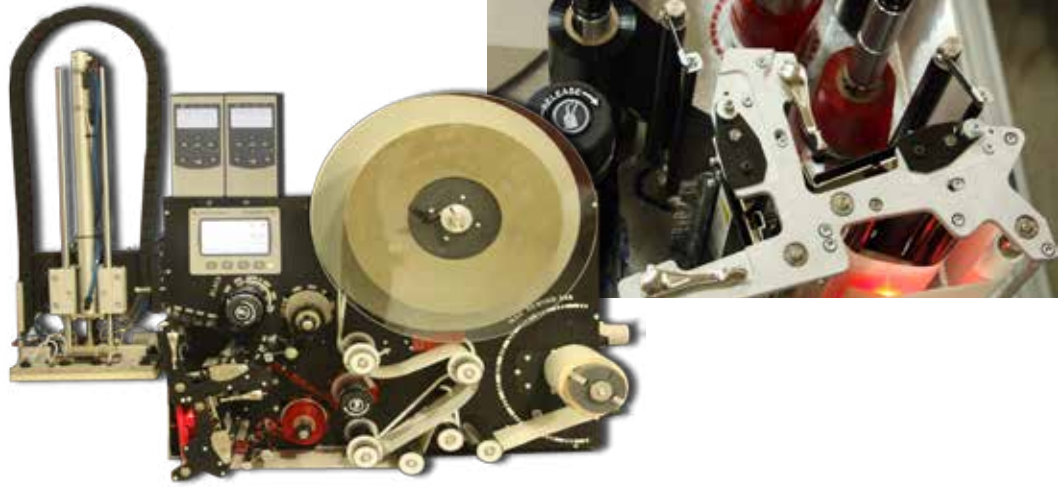


# FOX IV Tandem II™ Printer-Applicator



**FOX IV Technologies Tandem II™** is our latest generation of two-station label print and apply. It is designed to tackle non-traditional label printing applications such as GHS labeling, two-color on-demand printing, trace and trace, harsh environment labeling and promotional labeling.

**Reliable Design:** The Tandem II™ is built in the USA by FOX IV using industry leading printing technology from Zebra Technologies - no proprietary print heads or unique data streams. With either 6.7" or 8.5" wide printing versions, the Tandem II™ prints and applies two-color labels from 3" up to 24" long. Designed to FOX IV's high standards, it can handle continuous operation in industrial and warehouse environments. Of course, the Tandem II also includes FOX IV user-friendly features such as printed label and ribbon paths, Swing-Away Cylinder assembly (for units with cylinder application), easy to access and use controls, and external pressure adjustments.

**Easy to integrate:** The Tandem II™ features an Allen-Bradley PLC control

system, modular print engine and large 4.3" diagonal full color HMI. With its bi-directional communication through an addressable Ethernet I/O, integrating the Tandem II is seamless. The Warehouse Control System can pull information directly from the Tandem II™ PLC controller through the Ethernet network allowing remote monitoring and data collection. It can also be run with a PC as a stand-alone labeling system. Additionally, customer specific PLC tags can be written and included in data outputs.

### Applications:

- *Two-Color Labels/GHS Labeling*  
- Print two color labels such as GHS labels
- *Track & Trace Covert Marking*  
- Add UV codes and barcodes for brand protection, anti-counterfeiting
- *Authentication*  
- Print Holograms on labels for authentication and anti-counterfeiting
- *Digital Lamination*  
- Digitally laminate all or select portions of the label for environmental protection

### FEATURES

- Two print stations
- Zebra Print Engines
- Allen-Bradley PLC control with large 4.3" full color HMI
- Large 16" OD roll of labels for extended production.
- Ethernet addressable bi-directional communication
- Industrial design
- Standard and custom application apparatus
- Desktop Version available

# TECHNICAL SPECIFICATIONS - Tandem II™ Printer-Applicator

MODELS: Tandem II™ Label Printer-Applicator  
Tandem II™ Desktop Printers

Printer Details	Zebra Based Tandem
Method	Thermal Transfer or Direct Thermal - application based
Resolution	203 or 300 dpi (600 dpi optional on 4.5" wide unit)
Max. Print Speed	up to 14 ips (355.6 mmps)
Max. Print Length	up to 14" (356 mm)
Max. Print Width	4.5" (114 mm), 6.7" (170 mm), or 8.5" (220 mm)
Size (exclusive of applicator)	28.5" H x 16.5" D x 26" W - 6.7" (170 mm) model (724 x 419 x 660 mm)
Weight	Approx. 128 lbs (58 kg),
Media	
Max. Label Roll OD	16" (406 mm)
Label Roll ID/Core Sizes	3", 5" or 6" (76, 127, 152 mm)
Ribbon Roll	1" (25.4 mm) ID x max. 3.2" (81.3 mm) OD, approx. 450 m, ink side out
Operating Environment	
Power Supply	Universal w/power-factor correction 90V-264V AC, 48-62 Hz
Air	80-100 psi
Temperature	40° - 104° F (5° - 40° C)
Relative Humidity	Max. 95% non-condensing
Applicator Options	
Swing-Away Cylinder (standard), rotary actuator, Repeater™ two-panel, Sidewinder™ wrap-around, tamp, tamp-blow, blow-on, gimbal pad, vacuum belt, custom application methods	
Interfacing Capabilities	
<ul style="list-style-type: none"> <li>Ethernet, RS232, Serial, USB, Optional: Parallel, RS422/485, Wireless IEEE802.11 * model dependent</li> </ul>	
Bar Code Symbologies	
All major linear and 3D symbologies	
Options & Accessories	
<ul style="list-style-type: none"> <li>Enclosures, safety stops, I/O Package, alarms &amp; beacons</li> </ul>	



GHS Labeling  
Track and Trace  
Anti-Counterfeiting  
Harsh Environments  
Promotions

Specifications subject to change without notice.



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