

CATALOG  
C24

# EMI<sup>®</sup>

CONVEYORS &  
AUTOMATION SYSTEMS



## Gate Style Parts Diverting

Gate Style Automatic parts diverters keep parts filling continuously with only minimal operator input.

By automatically filling multiple gaylords at a time without operator assistance, EMI gate style, gaylord filling systems are an excellent way to reduce labor costs and improve plant efficiency. They can also significantly reduce lift truck traffic by allowing one operator the ability to service multiple machines.

### How it Works:

- A part count is entered into the counter, and the system is started.
- An air cylinder pushes the first diverter into the open position, and parts are diverted into the first container.
- When the count is met, the feed conveyor stops, allowing all of the counted parts to empty into the container.
- The first diverter closes and the next one opens.
- The feed conveyor starts again, bringing the next part count.
- The operation continues until all containers have been filled.



*Polycarbonate enclosures and custom chutes contain parts.*



## Gate Style Parts Diverting



### Features

- The two sides of each diverter become the side rails of the conveyor when the diverter is closed.
- Diverters are lined with low-friction UHMW to help keep parts flowing smoothly and prevent cosmetic damage.
- Parts continue to be counted when the feed conveyor is stopped, allowing the system to continue without interruption.

