

AUTOVEYOR™ vs. TUBE SYSTEM

	AUTOVEYOR™	TUBE SYSTEM
MOTOR	One ½ H.P. positioned above customer vertical – runs only when in operation – life cycle 200,000 hrs. MTBF	Multiple ½ - 3 H.P. semi-continuous operation with rated life of only 500 hrs. per motor
POWER	120 A.C Single Phase, 20 amp circuit – No power required at the customer island	Requires 30 amp circuit and power at the customer island, costing up to \$1,000
CARRIER	10" X 4-1/4" X 1-1/2" – Replacement cost under \$10.00 each	Plastic cylinder, normal size is 4" most can not handle rolls of coin – replacement cost \$25-\$100
DRIVE MEDIUM	Positive drive polyurethane belts – HD also uses flat belt conveyor for horizontal movement only	Pneumatic passive drive
CARRIER ACCESS	Anywhere along its route	Only at end of downsend installations w/o major dismantling
AUDIO SYSTEM	Application specific and expandable for use with monitors and cameras – system can be operated while AV in use	Cause of numerous service calls, majority are built by third party – not application specific – system can <u>not</u> be operated while tube is in use
THIRD PARTY REVIEW	UL Listed and Classified	May or may not have third party certification – some only have certain components certified, not entire system
CONTROLS	Solid State with digital logic	Some solid state, some relay based
EASE OF USE	Transactions lie flat in lightweight box. Easy to open & close. Box used to sign checks and labels in lid	Transaction must be curled inside cylinder carrier; Access may be difficult for some.
DEPENDABILITY	Practically immune to jamming except by deliberate vandalism	Can be jammed easily if too much weight, always susceptible to condensation
WARRANTY	5/10 Year from manufacturer	One year with option to purchase additional years of extended warranty.
MAINTENANCE	Little, if any required, parts are standard stock items	High maintenance items, replacement parts only from factory, motors have low MTBF
BUILT-IN DIAGNOSTICS	Both AV models	Few, if any
LINE OF SIGHT	8" X 8" Powder coated aluminum enclosure with carrier opening angled so customer is always viewing the teller	Translucent tubing sometimes positioned in a large rectangular box positioned on the customer island – very difficult to see over or around
CANCEL TRANSACTION	Carrier can be cancelled during the run and returned to the customer or teller	Can <u>not</u> be done with a passive drive system
CAPACITY	Retail AV up to 5 lbs.- HD up to 26 lbs. Also allows coin transport	Up to 1 lb. – signs “no rolled coin” Passive drive systems can not carry heavy or larger items
COST	Higher initial cost over tube, however, this is offset by lower life cycle cost, reduced installation cost and value of longer warranty	Initial cost lower, life cycle much higher, parts replacement and additional cost for extended warranties and installation