PACLINE™
OVERHEAD CONVEYORS
ISO 9001

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WWW.PACLINE.COM

Overhead Conveyors for Manufacturing Operations

APPLICATIONS

Finishing Lines

Powder Coating • Wet Spray Painting • Dip Line Painting • E-Coat Applications

- Enclosed track design prevents contaminants from reaching the chain and bearing surfaces.
- PACLINE conveyors offer 9 inch horizontal radii (the smallest in the industry) to help reduce the size requirements of ovens, spray booths and other process equipment.
- Chain and components are zinc coated to help prevent rust due to wash cycles.
- For high quality painting applications or when sanitary conditions must be maintained, the PACLINE Power and Free and PAC-MAX™ can be inverted.

Fully automated power and free system.

Parts Accumulation/ WIP

Live Storage • Storage and Retrieval Systems • Parts Buffers

- Overhead conveyors allow parts to be stored overhead, an area that is often considered unusable.
- Overhead systems can act as a "buffer" when the rate of production versus assembly of product is out of balance.
- Inclines and declines are easily achieved without the need for additional drives.
- The conveyor can either be running continuously while loading and unloading, or it can index.
- Conveyor can become a storage and retrieval system with the addition of a PACLINE Computerized AS/RS interface.
- Use overhead conveyors to move parts through the manufacturing process while providing the desired level of parts buffering between operations.

High density parts storage on multiple levels.

Assembly Lines

Synchronous Movement (continuous or indexing) • Asynchronous Movement

- Overhead conveyors are traditionally the lowest cost method of conveying an item from point A to point B on assembly lines.
- Parts carriers can be custom designed to allow your personnel to work at the most ergonomically correct height.
- For synchronous movement, PACLINE can provide variable speed controllers to allow fine-tuning to your production pace. Controls can also be added that allow the conveyors to index a pre-set distance.
- If asynchronous movement is required, PACLINE's Power and Free conveyors will allow operators to work at different speeds in different areas of the circuit. It will also allow the stopping of product independently, or switching of product from one circuit to another.

Automotive wire harness transported through assembly process.

PACLINE SYSTEMS

*Dip paint finishing of lifting hooks in confined area with steep elevation changes using the **PAC-LINE™ enclosed track conveyor**.*

*Wet spraying of heavy truck suspension components on the **PAC-BEAM™ trolley conveyor**.*

*Wet spray painting of pneumatic cylinders using the **PACLINE Power and Free conveyor**.*

*Finishing of automotive rims on rotating spindles using **"slot sideways" enclosed track PAC-MAX™ conveyor.***

*Manual, over/under parts buffer loop for automotive frames. Parts transferred from work station to work station using the **PAC-LINE™ conveyor system**.*

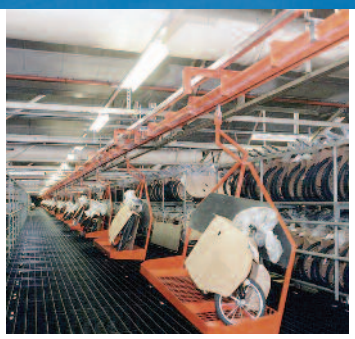
*Automotive components stored in the **PAC-LINE™ automated storage and retrieval system** facilitates batch building, retrieve to broadcast.*

*Unfinished automotive components accumulating on a multi-level **PAC-LINE™ enclosed track conveyor**.*

*Automotive parts in a **PACLINE Power and Free live storage system** allows for unexpected production stoppages at supplier without impacting on final auto assembly plant.*

*Small motor components transported in suspended baskets or totes on the **PAC-LINE™ overhead conveyor**.*

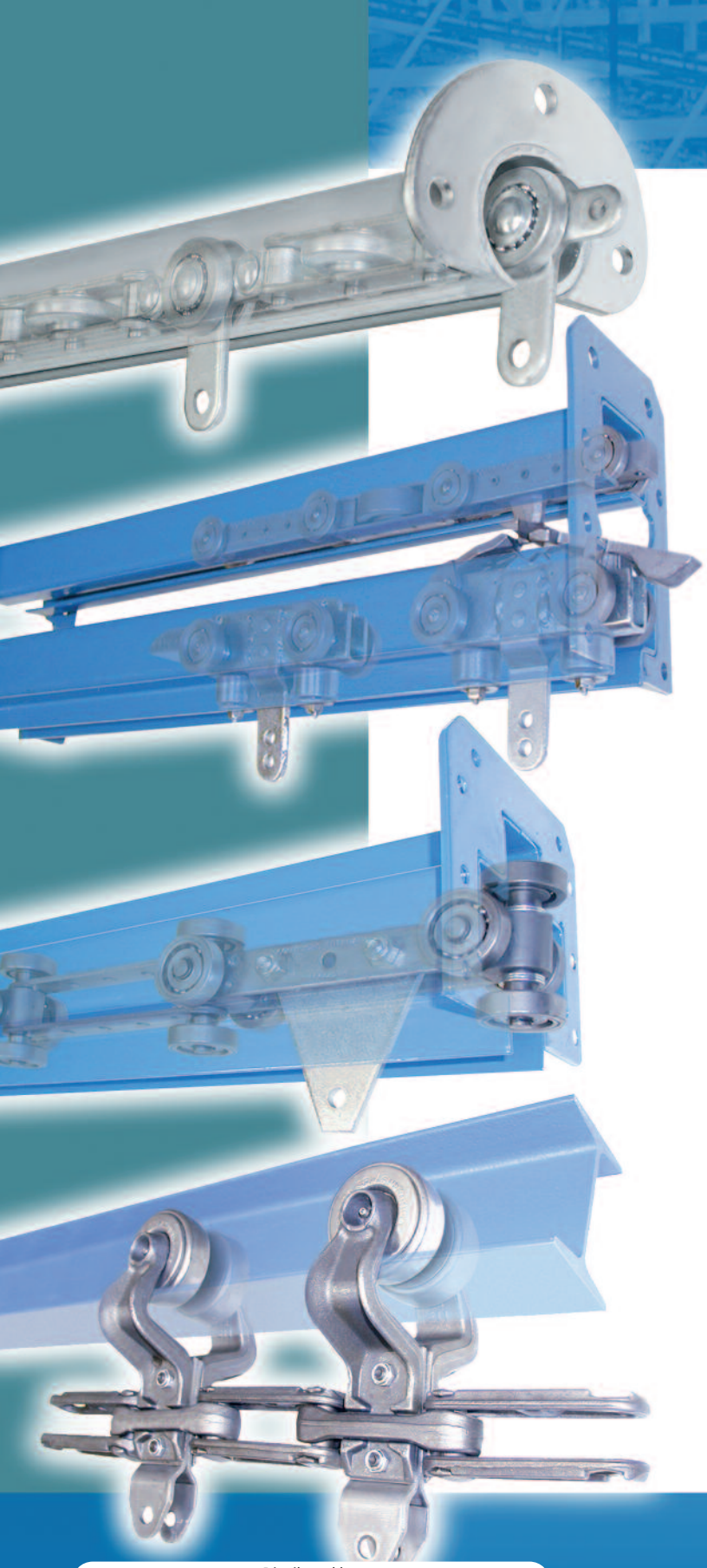
*Automotive instrument panels transported through assembly process on the **PAC-BEAM™ overhead conveyor system** with ergonomic carriers that tilt.*



***PAC-MAX™ overhead conveyor** transports bicycles through manufacturing to shipping.*

*Assembly of high efficiency furnaces on the **PACLINE Power and Free conveyor.***

CONVEYOR OPTIONS



The PAC-LINE™ Enclosed Track

- Highly compact for use in tight spaces
- Modular track components allow quick installation
- Bolted design, no welding required
- All parts are zinc plated

PACLINE Power and Free

- Modular components and bolted design for easy installation
- Can be used “slot down” or “slot up” (inverted power and free)
- Combination wheel turn / take-up drive saves time and money

PAC-MAX™ High Capacity

- Designed for stability in conveying heavy loads
- Can be inverted or sideloaded
- Modular components and bolted assembly for easy installation
- Enclosed track keeps chain and track free of contaminants

PAC-BEAM™ I-Beam Monorail

- Rugged construction for long term use
- Drop forged, rivetless chain is highly flexible and requires no tools for assembly
- Full line of customized trolley assemblies and attachments available
- Proven, low cost solution

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