

## **SCRIPTPACK™** **SEMI-AUTOMATIC PHARMACY PACKAGING SYSTEM**

### **SYSTEM DESCRIPTION**

The Script Pack semiautomatic packaging system is designed specifically for the Mail Order Pharmacy industry. The design, engineering and manufacturing philosophy RXAS applies in this system provides component redundancy throughout multiple cost-effective workstations. Each Script Pack can be configured to match a specific facility's packaging requirements, footprint (AutoMed, SI Baker or Knapp pharmacies) and the fluctuation in production volumes.

The Script Pack system incorporates a "plug-n-play" design that minimizes times for consumable and component change out. The Script Pack system is available as a base system that can replace existing manual pack stations. Options include tote, bottle, and supertote infeed conveyors, empty tote or puck take-away conveyors, package takeaway conveyors and a versatile system controls platform. The Script Pack can be configured to meet any application in the Mail Order Pharmacy. The packaging philosophy at RXAS is to control, maintain and maximize all packaging content queuing. With this approach, the content to be packaged is pushed through each station, in turn, changing the current manual "pull" process into an organized "push" configuration for the operator.



The photograph above presents a single Script Pack system with puck infeed and empty puck takeaway optional components. All systems are designed for use by a single operator and are guaranteed to process an order every 12 seconds (order in the pharmacy environment).

The following pharmacy content can be used as a guideline to average 300 packages/orders per hour:

- Three (1 to 3) pharmacy products per order (each scanned prior to loading)
- Five (1 to 5) order specific printed documents
- Two (0 to 2) envelopes or promotional products

### **SYSTEM COMPONENTS**

#### **SCRIPT PACK WORK STATION -**

The standard Script Pack workstation is designed for the following:

- Provides an operator ergonomic layout
- Plug and Play configuration for system components
- Allows for ease of integration within (AutoMed, SI Baker or Knapp pharmacies)
- Quick component change out
- Provides a redundant packaging solution

### **FOR MORE INFORMATION CONTACT:**

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Within the Script Pack workstation, the Print Fold Station and Automated Packaging System's (APS) AB-180 OneStep Pack Station are standard components. The following is a breakdown of each component's features and specifications.

## LITERATURE PRINT/FOLD STATION

- Two Kyocera FS-4000DN two drawer printers
- Integrated Barcode Scanner insures literature matches order
- Folder design to accommodate 8.5" x 11" paper (pre-prints or forms)
- Folder design provides a single fold of 8.5" x 11" paper with a min of 1 sheet and a max of 30 sheets
- Design within a small footprint that manages a queue of 7 orders
- Stand alone design with quick printer change out
- Internal controls for QMSI handshake



## AUTOMATED PACKAGING SYSTEM'S AB-180 ONESTEP BAGGING SYSTEM



- Stand alone design with quick bag and printer ribbon change out
- Print-On-Bag Technology with internal barcode reader. Performs a 1 to 1 print ratio
- Standard Autobag brand "bag in a box" configuration, fan fold box contains 1200 bags per box
- Replace-n-Repair components ensure maximum uptime
- Autotouch operator interface enables easy job set-up and rapid recall
- Operator light curtain for safety and controls verification
- Internal controls for QMSI handshake

In addition to the standard equipment, RXAS offers several optional components that integrate easily into the "plug and play" configuration. The following options can be configured at the time of initial purchase or at a later date when packaging requirements change.

## EQUIPMENT CONVEYOR OPTIONS - All conveyors are 6' powered unless otherwise noted.

- Tote In feed  
Includes product read & transfer to maintain a queue of 7
- Tote Takeaway  
Powered conveyor (common for two station configuration)
- Bottle or Puck In feed  
Includes product read and transfer to maintain a queue of 7
- Puck Takeaway  
With puck read and bottle not present sense
- Package Takeaway



Script Pack 4' Package Takeaway Conveyor Feeding Optional Inclined Flighted Conveyor

## PACKAGE MAIL MANIFEST

- Bottle Manifest - The upstream standalone bottle manifest/weight station is an option that can be integrated ahead of each packaging station(s). Within the QMSI controls platform and handshake to pharmacy platform; bottle weight, shipping method and final package weight are controlled.
- Tote Manifest - The upstream standalone tote manifest/weight station is an option that can be integrated ahead of each packaging station(s). Within the QMSI controls platform and handshake to pharmacy platform; tote weight, shipping method and final package weight are controlled. A final tear weight is used to maintain individual tote accuracy.

## QUALITY MANUFACTURING SYSTEMS (QMSI) CONTROLS OPTION

The optional QMSI control interface controls product queuing, order verification, mail manifest and order closeouts within the Script Pack process. The following content is provided with this option:

- QMSI Software package for one station Script Pack system
- Local operator PC station
- Interfaces to all QMSI, AutoMed, Baker and Knapp pharmacies
- Station software licenses

## **PROCESS SEQUENCE**

Orders (totes/super totes/vials or pucks) are indexed or metered to the operator by the QMSI control system. In parallel, the appropriate bag will be printed on, verified and indexed to the product load position. Also performed in a simultaneous process, the appropriate literature packet will be printed, verified, folded and presented to the operator. Operator scans order content (vial(s) or unit of use product(s)) then places into bag. The folded lit pack is then picked and any optional promotionals are inserted and all items are placed into bag. The QMSI control system will verify that the operator has scanned all order contents. In the event of a product cross contamination, QMSI controls platform will automatically shut down and require supervisor intervention to recover product integrity and to reinitialize the equipment. Operator depresses index foot pedal (operator cannot index system without scanning complete order) in order to seal bag. The bag is then sealed and is automatically discharged to the package takeaway conveyor. This sequence is repeated when complete.

## **SCRIPT PACK FACILITY REQUIREMENTS**

RXAS has designed the ScriptPack system for a simplified integration into the existing Mail Order Pharmacies.

The following facility requirements are required within a typical installation:

- 120 volt AC
- 100 PSI of clean dry air
- Internal Pharmacy handshake to QMSI controls system (provided with system specification)

## **DUAL SYSTEM CONFIGURATION**

The Script Pack design allows the end user to combine the right and left hand designs to configure a dual packaging station. This layout allows specific sequences to be combined to maximize the above options necessary to complete the process. Each facility layout will be tailored specific to the end user's process and available footprint. The photo below shows a Dual Script Pack Packaging Center For Tote processing.

