



## Vertical Sorter Unit (VSU) Vertical Merge Unit (VMU)

### Product Overview

The Robson Handling Technology USA Inc Vertical Sorter Unit (VSU) smoothly separates baggage from one conveyor line into two conveyor lines. The Vertical Merge Unit (VMU) merges baggage from two conveyor lines into one conveyor line. The VSU/VMU innovative design is durable and efficient and allows for rapid sortation.

With a minimal maintenance requirement, the VSU/VMU will operate trouble free throughout the design life. The VSU/VMU features bi-fold doors for easy access that is unparalleled in the industry.

The VSU/VMU uses industry standard lubed-for-life bearings and other non-proprietary components to keep overall cost of ownership to a minimum.

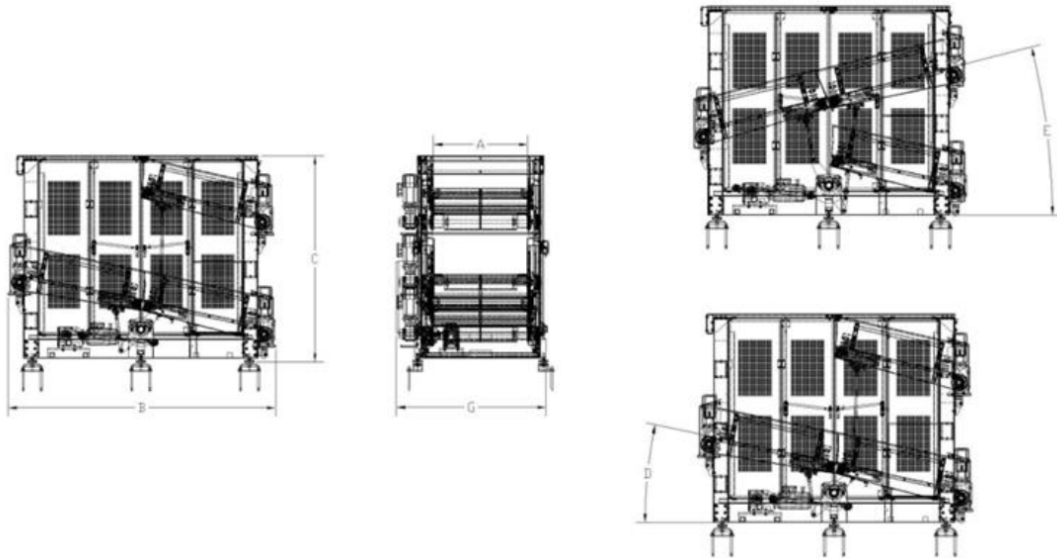
Using integrated software and control systems, sortation and tracking of baggage throughput with the VSU/VMU is easy and cost effective.

### Features

- Up to 40 sorts per minute
- Robust, durable, and efficient design
- Cost effective automatic sortation
- Ease of maintenance
- Variable speed

### Available Accessories

- ✓ Paint color matching to customer paint sample.
- ✓ Fully automated control system with PLC.
- ✓ Alternative conveyor drives.
- ✓ Optional door styles



### Technical Specifications

Frame Construction	Powder Coated Formed Steel Structure
Conveyor Width (A)	39-1/4"
Length (B)	111-9/16"
Height (C)	89-25/32" thru 95-25/32"
Incline Angle (D)	12 Degrees
Decline Angle (E)	14 Degrees
Door Clearance (F)	89"
Width (G)	65-13/16"
Weight	4500 lbs.
Sideguard Height	12"
Sorter Drive	Shaft Mounted Gearmotor
Conveyor Drive	Shaft Mounted Gearmotor
Conveyor Speed	30 - 300 fpm
Maximum Sort Rate	40 cpm
Load	Height - 1/2" – 36" Width - 2" - 36" Length - 4" – 54" Maximum Weight - 120 lbs Operation
Noise	<68 dBA @ 3 ft., 98 fpm

Robson Handling Technology USA Inc  
129 S Main St #260  
Grapevine, TX 76051 USA

+(1) 469 300 0410  
sales-usa@robson-usa.com  
www.robson-usa.com