

UBS APL80s



UBS United Barcode Systems
Labeling, Coding & Marking

Pallet labelers

The new United Barcode Systems APL80s series print and apply labelers are purpose designed for labeling on 1-3 sides of pallet goods. As a robust system that is manufactured with high-quality materials, the APL80s excels in operating in challenging production environments.

Product features

- Manufactured to meet GS1-128 barcodes and the application identifiers (AI) recommended by the GS1.
- 10" colour HMI with user-friendly graphical interface to control all parameters.
- Dedicated to automatic labeling of the pallet on 1,2 or 3 sides even in hostile industrial environments with high production volume.
- Compatible with any OEM print engine in the market (203dpi or 300dpi) depending on integration and labeling needs.
- Easy installation and integration into any production line. Wide connectivity range allows connect it to any automatic device on the line, manage and transmit data to or from any ERP, MES, WMS or DBMS using UBS Designer® message editor and UBS Labman® Software.

System functionality

- Configurable to apply 1, 2 or 3 labels per pallet.
- Controlled by a PLC, easily adaptable to any end-of-line using synchronization and guided alarm signals.
- Label presence sensor, applied label detector, and shovel adaptable to irregular surfaces.
- Barcode verifying scanner.
- Speed up to 180 pallets/hour for 2 side labeling.
- Integrated light beacon and external light and acoustic beacon to ensure status awareness from any location on the production line
- High performance and reliability.
- High-speed data processor for standalone mode and great data storage capacity.
- Easily accessible and quickly interchangeable consumables.
- Maximum label roll diameter 350mm which provides 15% more labels.

Technical Specifications

TECHNICAL FEATURES	
PRINT ENGINE	ZEBRA, SATO
INTERFACE	RS232, USB, ETHERNET
PRINTING RESOLUTION	FROM 203 UP TO 300 dpi
LABEL ROLL	Max. diameter: Up to 350 mm / 13.8"
RIBBON ROLL	RS232, USB, Ethernet, Wireless (optional)
DISPLAY	10" HMI
POWER SUPPLY	110 / 240 VAC, 50 / 60 Hz
WORKING TEMPERATURE	From + 4°C / 39.2 F up to 45°C / 113 F From + 4° / 39.2 F up to 70 °C / 158 F (Optional Cooling System)
HUMIDITY	Between 20-85% non-condensing

Models

APL81s

1 Label
10 pallets / min



APL82s

2 Labels
3 pallets / min



APL83s

3 Labels
2 pallets / min



Available APL80ELV version has a gearmotor driven lifting system that allows the labeling of stacked pallets and pallets of different heights, allowing labels to be applied from 850mm to 2450mm.

