

### Rapistan Systems Limited

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#### Airport baggage check-in equipment

■ From simple hand loading behind counters to automated baggage readout stations, Rapistan Systems Limited offers a full range of products for outbound check-in applications. The company produces a tray system that allows a high degree of automatic handling. Each tray is coded for a specific destination and monitored by scanners along the line. The tray is automatically merged and diverted to the proper destination. The company also offers a conveyor system that allows movement of baggage from the check-in counter to the sorting or baggage make-up area. The design of the turning devices and transfers helps baggage maintain its orientation during transportation, and the special sideguards and belt curves help prevent baggage hang-ups. Rapistan also manufactures an automatic vertical conveyor for areas where space is a problem and interfloor transport is required. Rapistan applies linear conveyers, recirculating devices or even computer-controlled sorting equipment to sort baggage on

the outbound baggage make-up area according to terminal requirements. Linear conveyers provide quick release of baggage at airports where a small number of simultaneous destinations must be served. Recirculating devices in oval, triangular or L-shape accommodate a great number of carts for various destinations. Computerized sorting units may be applied for high-volume requirements.

#### Baggage claim units

Rapistan manufactures a variety of inbound claim devices including a Crescent unit, a Tri-Planar unit, a Jetclaim unit, a Mono-Planar unit, and a Mono-Claimar unit. The Crescent conveyor unit provides maximum claim frontage within a limited floor area. The construction of the Tri-Planar unit allows handling of a wide range of sizes and weights of baggage and an unlimited range of design configurations. The Jetclaim unit is one of the most versatile and flexible baggage dispensing systems available. Its modular design permits it to be reshaped, enlarged or relocated.

#### Customs inspection tables

The company also offers specialized customs inspection tables in a variety of configurations to suit specific terminal requirements. A typical Rapistan-designed customs inspection table features inclining and declining sections at either end, push-button controls and conveniently located panels on each side for easy access to the motor, drive train, electrical panels, controls and belt take-up assembly.

#### Company Profile

Rapistan, an organization with a broad international pool of material-handling knowledge and experience, has manufactured and installed conveyorized baggage handling systems at more than 150 airports in locations that include Algeria, Brazil, the Caribbean, Central America, Egypt, Europe, Indonesia, Japan, Jordan, Kenya, Nigeria, Saudi Arabia, the United Kingdom, the United States, the Soviet Union and Venezuela. Rapistan offers the following: advanced consulting services to clients contemplating major additions or reorganization of their baggage handling operations; design services to achieve efficient baggage handling systems; on-site implementation and installation to assure proper equipment performance; and equipment maintenance services. Rapistan, with a 7 430 m<sup>2</sup> (80 000 sq. ft.) modern manufacturing facility located in Mississauga, Ontario, has a staff of approximately 120 employees. Rapistan manufactures products for outbound check-in applications, outbound baggage transportation, outbound baggage make-up, inbound baggage unloading and transportation, inbound baggage claim, and customs inspection.



Computer-controlled baggage puller sorts baggage



Mono-Planar conveyor unit