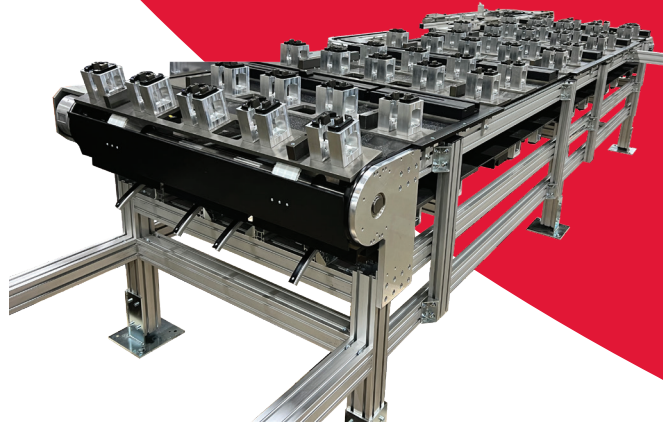




a coesia brand

Modu-Con 5 Conveyor System



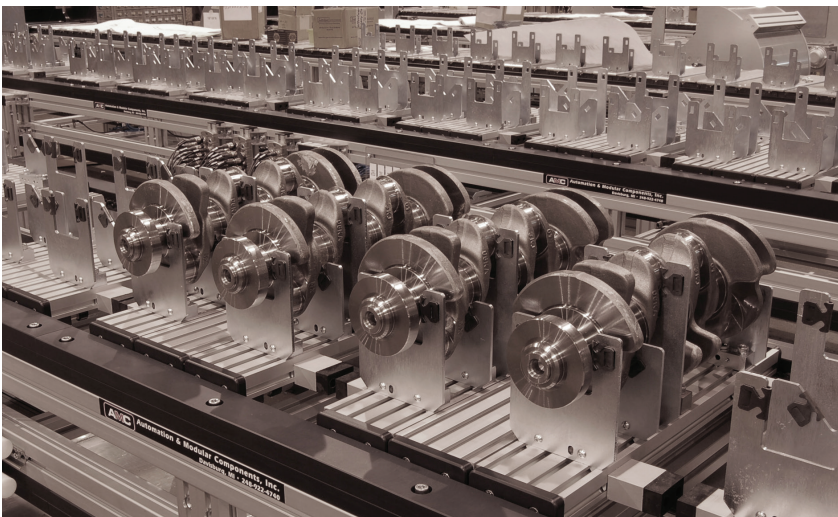
Engineered for high efficiency

The Modu-Con 5 (MOD5) is AMC's in-line, over/under trapped pallet conveyor system, engineered for high-efficiency material handling in demanding manufacturing environments.

Precision machining, clean production

The Modu-Con 5 delivers smooth, automated part handling with built-in pallet return efficiency — a rugged, low-maintenance solution ideal for both precision machining and clean production environments.

Technical Specification



Over/under design

Captive pallets return on the underside, eliminating the need for elevators at conveyor ends

Decoupled operations

Provides buffer storage between operations

Flexible operation modes

Supports synchronous, indexing, or non-synchronous operation

Modular and scalable

Easily configurable for different payload capacities and conveyor lengths

Your trusted partner

AMC delivers customized automation solutions backed by proven expertise and a responsive team. With a strong focus on quality and customer satisfaction, AMC is the reliable choice for your assembly line needs.

Configured for synchronous or non-synchronous operation

Configurations

The MOD5 can be configured for synchronous or non-synchronous operation and is resistant to metal chips, oils, and cutting fluids, making it equally suited for machining environments or clean applications..



Engineered for high efficiency material handling



Rugged, low-maintenance solution



Delivering smooth, automated part handling

Modu-Con5 (MOD5)

Designed primarily for the automotive, appliance, machine tool and battery manufacturing industries, the MOD5 provides reliable part transport and buffering between machining and assembly processes.

The trapped (captive) pallet design automatically returns pallets to their origin via a lower return feed, eliminating the need for elevators or additional drives. This configuration allows operators greater freedom to perform other tasks while maintaining continuous part flow.

Typical applications include:

- Axles and steering racks
- Crankshafts and camshafts
- Solar panels
- Suspension components
- General buffer or machine-loading operations

Synchronous Timing Belt Conveyor

Indexing speed up to 100 mm/sec

Repeatability ±0.3 mm with precision fixtures

Max payload 850 kg

Max conveyor length 25 meters

Synchronous chain conveyor

Indexing speed up to 25mm/sec

Fixture types steel or aluminum

Max payload 2400 kg

Max conveyor length 35 meters

Non-synchronous chain conveyor

Indexing speed 25 mm/sec

Fixture types Steel or aluminum

Max payload 3300 kg

Max conveyor length 35 meters

Automation and Modular Components

10301 Enterprise Drive, Davisburg, MI 48350 USA
T (+01) 248 922.4740 - E sales@amcautomation.com
www.amcautomation.com



a coesia brand