



Wide Base J-Hook (E-20-440-J-WB)

This Retread J Hook is formed from hot rolled steel. It is 1" in diameter, and features a 45 degree chamfer at both ends of the hook. The vertical useable length is 14", and the horizontal useable length is 16-1/4". The load capacity of this hook is 250 lbs.



Four Wheel Hook Carrier (E-20-330)

The Four Wheel Hook Carrier body has two piece solid steel plate construction with four machined 2-1/8" diameter machined wheels and Full Ball Comp Bearings. The welded eye bolt is designed to interface with the Tubular J-Hook. The load capacity for this Carrier is 250 lbs.



Tubular J-Hook (E-20-330-J)

The Tubular J-Hook is designed to interface with the Four Wheel Hook Carrier. The tube is 1-1/4" Diameter Steel and has a wall thickness of 0.12". The load capacity of the Tubular J-Hook is 250 lbs.



Standard Frog Switch

(LH: E-21-110 and RH: E-21-210)

The Standard Frog Switch is used in manual hand-pushed systems where it is necessary to switch between two different tracks. The Standard Frog switch allows the trolley to continue straight or spur off at 90 degrees. Throw controls are available, but not included with the Standard Frog Switch.



Universal Frog Switch

(LH: E-21-130 and RH: E-21-230)

The Universal Frog Switch is used in manual hand-pushed systems where it is necessary to switch between two different tracks. Add a curve (not included) to this switch to direct the line in the direction your system requires. The load capacity is 1,000 lbs.



3-Way "T" Switch (E-21-400)

The 3-Way "T" Switch is used in manual E-Trac systems where it is necessary for one line to tee directly into another line. The 3-Way "T" Switch is shipped as a complete unit and has a short manual chain throw at the center of the bottom of the switch. The load capacity is 1,000 lbs.

Tire Retread Monorail Systems & Components



1stSource is the only name you need to know for Tire Retread Monorail Conveyor Components or Complete Systems. All of the Components shown in this brochure are stocked in our Louisville Metro area warehouse for same or next day delivery to Tire Retread Facilities worldwide. Our component pricing is discounted direct to the Retread community and our quality levels meet or exceed other brands. All of our fabricated components such as track, curves, and switches are constructed via high tolerance roll forming and are powder coated for unmatched appearance.

In addition to meeting the component replacement needs of our Retread Customers, the 1stSource Systems Integration Group can design system modifications and complete systems including installation as required. In addition, we offer fabricated support steel as well as track lifts and lowerators. Any tire Retread Monorail Conveyor requirement from one component to a complete installed system can be met efficiently and economically by the 1stSource Retread Monorail Specialist.

Put 1st Source to the test!



Straight Track (E-10-110)

This rugged 3/16" thick high carbon alloy steel tubular track is provided in 10'-0" sections and comes standard with a powder coat finish. It is also available unpainted or in stainless steel.

Overall Dimensions: 2-11/16" H x 2-1/8" W x 120" L



Support Bracket (E-10-200)

The Support Bracket is used to suspend the conveyor track using 1/2" diameter drop rod hangers. It is a tubular piece formed out of 1/4" thick high-strength steel. It features a durable powder coated finish, and has a load capacity of 1000 lbs.



Joint Bracket (E-10-210)

The Joint Bracket is used to suspend track using 1/2" diameter drop rod hangers. It is tubular, 1/4" thick, high-strength steel, with a 9/16" hole in the top to allow clearance for the drop rod. This bracket is normally used when the track joints are not welded. The Joint Bracket has a load capacity of 1,000 lbs.



Track Welding Jig (E-10-230)

The Track Welding Jig is used to align and hold track sections together to facilitate welding of the joint. It is constructed of brass components & has a 5/8" adjustable bolt that allows for tightening or loosening the fixture. Once loosened, it can be slid to the next track joint.



Carrier Insert Section (E-10-240)

This 24" long section is formed of 3/16" high strength steel, and is used on hand pushed conveyor systems to facilitate inserting carriers into the conveyor track. It features a professional powder-coated finish. It should be located in an easily accessible location in the conveyor system.



Horizontal Curves (Consult Factory for part numbers.) The Horizontal Curves are constructed of 3/16" thick high carbon alloy steel tubular track and have a rugged industrial powder coat finish. The Horizontal Curves are available in a variety of radius (18", 24", & 36" and degree (30, 45, 60, 90, & 180).



Two Wheel Carrier (E-20-210)

The Two Wheel Carrier has a drop-forged body with a zinc-plated finish. It is available with a 5/8" diameter threaded shank or a 1/2" diameter threaded shank. The diameter of the wheels is 2-1/8". The load capacity is 125 lbs each. The Two Wheel Carriers can be used with a Load Bar, which increases the capacity.



Four Wheel Carrier (E-20-440)

The Four Wheel Carrier has solid 3/8" thick body with four machined 2-1/8" dia. wheels and Full Ball Comp Bearings. The welded eyebolt at the bottom has a 1" inside diameter for hanging product. The carrier is zinc plated & has a load capacity of 250 lbs. Desinged for use with the two following hooks.



Standard J Hook (E-20-440-J-W)

This Retread J Hook is formed from hot rolled steel. It is 1" in diameter, and features a 45 degree chamfer at both ends of the hook. The vertical useable length is 14", and the horizontal useable length is 9-1/2". The load capacity of this hook is 250 lbs.