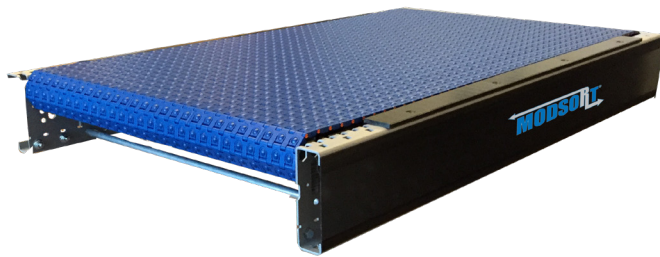


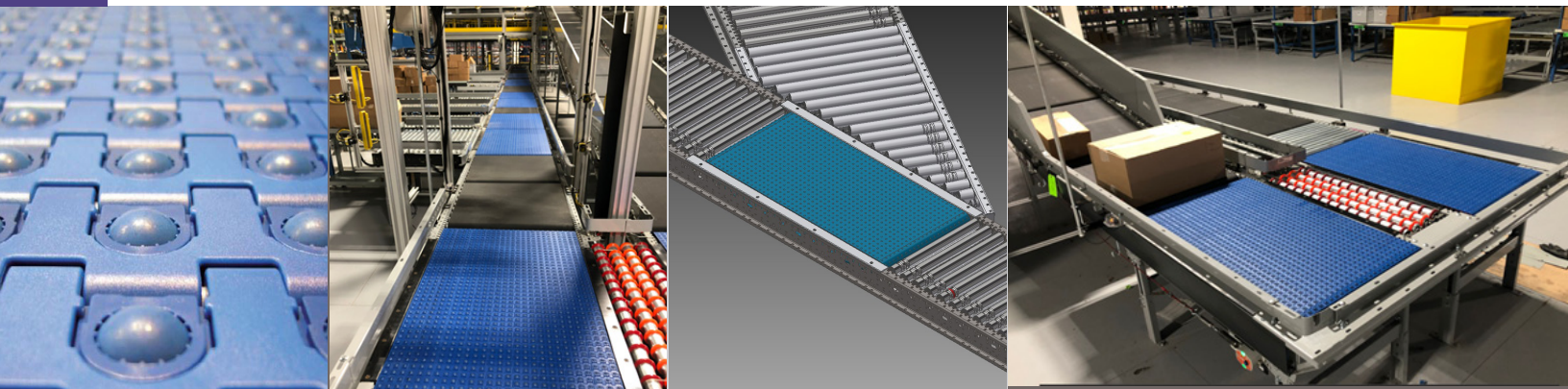
# Modsort® Transfer & Divert Module



The Modsort® Transfer & Divert Module is comprised of AutoRoll+™ motor driven roller conveyor and features the Modsort® drop in divert module. It is ideal for small parts and can be configured for various applications including transfers, pick & pass operations, sorting systems, reject handling, and alignment. The module drops into our standard CSC side frame, seamlessly converting it into a divert bed that can be installed in a new or existing system. It does not require air and it runs on 24VDC power.

The carrying belt transports product through the zone. When the divert belt is activated, it can divert packages left or right. Both belts are driven by energy efficient MDR run on demand technology. The 1" sphere centers transfer a wide array of products. Modsort® is ideal for handling polybags and smaller packages (100 x 100 mm) with minimal gaps between products.

Energy efficient, quiet, and low maintenance, it provides zero contact, zero pressure accumulation and conforms to our standard zone lengths.



## Mechanical Characteristics

### Bed Section

8" Deep. Drops into 6" deep x 10 gauge CSC frame.

- 48" long with max divert width of 36"
- 36" long with max divert width of 24"

### Drive Rollers

(1) 24VDC lagged motor driven roller. Includes wire harness and motor control card. Roller at discharge of the unit friction drives the belt.

### Carrying Belt

System Plast 2253RT roller top belt. Blue plastic belt with blue roller balls on a 1"x 1" pattern.

### Divert Belt

MDR driven crossbelt running perpendicular to the carrying belt.

### Finish

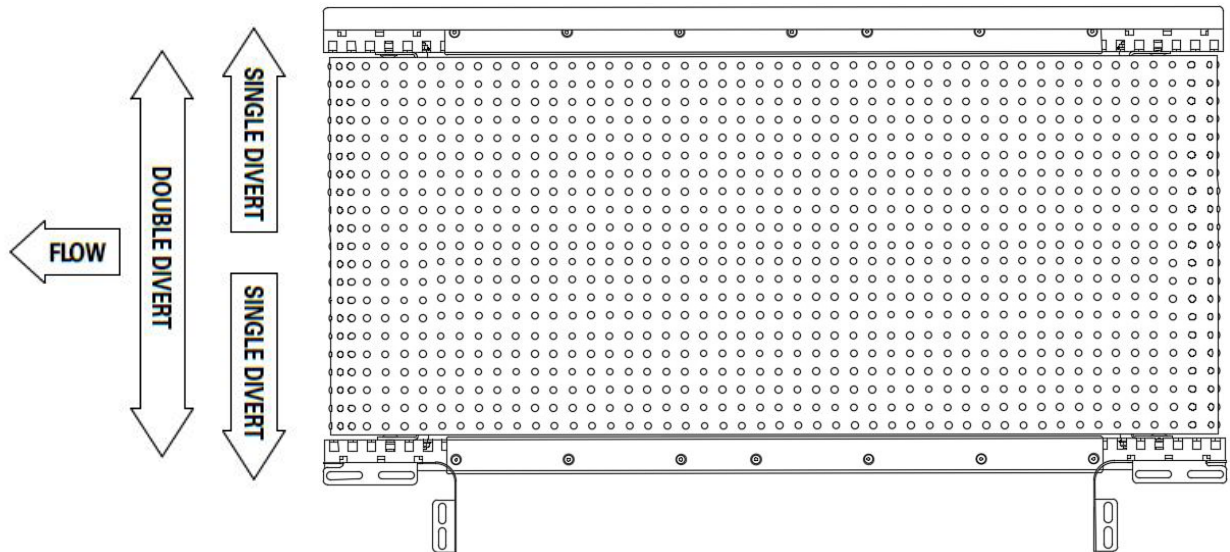
Conductive powder coated paint to prevent static charge build-up.

### Sort Rate Capacity

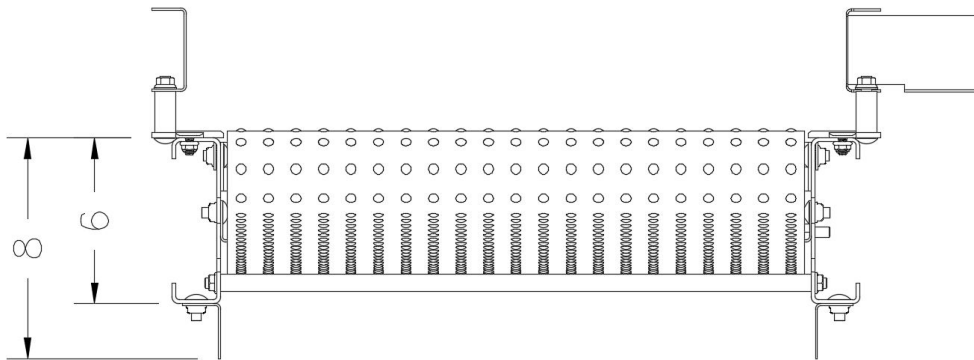
Up to 35 cartons per minute dependent upon carton size and weight and system design.

## Technical Detail

Plan View



Section View



## Specifications

### Typical Applications

- Transfer
- Pick and Pass
- Sorting systems
- Rejects
- Alignment

### Live Load Capacity

Up to 50 lbs. Package sizes  
up to 30" x 30"

### Standard Nominal Widths

18", 24", 30", and 36"

### Divert Hand Options

RH, LH, Bi-Directional

### Control Method

24vdc ERSC card(s)

### Options

- Gap roller kit with ERSC controls
- Univesal divert GR kit
- Bead rail GR kit (for use as an aligner)
- End cover (for when unit is end of line)
- Dual motor divert (provides twice the diverting power. Eliminates diverting lag with heavier cartons. Desirable when holding rate is important and cartons exceed 30 lbs.)