Inverted ‘V’ Aluminum Conductor System

Inverted ‘V’ conductor systems provide an efficient and economical means to power all types of moving electrical equipment. V-Bar is particularly well-suited for high contamination and outdoor applications due to its under-running design where dust and ice are unable to collect on the contact surfaces. The tracking action of the ‘V’ rail and the current collector accommodates misalignment for long conductor runs and simplifies conductor system installation. Available in configurations up to 6000 amps using a highly conductive and corrosion-resistant aluminum alloy, V-Bar systems require no field drilling or welding and can be assembled with common hand tools.

Features

- High current capacity aluminum extrusion with excellent chemical resistance properties
- Highly rigid cross-sectional geometry resists bending and twisting and permits hanger spacing up to 15 feet
- Systems are engineered to customer specifications, including system layout and installation support
- ‘V’ shaped interface provides large contact area and collector tracking for efficient current collection
- Full range of standard components including hangers, anchors, feeders, splice joints, fixed and floating expansion joints and isolation joints
- Multiple collector configurations available

Project Engineering and On-Site Installation Support

TransTech’s engineers custom-configure our products and systems to meet each customer’s unique application requirements. We provide on-site technical installation support and layout drawings to our customers and their installation teams.

Moving Electrification Forward
The Leaders In Power Transfer Technology

TransTech is a subsidiary of Fandstan Electric, a global group of companies focusing on energy transfer systems with installations in over 100 countries. Working synergistically with our European sister companies such as Brecknell-Willis, Stemmann and AKAPP, we are able to leverage a broad product portfolio and a wealth of technical expertise. Our goal is to better serve our power transfer markets by continuing to provide solutions that improve product life, performance, and reliability.

Specifications

• 750 to 6000 amp capacity rails available
• 250 to 3000 amp current collector systems available
• AC or DC voltages up to 4160V based on insulator selection
• 30 foot standard rail lengths, custom lengths available

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<th>B</th>
<th>C</th>
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Outdoor Slab Yard Crane