

## The Franwell HF/UHF Conveyor Tunnel™

The Franwell HF/UHF Conveyor Tunnel is designed for scanning products automatically with a RFID integrated system in a pick, pack and ship pharmaceutical environment. The conveyor combines both HF and UHF frequencies for optimal performance of reading RFID tagged products in a conveyable shipping container or tote.

<b>Benefits and Features</b>	
<ul style="list-style-type: none"> <li>√ Improved order output</li> <li>√ Improved inventory accuracy</li> <li>√ Improved pedigree compliance</li> <li>√ Less Credit Returns</li> </ul>	} = ROI
Dual frequency	HF band, 13.56 MHz UHF band, 902-928 MHz
Tag orientation independent reading	360° reading performance
High performance read rate	Capable of reading multiple tagged products within a full tote.
Protected against the environmental RF noise	RF shielding materials on the tunnel sides improve the read accuracy by blocking the outside noise and increasing the read performance.
Adjustable legs	The height of the tunnel can be customized to your needs
Software support	Custom software support and integration to manage the collected data is also available
<b>Specifications</b>	
Dimensions (H x W x L):	Inside dimensions of the tunnel: 14" x 14" x 96" (35.6cm x 35.6cm x 243.8cm) Outside dimensions of the tunnel: 27" (above the belt) x 37" x 96" (68.6cm x 94cm x 243.8 cm)
Weight:	1200 lbs (544.31 kg)
Conveyor:	PVC 120 belt with lace and pin - 12.5" (31.8cm) belt width
Conveyor speed	Variable
Air Link Protocol:	UHF: EPC Class 0,0+, Class 1 and Class 1 Gen 2 HF: - ISO15693, ISO18000-3-A - NXP I-Code 1, I-Code UID, I-Code EPC

RFID tagged products are placed in a tote from the user's system generated pick ticket. Then each tote is scanned while passing through the HF/UHF tunnel. The display monitor allows the tote accuracy to be monitored and compared with a pick ticket. If the items inside the tote match with the original pick ticket, the tote continues on conveyor to the shipping dock. If the products in tote do not match 100% with the original pick ticket, the tote is diverted for a second run or a quality control check.

