

United Barcode Systems

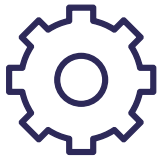
Labeling, Coding & Marking

The right choice



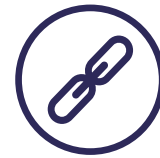
PRODUCT CATALOG

Product coding, Case and Packs coding, Pallets coding, Software, Consumables and UV LED Technology



MANUFACTURERS

Manufacturers of High-Resolution Inkjet Printers, Print & Apply Labeling Systems, Thermal Inkjet Systems, Consumables, and Software Solutions.



INTEGRATION

Is the added value we offer to meet the needs of our clients in their production and packing lines, following international standards and requirements on Labeling, Coding, and Marking.



STABILITY

This is part of our DNA. We have ongoing research and development to design the best solutions to optimize costs, reduce times, and guarantee the best Labeling, Coding, and Marking process.



GLOBAL PRESENCE

Our technologies are part of important industries such as Food and Beverage, Pharma and Cosmetics, Construction and Home Care, and others.

ABOUT US

United Barcode Systems is a privately held company founded in 1994 in San Sebastián – Gipuzkoa (Spain) and headquartered in Vilassar de Mar - Barcelona (Spain). Where from the start we have maintained a global strategic vision that has produced rapid international growth. The company now has a presence in more than 50 countries through our offices, certified distributors, and strategic partners. We are defined by our passion for technology, quality, and excellence as well as our drive to offer our customers solutions for their needs in Labeling, Coding, and Marking.



THERMAL INKJET PRINTERS - TIJ

Coding and marking of primary products



Watch video



Know more

Printing on any surface

Autoconfigurable UBS Cartridges

Up to 120 m/min
printing speed

Each cartridge is
a new printhead

SPIT function
– NO Decaptime

Software for
message design
UBS Designer

Compact and strong
controller and
printhead design

Android connectivity
through TJS AppCode

Management of the product
serialization system using
preloaded files

Fast & Easy integration



*"Unique instant curing system:
UVLED Curing On Board Security System®"*

 Watch video

 Know more

Printing on any surface

Autoconfigurable UBS Cartridges

Security systems:
OBSS y PWM

Each cartridge is
a new printhead

SPIT function
– NO Decaptime

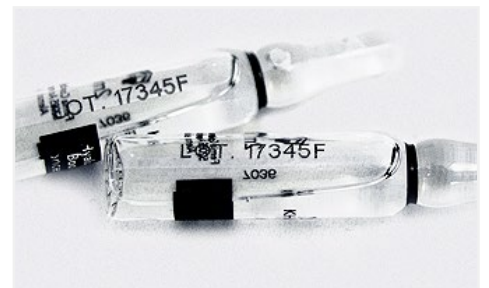
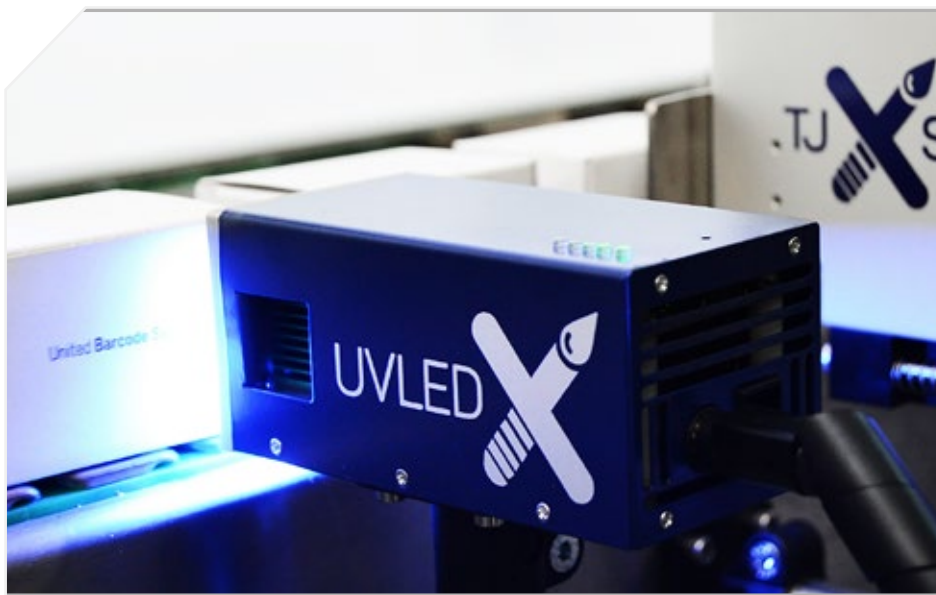
Software for
message design
UBS Designer

Compact and strong
controller and
printhead design

Android connectivity
through TJS AppCode

Clean technology,
no leaking or heavy odors

Fast & Easy integration





HIGH-RESOLUTION INKJET PRINTERS

Coding of porous and non-porous boxes



APLINK LCX High-Resolution Inkjet Printer

*"The most cost efficient & flexible choice
for your production line"*



Watch video



Know more

Height adjustable
modular design

4th generation
piezo electric print head

5.7" full color touch screen
with graphic interface

Printing speed up to
50 m/min (164 ft/min)



100% mineral
oil free ink

Low maintenance

17 mm

72 mm

Resolution up to
180 x 360 dpi

Printing on any porous surface

Printing height 17 mm (0.67")
up to 72 mm (2.83")



 Watch video

 Know more

Height adjustable
modular design

4th generation
piezo electric print head

5.7" full color touch screen
with graphic interface

Printing speed up to
50 m/min (164 ft/min)

Low migration
UVLED curable ink

Low maintenance

Resolution up to
360 dpi

Printing on any surface

Printing height 17 mm (0.67")
up to 72 mm (2.83")





APLINK MRX High-Resolution Inkjet Printer

*"The most practical & flexible choice
for your production line"*



Watch video



Know more



Height and depth adjustable
modular design

Printing height
up to 72 mm

Printing Resolution
up to 180 x 720 dpi

100% mineral
oil free ink

Full color 10,1"
touch screen with
graphic interface



Printing Resolution
up to 180 x 720 dpi

Message editor integrated
with the controller

Printing on any
porous surface

No daily maintenance



"Print and decorate directly on large porous surfaces"

 Know more



Height and depth adjustable modular design

Full color 10,1" touch screen with graphic interface

4th generation piezo electric print head

Message editor integrated with the controller

Printing speed up to 110 m/min

100% mineral oil free ink

Printing height 144 mm

No daily maintenance

Resolution up to 720 dpi

Printing on any porous surface

ECO Ink
mineral oil free
UBS



*"Developed for real time direct printing
on any surfaces in two colors simultaneously"*

 Know more



4th generation piezo electric print head

Height and depth adjustable modular design

Printing speed up to 110 m/min

Warning pictograms and texts according to Reach CLP Regulations

Printing height 72 mm

100% mineral oil free ink

Resolution up to 720 dpi

Message editor integrated with the controller

Printing on any porous surface

No daily maintenance

ECO Ink
mineral oil free
UBS



 Watch video

 Know more

4th generation piezo electric print head

Printing on any surface

Printing speed up to 60 m/min

Unique UV LED instant curing system

Full color 10,1" touch screen with graphic interface

Instant drying of the printed message

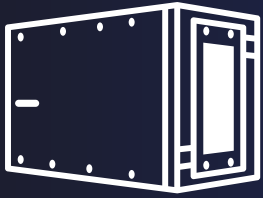
Height and depth adjustable modular design

Message editor integrated with the controller

Low maintenance and cost

Printing resolution up to 180 x 720 dpi





UVLED TECHNOLOGY

UV Led Curing Systems

Know more

Exclusive integrated security system UVLED On Board Security System® (OBSS): prevent the occasional flashing inline.

Two Working modes:

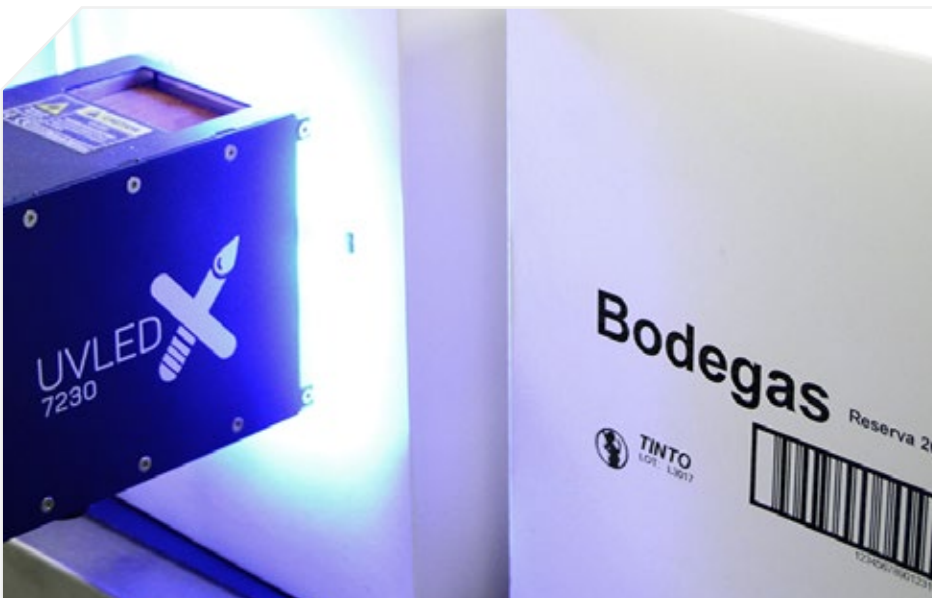
- TTL (Synchronized with the print head)
- Stand alone (configurable lighting time)

PWM, amplitude modulation: Automatic lightening potency regulation according to speed variation. Protect surface from damage. (available only for TJX UV LED).



Air cooling system

Low energy consumption





United Barcode System
UBS

CASE AND PACK PRINT & APPLY SYSTEMS

Print & Apply technology
for secondary and tertiary packaging



Watch video



Know more

Real time automatic print and apply system for any type of secondary group packaging (cases, packs, bundles, etc.)

3.8" touch screen for system parameters configuration

In compliance with GS1 International codification and traceability standards (grade A and B for printed barcodes)

Compact, robust, industrial and compatible with all OEM print engines in the market

Capacity up to 90 labels/min

Digital screen for an easier pressure regulation





Watch video



Know more

**Integrative Multisignal
Communication (APL35si)**

**Digital control vacuum switch
and pressure switch**

**Real time automatic
print and apply
system for any type
of secondary group
packaging (cases,
packs, bundles, etc.)**

**4.3" Full color touch
screen for system
parameters configuration**

**In compliance with
GS1 International
codification and
traceability standards
(grade A and B for
printed barcodes)**

**Compact, robust,
industrial and compatible
with all OEM print
engines on the market**

Speed up to 90 labels/min

**Fast and easy label roll
change (less than 1 minute)**





PALLET PRINT & APPLY SYSTEMS

Print & Apply technology
for secondary and tertiary packaging



Easy integration into any end-of-line

Barcode verifier (optional)

Speed up to 200 pallets/ hour (2 labels per pallet)

Configurable to apply 1 or 2 labels on pallet

Easy access for consumable changeover

Connectivity with any ERP, MES, WMS, DBMS, etc

Compact, robust, reliable y compatible with all OEM print engines on the market

Digital control vacuum switch and pressure switch



APL 8000 Series

APL 8000 SERIES Print & Apply Systems

*"Pallet Print & Apply System for
1, 2 or 3 sides in real time"*



Watch video



Know more

PLC interface for an
efficient control of label
applying sequence

Configurable to apply
1, 2 or 3 labels per pallet

Barcode verifier (optional)

Speed up to 200
pallets/hour for
2 side labeling

Smart Tamp Pad:
- Label sensor
- Label application sensor
- Adaptable to any surface

GS1-128 identifier,
recommended by GS1
international on pallet
labeling

5,7" HMI Display

Connectivity ERP, MES,
WMS, DBMS...

High-speed data processor for standalone
mode and great data storage capacity



APL 8000 ELV SERIES
Print & Apply Systems

APL 8000 ELV Series

"Unique Print & Apply System with automatic lifting system for automatic labeling on double stacked pallets or pallets with variable heights on 1, 2 or 3 sides in real time"

 Watch video

 Know more

Configurable to apply 1, 2 or 3 labels per pallet

Automatic labeling of different heights pallets

Controlled gear motor electronically

Barcode verifier (optional)

Speed up to 138 pallets/hour for 2 side labeling

Smart Tamp Pad:
- Label sensor
- Application sensor
- Adaptable to any surface

GS1-128 identifier, recommended by GS1 international on pallet labeling

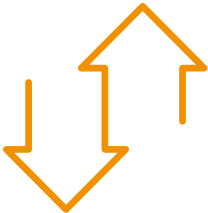
5,7" HMI Display

Connectivity ERP, MES, WMS, DBMS...

Unique in the market



Up to 2.400mm



From 800mm



SOFTWARE

Equipment management and label design

"A new way of creating and printing labels
and messages on just 4 clicks"



Watch video



Know more

1D and 2D barcodes (GS1-128, GTIN-13,
GTIN-14, QR, GS1 DATAMATRIX...)

Support for TrueType fonts

Automatic control
digit generation

Bar width adjustment
capability to achieve
perfect contrast
and 100% readabili-
ty on any porous
surface

Capability to modify
type and size of the
"human-readable"
font in barcodes

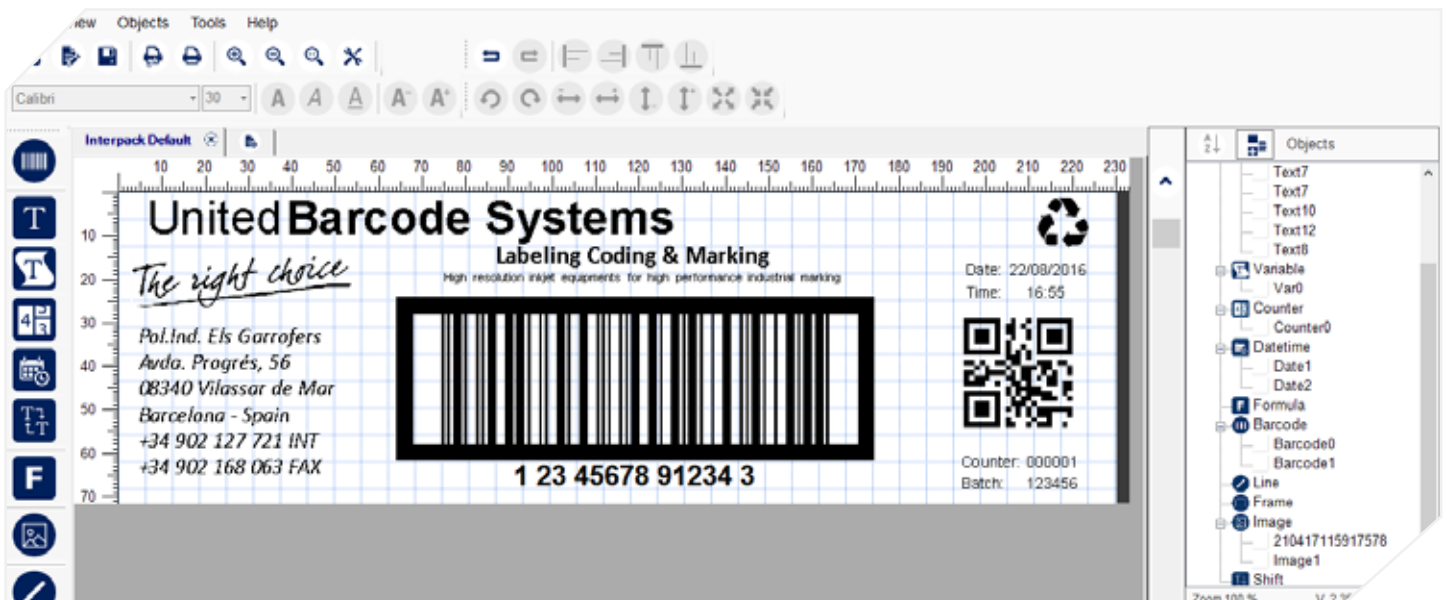


Text wrapping quick
access toolbar

Add your own barcode to the
label customizing its content
with standard compliance
parameters by default

Import images including these
formats: BMP, JPG, JPEG and PNG

Create your barcode with fixed or
variable fields, counters, dates or
combination of all them



"A new way to create and print labels and messages in 4 clicks"

 Know more

Web interface accessible from any computer on the local area network. It is capable of connecting to the customer's data source (ERP; Web Service, OPC, ...)

Monitors the labeling process and the status of the equipment.

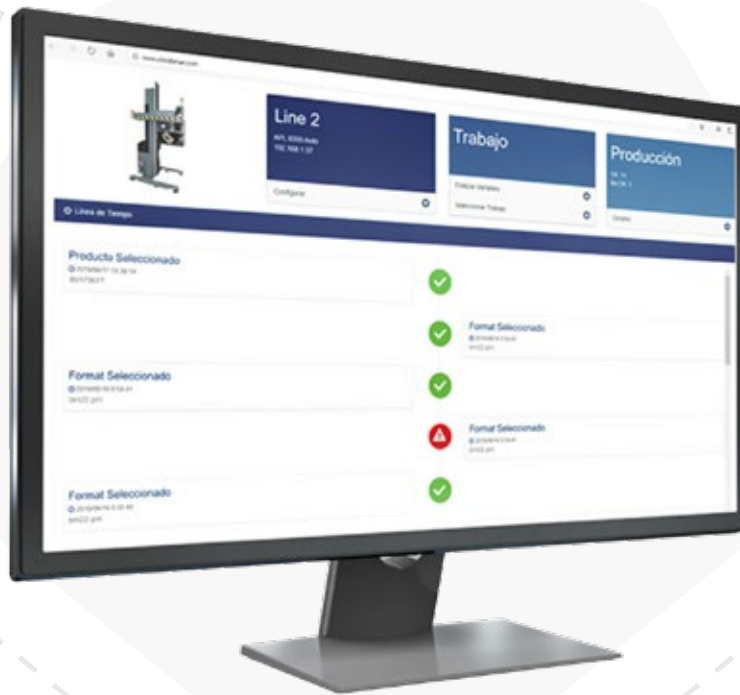
Modular, scalable and adaptable to any type of production line

ERP / WMS integration

Real time data management. Printed information can be registered immediately in the client's ERP/WMS

Connection with multiple data sources

Multi-user: different users can be assigned access to specific printers to help control processes



Increases production efficiency and line effectiveness

Preview the label before sending

Plant: Plant Sensient | Line: Box Line

Zebra ZE600 Box
MANUAL



Online: ■
10.10.16.9

Current Job:
JobBT2
Current Format:
LabelSensient.txt
Current Product:
 80174539 -

OPC_DIRECT_BXCSSL
APL8300



Online: ■
10.10.16.10

Current Job:
JOB_BXCSSL
Current Format:
 Stock_Label_BOX.txt
Current Product:

OPC_DIRECT_AFBXPRL
APL8300



Online: ■
10.10.16.8

Current Job:
JOB_BXCSSL
Current Format:
 Stock_Label_BOX.txt
Current Product:

OPC_BARTENDER_BXCSSL32
APL8300



Online: ■
10.10.16.9

OPC_NBEBXPRL1
APL8300



Online: ■
10.10.16.6

OPC_NBEBXPRL2
APL8300



Online: ■
10.10.16.7



CONSUMABLES

Ink



UV BASED INK BOTTLES

Black and various color ink

Container:
1,000ml and 500ml bottles



Printable Materials:
All types of substrate

Drying time:
Instant by polymerization

Storage Conditions:
From + 10 ° C to + 35 ° C in dry
and clean environment

OIL BASED INK BOTTLES

Black and various color ink

Container:
1,000ml and 500ml bottle



Printed Materials:
All types of porous substrate

Drying time: Instant

Storage Conditions:
From + 10 ° C to + 35 ° C in dry
and clean environment



CARTRIDGES HP 2.5 FOR WATER BASED INK and SOLVENT BASE INK

Colors: Black
(Others available on demand)

Container:
40ml cartridge



Printable materials:
Water based: all types
of porous substrate
Solvent based: all
types of surface

Drying time:
Water based: Instant
Solvent Based: Fast depending on surface

Storage conditions:
From + 10 ° C to + 20 ° C in dry and
clean environment

CARTRIDGES INK UVLED HP 2.5

Colors: Black
(Others available upon request)

Container:
40ml cartridge



Printable materials:
All types of surface

Drying time:
Instant by polymerization

Storage conditions:
From + 20 ° C to + 35 ° C in dry and
clean environment



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