical die-cutting unit is available for those customers who require the highest customization in terms of texts, colours, languages and quantities, but have standard label-sizes or limited die-cut changes over the year.

12 Brand protection capabilities

To help mitigate counterfeiting, maintain product and supply chain integrity, covert Track and Trace formulas are available that enables product authentication and verification as well as location services.

VerifyMe®

6

9

INX®

(1) Printer Operating Station

(2) Material Unwind

(3) Splice & Web Steering

(4) Corona Treatment

(5) Web Cleaning

(6) Printing Station

(7) Final Cure

(8) Film Lamination

(9) Laser Die Cutting

(10) Inspection Area

(11) Slitting

(12) Scrap Rewind

(13) Product Remind

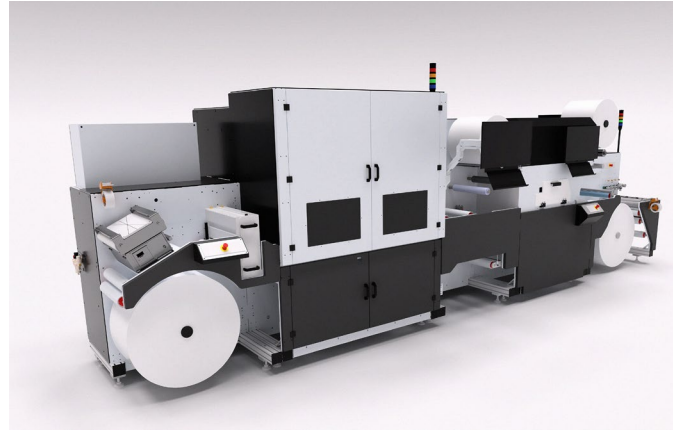|					
UP TO **350** mm ← → PRINTING WIDTH	EPSON S3200 XAAR 1003 PRINTHEADS	Advanced technology UV-LED	UP TO **50** LINEAR METERS PER MINUTE	UP TO 600x1200 dpi DEPENDS ON PRINTHEAD PRINTING RESOLUTION	LEVEL GREY SCALE PRINTING CONTINUOUS TONE
WHITE	CMYK	**450** watt LASER	CORONA	LAMINATION	VDP

ADVANCED DIGITAL TECHNOLOGY FOR NARROW WEB LABEL PRINTING

NW350
SPECIFICATIONS

PRINTHEAD **TECHNOLOGY**

Advanced printhead technology, multi-level grayscale, drop sizes as small as 3 pl*

*Depends on printhead

AVAILABLE **CONFIGURATIONS**

CMYK no laser
CMYK with laser
CMYK + White no laser
CMYK + White with laser
Other configurations available

RESOLUTION

Printing resolutions:
Up tp 600 x 1200 dpi*

*Depends on printhead

PRINT **SPEED**

Up to 160 linear ft. per min. (50m/min), speed depends upon printhead, machine configuration, material, and job complexity

PHYSICAL **DIMENSIONS**

Printer:
Approx 200"W x 61"D x 86"H (est>4400 lbs. (2000 Kg) *(Including lamination and laser stations)*
Chiller: 28"W x 44"D x60"H (for laser station)

MEDIA HANDLING

Print width: up to 13.8' (350mm)*, Media width 15.0" max (381mm), diameter 26.75" max (680mm) core 3' (76mm)

*Depends on printhead

UV **CURING** SYSTEM

UV LED pinning and final curing systems

INKS

UV curable inks formulated for high-speed single pass web printing on a variety of media types

IMAGE **PROCESSING** SYSTEM

ONYX Thrive scalable print production software

LASER DIE **CUTTING**

Laser cutting station with 450 watt laser, maximum finished cut label height = 13.87" (350mm)

ELECTRICAL

Printer:
380/400 VAC 120 Amps 3+N Phase 50/60Hz (depending on configuration)
Chiller:
380/415 VAC 15 Amps 3 Phase 50/60Hz

OPERATING **CONDITIONS**

65-85 degrees F *(18-30 C)*
20% to 80% relative humidity

MEDIA

Paper, polyester, biaxially oriented polypropylene (BOPP), polypropylene (PP), metalized media, and thin aluminum (<0.1mmthick)

OPTIONS

Corona Treatment
Sheeter
Slitter
Laminator

Printer output may vary depending on type of print data file, application, media, environmental conditions, print speed, or other variables. Many of these variables can be controlled by the operator to optimize to production and output quality requirements. Only approved consumables purchased from INX International Ink Co. or authorized distributors and designated for use in the INX NW210 Printer.

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INX