

FEATURES and BENEFITS @ a glance

- LOW INITIAL INVESTMENT
- MANUAL, POWER, OR POWER & FREE SYSTEMS
- TROLLEY TYPES & LOAD CAPACITY - UP TO 100 LBS
- DESIGN FLEXIBILITY - DRIVES AND IDLER CORNERS ARE OFFERED WITH 3.5", 8", AND 12" RADIUS TURNS FROM 30° TO 180° FOR CLOSER SPACING AND TO FACILITATE TIGHT SPACES
- EACH DRIVE CAN ACCOMMODATE 500 FT OF CONVEYOR OR 5000 LBS. LIVE LOAD
- CHOICE OF SPEED RANGES: CONSTANT, VARIABLE, OR REVERSING DRIVE CONTROLS
- SCREW-TYPE TAKE-UPS FOR CHAIN ADJUSTMENTS
- EACH CONVEYOR IS CUSTOM MANUFACTURED USING STOCK COMPONENTS TO FIT YOUR SPACE AND BUDGET
- DESIGN AND ASSEMBLE YOUR OWN SYSTEM FOR A WIDE VARIETY OF USES: ASSEMBLY, DRYING, FINISHING, PRODUCT MOVEMENT, PACKAGING, PROCESSING, STORAGE, ETC.
- EASY TO MODIFY OR MOVE TO A NEW LOCATION
- EXPANDABLE TO MEET GROWTH DEMANDS
- EASY INSTALLATION AND MINIMAL MAINTENANCE REQUIRED

Experience the Action
www.EMCCONVEYOR.com

ASSEMBLY DRYING FINISHING PACKAGING PRODUCT MOVEMENT PROCESSING STORAGE

EMC SOLUTIONS
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DEALER CONTACT

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EXPERIENCE

Econo Manufacturing Company, now **EMC SOLUTIONS, INC.**, has been designing and building light-duty overhead conveyor systems since 1957.

A PROVEN SOLUTION

EMC Overhead Conveyor Systems have been installed in all 50 states and 9 countries for light-duty products weighing from a few ounces to 500 lbs.

WE WORK WITH YOU

EMC will work with you, your designer, and installer to assist you with the correct conveyor components to meet your needs now and in the future.

Contact Us

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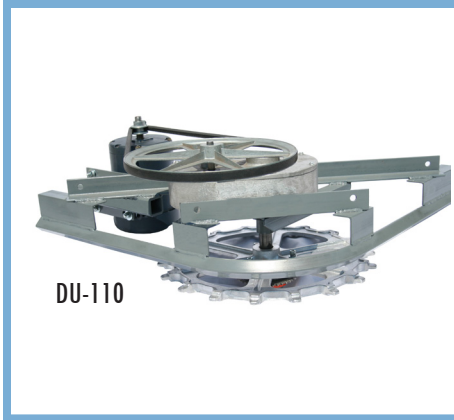
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EMC810

HORIZONTAL TURN IDLERS

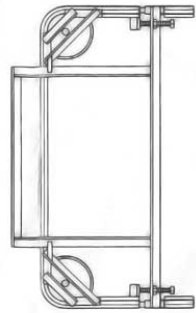
Exclusive EMC revolving Flat Face Idlers are available from 45° to 180° with 3", 7.5", or 12" Radius. Each Idler Corner is complete with Aluminum Alloy Idler Wheel. Idler Wheels can be fitted with Graphalloy® Bearings to withstand applications with oven temperatures up to 500°.



DU-110

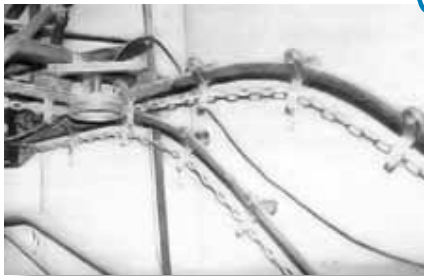
POWER DRIVES

EMC's standard Drive Unit is a complete component. Choice of Drive turn angles — from 45° to 180° - on a 3", 7.5", or 12" Radius curve. Each unit includes EMC's own 49:1 Gear Reducer, Drive Sprocket with Safety Clutch, and Choice of Motors and Control. Additional speed ranges can be attained by changing size of pulleys. Standard AC motor is 3-PH, ½ HP (TEFC). Optional ¾ HP, 1-PH DC Motor (TEFC) with Variable Speed Forward/Reversing Drive, 0-20 Range.



TAKE-UP UNITS

Take-up Units are designed to allow users to maintain proper Drive Chain tension throughout operations. EMC offers three types of Take-up Units: 180° with a single Idler Wheel; Double 90° Unit for widths up to eight feet; and an In-line Take-up Unit. Take-up Units all feature convenient tightening screws to enable quick adjustments for proper Drive Chain tension.



We work with you

VERTICAL CURVES

Vertical Curves are used in applications where conveyor track elevation changes are required, such as for dipping operations, ceiling storage, freeing up floor space, etc. EMC offers track sections in optional 15°, 30°, and 45° vertical curves.

TROLLEYS

T-3D 2-Piece "Y" shaped Trolley with bottom hangar hole. Two (2) Standard 7-Ball Bearings wheels. For general use and temperatures up to 350°. 70 lbs. Capacity.

T-3H Same as T-3D but with Heavy-Duty Wheels. For general use and temperatures up to 450°. 90 lbs. Capacity.

T-3P Standard 2-Piece Trolley with High-Impact Plastic Wheels. Steel or Plastic Bushing; no lubrication required. 50 lbs. Capacity.

T-3SSR Special 2-Piece Trolley with Stainless Steel Brackets and Copolymer Wheels. Unit is designed for wash down/clean applications. No lubrication required. Wheels withstand oven temperatures up to 170°. 90 lbs. Capacity.

TRACK

CS-70 Square "Diamond" Track with hanging brackets on 4" centers. (Approximate weight is 16 lbs per 20' section)

CS-90 Square "Diamond" Track with full length reinforcing angle (1 1/2" X 2"). (Approximate weight is 45 lbs per 20' section)

CS-6 Track connecting inserts. Inserts are used to connect and line track and corner section.

SWITCHES

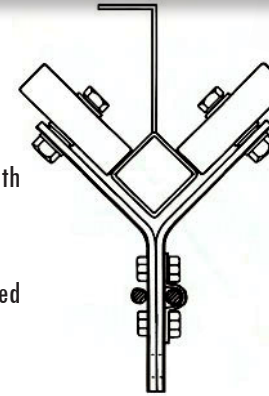
MS-101 Light-duty Track Switch utilizes hardened U-joint to allow horizontal pivoting of track section to 15°.

MS-101A Heavy-Duty 2-way Track Switch features a fixed frame with center and right or left switch at 15° arc.

MS-101B Heavy-Duty 3-way Track Switch features a fixed frame with center, left, and right switch at 15° arcs.

TROLLEY HANGERS & HOOKS

EMC fabricates a variety of hangers and hooks with aluminum and or steel to accommodate various operations for product processing, including 90° indexing, free-spinning, and fixed attachments. Custom-made hangers and hooks can be made for your operation with no setup charges.



Trolley Dimensions Available at WWW.EMCCONVEYOR.COM

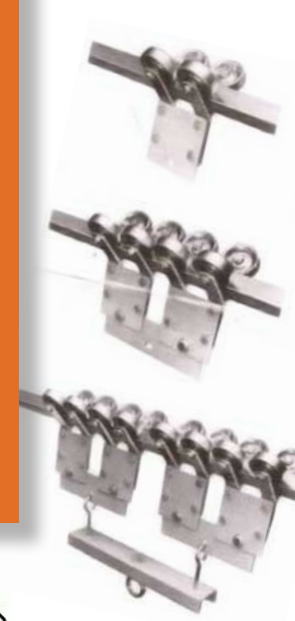
MANUAL CORNERS

CB-58 90° Corner Turn with 3.5" Radius. 3 hanging brackets spaced for attachment.

CB-68 90° Corner Turn with 8" Radius. 3 hanging brackets spaced for attachment.

CB-78 90° Corner Turn with 12" Radius. 3 hanging brackets spaced for attachment.

CB-98 90° Corner Turn with 27" Radius. 3 hanging brackets spaced for attachment. Heavy-duty corners have full-length bar vertically welded to turn for heavy loading and rigid attachment.



TROLLEY LOAD BARS

LB-91 4-wheel unit connecting plates. Total load capacity is 120 lbs.

LB-91H Heavy-duty 4-wheel unit with connecting plates. Total load capacity is 170 lbs.

LB-93 8-wheel unit with connecting plates. Total load capacity of 240 lbs.

LB-93H Heavy-duty 8-wheel unit with connecting plates. Total load capacity is 300 lbs.

LB-94 16-wheel unit with connecting plates/channel. Total load capacity of 380 lbs.

LB-94H Heavy-duty 16-wheel unit with connecting plates/channel. Total load capacity of 500 lbs.

EXPERIENCE *you can trust*

DRIVE CHAIN

CS-300 EMC (Econo) Drive Chain is manufactured and calibrated to fit EMC's Drive Sprockets, then heat-treated for longer wear. Drive Chain is zinc-plated for corrosion resistance. Working load limit is 670 lbs. An EMC Drive will safely operate 500 feet of Drive Chain or 5,000 lbs. load.

CS-3 Connecting "C" Link to connect the two ends of the Drive Chain in a power system. Each "C" link is manufactured with special alloy and is sized for accurate spacing. "C" links are always mounted on Trolley.

MANUAL SYSTEM

When a minimal number of Trolleys or Load Bars are required, EMC manual overhead conveyor systems offer the versatility of individual product movement, whether for finishing or drying operations, production staging, or even storage. Individual Trolleys or Load Bars can accommodate loads weighing a few ounces up to 500 lbs. Manual systems have optional 3", 8", 12" or 24" Radius turns with any desired degree bend. Two and three-way Track Switches is offered for manual systems to designate product staging and or to eliminate system travel and provide you with quick access to your products. Manual overhead conveyor systems are easy to install, reconfigure, or move and are virtually maintenance free.

