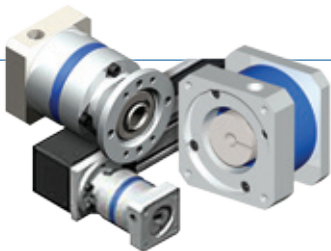


Industrial Automation Electric Drives and Controls

Motion Control, Tension Measurement & Tension Control, Linear Motion Technology

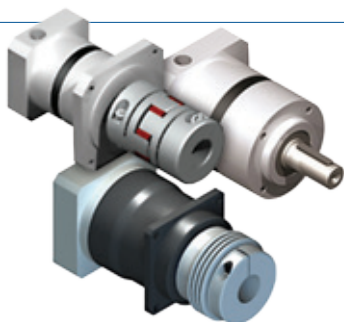
John Henry Foster can provide all the *electric drives and controls* needed for your industrial automation system — including everything from linear motion technology, motion control, tension measurement and tension control.

Call us for information regarding a particular brand or part. We look forward to providing you with quality products and exceptional service.



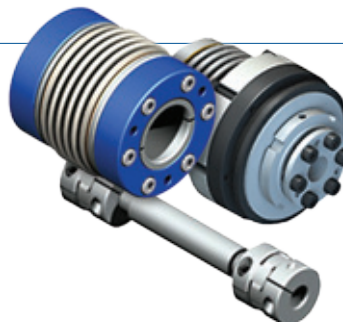
Linear Mount Products

- GAM EPL-H Series (High Precision Gear Reducers)
- GAM LSK (Linear Slide Kit)
- GAM PMK (Parallel Mount Kit)



Gear Reducers

- GAM Highest Precision Gear Reducers
 - › SPH, SPL, Dyna
- GAM High Precision Gear Reducers
 - › EPL, SSP, Dyna-Lite, FP
- GAM Precision Gear Reducers
 - › PE, VC, LL
- GAM Precision Gear Reducers — Power Transmission
 - › V, L



Couplings

- GAM Bellows Couplings
 - › KM, KP, KLC, KG, KR, KSD, KHS, KSS, KGH, KPP, KPS
- GAM Elastomer Couplings
 - › EKM, EKC, ESM-A, EKS
- GAM Safety Couplings
 - › SKB-KP, SKY-KS, SKB-EK, SKY-ES, SKB, SKG, SKX-L
- GAM Distance Couplings
 - › WDS, EKZ

Industrial Automation Electric Drives and Controls



CNC Control Systems

- Bosch Rexroth IndraMotion MTX micro (Compact, 6 axes)
- Bosch Rexroth IndraMotion MTX standard (Modular, 8 axes)
- Bosch Rexroth IndraMotion MTX performance (Modular, 64 axes)
- Bosch Rexroth IndraMotion MTX advanced (Modular, 64 axes)



Programmable Logic Controllers (PLCs)

- Bosch Rexroth IndraLogic PLC Systems
 - IndraLogic XLC
 - IndraLogic L (Controller-based)
 - IndraLogic V (PC-based)
- Panasonic PLCs
 - FP7 Series, FP0R Series, FP-e Series, FP-X0 Series, FP-X Series, FPΣ Series, FP2SH Series
- PLC Programming Software
 - Panasonic Control FPWIN Pro
 - Panasonic Control FPWIN GR7
 - Panasonic Control FPWIN GR
- PLC Interface Terminal
 - Panasonic RT-3 UNIT RELAY (4-point Terminal)
 - PhotoMOS Power type, PA Relay type, PhotoMOS Power Voltage-sensitive type



PAC/Combined Logic Systems

- Bosch Rexroth IndraMotion Motion/Logic Systems
 - MLC (Controller-based)
 - MLD (Drive based)
 - NYCe 4000 (Motion control)



I/O Systems

- Rexroth I/O modules (SSI, INC, PWM/2)
 - IP 20 Inline
 - IP 67 Fieldline



Motors and Gearboxes

- Synchronous Servo Motors
 - Bosch Rexroth IndraDyn S (MSK, MKE, MSM)
- Asynchronous Servo Motors
 - Bosch Rexroth IndraDyn A (MAD, MAF)
- Linear Motors
 - Bosch Rexroth IndraDyn L (MLF, MCL)
- Torque Motors
 - Bosch Rexroth IndraDyn T (MST)
- Synchronous High-Speed Motors
 - Bosch Rexroth IndraDyn H (MSS)
- Asynchronous High-Speed Motors
 - Bosch Rexroth IndraDyn 1MB (1MB)
- Servo Planetary Gearboxes
 - Bosch Rexroth IndraDyn Standard (GTE)
 - Bosch Rexroth IndraDyn Precision (GTM)



Human Machine Interface (HMI)

- HMI Software
 - Rexroth HMIs
 - Bosch Rexroth IndraControl VSP/VPP HMI
 - Bosch Rexroth IndraControl V HMIs
 - Panasonic Terminal GTWIN Software
- Panasonic Programmable Displays
 - GT03-E, GT32-E, GT02, GT02L, GT12, GT05, GT05



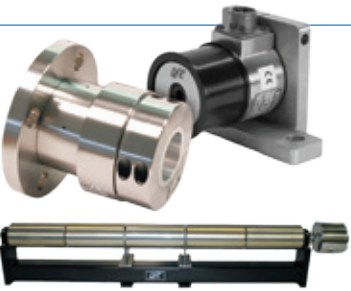
Resistance Welding Systems

- Bosch Rexroth Resistance Welding QA system
 - PSQ 6000 Adaptive Feedback System
 - Hardware
 - User Interfaces
 - Programming Tools



Sytronix Drives

- Bosch Rexroth Sytronix Variable Speed Pump Drives
 - Sytronix DFE 5000
 - Sytronix SvP 7000



Tension Transducers

- Dover Flexo Electronics General Purpose Transducers (Model C)
- Dover Flexo Electronics Tension Roll® Transducers (Model TR)
- Dover Flexo Electronics Roll Shell Transducers (Model RS)
- Dover Flexo Electronics Narrow Web Transducers (Model NW)
- Dover Flexo Electronics Wire, Cable or Ribbon Transducers (Model RFA)



Tension Controllers

- Dover Flexo Electronics Digital Tension Controller (SteadyWeb™ 5)
- Dover Flexo Electronics Standard Analog Controller (SteadyWeb™)
- Dover Flexo Electronics Low-cost Analog Controller (WebHandler™ 2)
- Dover Flexo Electronics Rewind Splicer System (SteadyWeb™ Splicer)



Drive Technology (Machine Drive Systems)

- Bosch Rexroth IndraMotion MLD
- Bosch Rexroth IndraDrive Mi (Integrated Motor-Drive)
- Bosch Rexroth IndraDrive Fc (Variable Frequency)
- Bosch Rexroth IndraDrive Systems (Servo Drives)
 - Compact drives (Cs), Converters (C), Modular system (M), Control units, Firmware, SafeMotion
- Bosch Rexroth IndraDrive Software
 - Expansion Packages, IndraWorks Configuration, Firmware



Zero Set and Calibration Set

- Dover Flexo Electronics Quik-Cal™ (Push-button Zero Set & Cal Set)



Tension Amplifiers & Indicators

- Dover Flexo Electronics TrueView™ Tension Indicators (Models Ti 23 & Ti 24)
- Dover Flexo Electronics Left-Right-Total Tension Indicator (Ti 15)
- Dover Flexo Electronics EasyView™ Tension Indicator (Model Ti 25)
- Dover Flexo Electronics TrueTension™ Amplifiers (Model Ti 17C / Ti 18C)
- Dover Flexo Electronics iAmp2™ Inline Tension Amplifier (Ti 22)
- Dover Flexo Electronics TwinAmp Dual Tension Amplifier (Ti 27/Ti 28)
- Dover Flexo Electronics FireGuard™ Intrinsically Safe Tension Amplifier (Ti 13)



Pneumatic Tension Brakes

- Dover Flexo Electronics Heavy Duty Dual Disk Brake (90-1800 Series)
- Dover Flexo Electronics Dual Disk Brake (60 Series)
- Dover Flexo Electronics Brake Valves & Guards
- Dover Flexo Electronics Replacement Parts & Accessories



Custom Engineered Application Solutions

- Dover Flexo Electronics Segmented Tension Roll
- Dover Flexo Electronics Tension Controller / Drive Package
- Dover Flexo Electronics "Steamroller" Tension Roll Transducer
- Dover Flexo Electronics 8-Pak Multi-Channel Indicator
- Dover Flexo Electronics NW2™ Narrow Web Tension Transducer with Indicator Option



Aluminum Rollers

- Dover Flexo Electronics Aluminum Idler Rollers
- Dover Flexo Electronics Tension Rollers



John Henry Foster

pneumatic and hydraulic equipment

Industrial Automation
Electric Drives and Controls



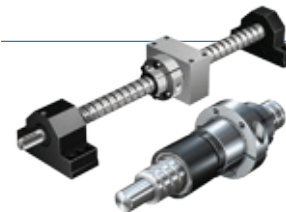
Linear Motion Systems

- Bosch Rexroth Compact Modules
 - CKL (with ironless linear motor)
 - CKK (with ball screw drive)
 - CKR (with toothed belt drive)
- Bosch Rexroth Miniature Linear Modules (size 12-40)
 - MKK (with ball screw drive)
 - MKR (with toothed belt drive)
- Bosch Rexroth Compact Modules (size 9-70)
 - CKK (with ball screw drive)
 - CKR (with toothed belt drive)
- Bosch Rexroth Linear Modules
 - MKK (with Ball Rail Systems and Ball Screw)
 - MKR (with Ball Rail Systems and Toothed Belt Drive)
 - MLR (with Cam Roller Guides and Toothed Belt Drive)
- Bosch Rexroth Bridge Modules
 - BKK (with Two Ball Rail Systems and Ball Screw)
 - BKR (with Two Ball Rail Systems and Toothed Belt Drive)
- Bosch Rexroth Precision Modules
 - PSK 40, PSK 50, PSK 60, PSK 90
- Bosch Rexroth Precision Modules
 - PSK 40, PSK 50, PSK 60, PSK 90
- Bosch Rexroth Feed Modules
 - VKK 15-70, VKK 25-100
- Bosch Rexroth Omega Modules
 - OBB 55, OBB 85, OBB 120 (with belt drive)
- Bosch Rexroth Linear Motion Slides
 - SGK (with ball screw drive)
 - SOK (with ball screw drive)
- Bosch Rexroth Ball Rail Tables
 - TKK (with ball screw drive)
 - TKL (with linear motor)
- Bosch Rexroth Electromechanical Cylinder - EMC



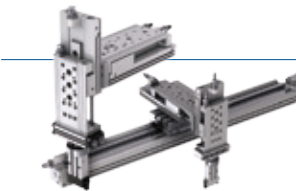
Profiled Rail Systems

- Bosch Rexroth Ball Rail Systems
 - NRRFG (FDA 21 CFR compliant)
- Bosch Rexroth Ball Rail Systems NRRFG
- Bosch Rexroth Miniature Ball Rail Systems
- Bosch Rexroth Roller Rail Systems



Screw Assemblies

- Bosch Rexroth Ball Screw Assembly
 - Standard, Adjustable Preload, ECOplus, Speed, eLINE, Miniature, Double Nut
- Bosch Rexroth Planetary Screw Assembly PLSA



Multi-Axis Handling Systems

- Bosch Rexroth EasyHandling System
 - Basic
 - Comfort
 - Advanced



Rotary Encoders

- Datalogic Rotary Encoders
 - Incremental - ENC41, ENC58, OEK-4
 - Absolute Single-Turn - AST58-SSI
 - Absolute Multi-Turn - AMT58-SSI and Fieldbus
- Datalogic Linear Measurement Accessories
 - DW, MW

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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314-427-0600

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