



John Henry Foster

pneumatic and hydraulic equipment

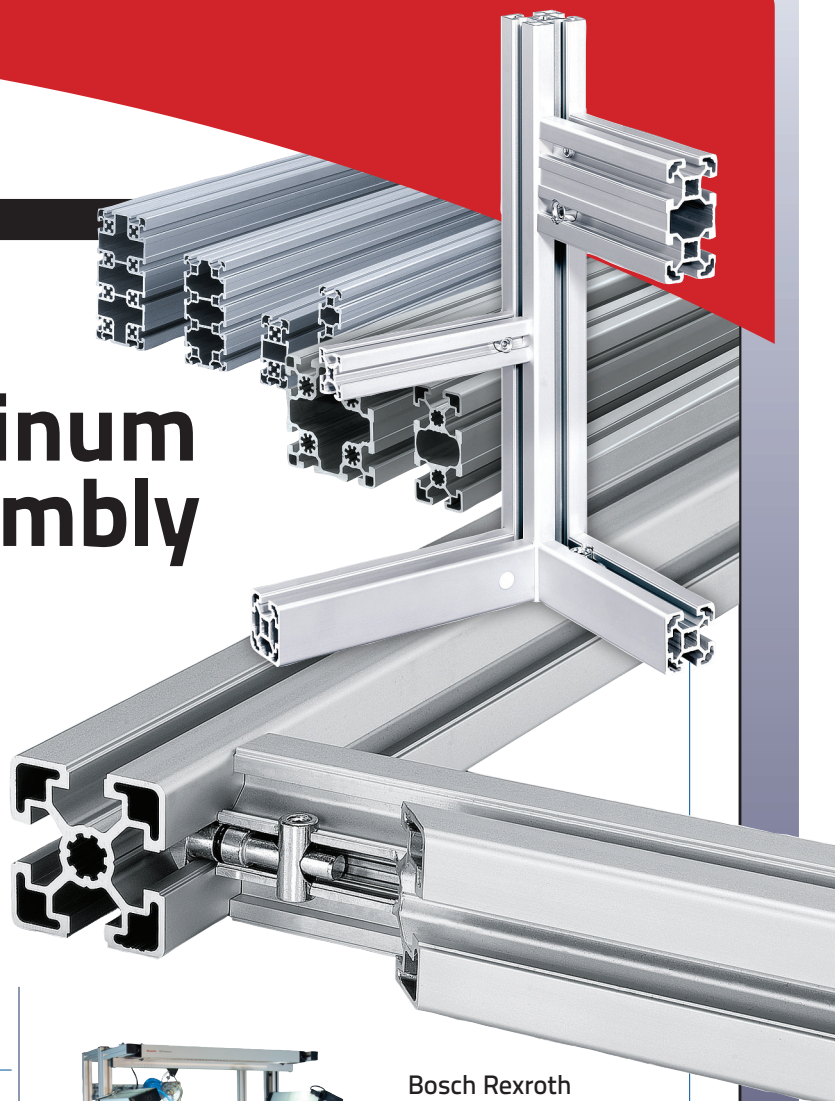
Material Handling

Structural Aluminum Framing & Assembly

Structural Framing & Assembly Technology

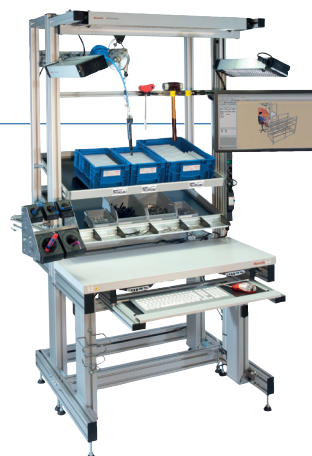
John Henry Foster can provide the infinite flexibility of *aluminum structural framing* and other *assembly technology* and equipment for your industrial application needs — including everything from tubular framing to manual production systems.

Call us to learn more. We look forward to providing you with quality products and exceptional service.



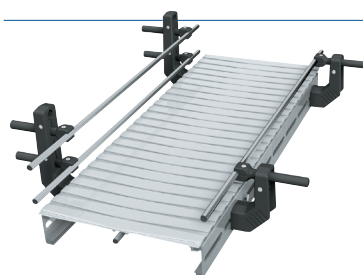
Bosch Rexroth EcoShape Tubular Framing System

- Integrated poka yoke system ensures easy and secure connections between square and round elements
- Efficient and environmentally-friendly from start to finish: elements can be reused or recycled
- Configure and assemble directly on site
- Approximately 30% lighter than similar steel tube systems
- Creates perfect, multi-system combinations with aluminum profiles and MPS products
- ESD version ensures safe conductivity of all components
- Twist locks for secure joints
- Positive interlocking connections
- EcoShape Library
 - Workstations
 - Material shuttles
 - Flow and transport racks
 - Assembly stations
- MTpro planning software
 - Plan and construct complete conveyor systems and frames without a CAD system



Bosch Rexroth Manual Production Systems (MPS)

- Create workstations or entire production lines to be quickly adaptable to your work content
- MPS addresses lean production principles through 3 completely configurable product groups:
 - Material Transfer (material flow)
 - Material Supply (information flow)
 - Custom Workstations (people flow)

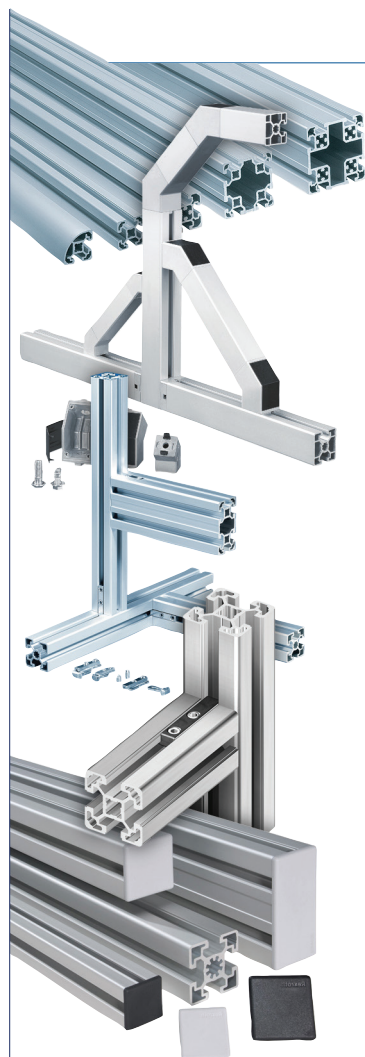


Conveyor and ID Systems

- Identification Systems
 - Data storage: central, decentral
- VarioFlow Modular Chain Conveyor System
 - VarioFlow, VarioFlow plus
- TS Modular Conveyors
 - Belt, flat-top chain, or roller chain
 - "Power & free" principle carries work-piece pallets

314-427-0600

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Bosch Rexroth Modular Profile System

- Over 100 different profile cross-sections:
 - ▶ Square and rectangular profiles
 - ▶ Light profiles with optimized cross-sections
 - ▶ Round profiles and profiles with smooth lateral surfaces
- 6 different profile ranges
 - ▶ All profiles within one range have same slot dimensions and spacing to ensure perfect coordination
- Profile Connectors —
 - ▶ 180° Straight-Line,
 - ▶ 90° Right Angle,
 - ▶ 45° Angle, Kits,
 - ▶ Joining Plates — T-Junction, Rectangular, Corner
- Fasteners
 - ▶ T-Nuts — Plastic, Stainless Steel Isolation Cap
 - ▶ T-Bolt Fastening Kits
 - ▶ Mounting Strips
 - ▶ T-Blocks and Springs
 - ▶ Swivel-In T-Blocks
 - ▶ T-Bars & Swivel-In T-Bars
 - ▶ Anchor Strips
 - ▶ Quick-Lock Sheet Material Fasteners
- DesignLINE
 - ▶ Special aluminum-colored coating (RAL9006) ensures components seamlessly match aluminum profile
 - ▶ Scratch proof coating preserves connector's ESD compatibility
 - ▶ Available as a kit with fasteners and caps



- ESD – Electro Static Discharge
 - ESDS (Electro Static Discharge Sensitive Device) are components that could be damaged or destroyed by static discharge
 - ▶ ESD program components are either electrostatically conductive or deflective and create a protected complete system
 - ▶ Tested and proven connection technology ensures electrical conductivity of enclosures, frames, tables, and flow racks
- Linear Guides
 - LF6S LF12, LF20
 - ▶ Assembly kit available in three sizes and two variants
 - ▶ easy to integrate in frames, peripheral machine configurations and transport solutions
 - ▶ For loads from 85 - 600 kilograms
 - ▶ Accessories for every size — motors, gears, flanges, switches, holders and actuators
- Profile Machining
 - ▶ Simplified logistics
 - ▶ Attractive finishing prices
 - ▶ 500,000 possible combinations
 - ▶ 30 different finishes per profile
- Cleanroom Profile System
 - ▶ Versatile (and independently certified) to give cleanroom manufacturers the same framing flexibility
- EcoSafe™ Guarding System
 - ▶ Wide range of options for creating physical enclosures, guards, and barriers to protect workers

About John Henry Foster

John Henry Foster Company is a full-line fluid power distributor with territories covering parts of Missouri and Illinois and is the Midwest leader in fluid power sales. We have been serving our customers in Missouri and Illinois for over 60 years! Please visit www.jhf.com to learn more about us.

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