



Parker Coming to Pack Expo in Chicago

Discover a world of packaging solutions at Booth E-6503.

Whatever your packaging need, Parker is the only supplier that can provide complete technical and engineered solutions – from electromechanical and pneumatics to hoses, tubes and fittings – to any packaging requirement. Parker also manufactures full systems for complete product compatibility and ease of use.

To discover this for yourself, be sure to visit the Parker Electromechanical Automation booth at Pack Expo, November 9-13: **Booth E-6503.**

Among the products and technologies you'll see on display at McCormick Place in Chicago:

HMI

Parker's award-winning Interact Xpress™ offers an affordable solution for multi-site, multi-station and standalone machine HMI applications where remote control, monitoring and support are desirable. Interact Xpress software is pre-installed and bundled with Parker CTC's new XPR PowerStation hardware: NEMA4/4X-rated XPR PowerStations available in 6", 8" and 10" TFT touch-screen displays. Xpress comes with drivers ready to communicate to Parker's controllers as well as virtually any PLC on the market.



Servo Drives with Ethernet-based Motion Bus

Parker's family of Compax3 drives has expanded to include the ETHERNET Powerlink motion bus. Available in several different form factors, the Compax3 fits any application: single-axis and "bookshelf-styled" multi-axis units. Both form factors can be used with Parker's motion bus or as a single-axis standalone, decentralized controller that is programmed using IEC61131-3. The single family of Compax3 drives range in power from less than 1kW to over 100kW in 17 models.

Machine Control with Ethernet-based Motion Bus

The new Aries Controller offers users a single-axis servo drive/controller with Ethernet communication and HMI connectivity. Aries Controller combines the versatile and cost-effective Aries digital servo drive platform with the advanced control capabilities of the ACR servo controller.

In addition, Parker's ACR9000 family of digital machine controllers includes ETHERNET Powerlink in its platform: the ACR9040. This lightning-fast, deterministic, Ethernet-based motion

bus greatly simplifies and speeds the installation and commissioning processes. Complete with Ladder Logic, the ACR9000 family can solve the most complex machine-control applications integrating up to 16 axes of servo control.

High-Bandwidth Servo Motors

Parker's MPP motor line incorporates leading-edge technology in the design. Continuous output torque can reach 4000 in-lbs and all these motors can be customized to meet the demands of any application. The MPP motors are available in very dynamic low-inertia rotor design and also a higher-inertia version for better control in higher-load situations. Utilize Parker's full customization ability to source a motor with special design needs.

Linear Actuators

From the HPLA high-speed roller-bearing belt drives to the HD, a ballscrew-driven industrial table providing exceptional beam strength and carriage stiffness, Parker's linear drives are suitable for the most rigorous applications. For smaller/lighter loads and where space is at a premium, Parker's XE series and the PROmech series are the industry choice for linear motion.

We recently added the powerful MPP motor as an option to the HPLA and HLE belt-driven product configurables, making the creation of a complete system – from actuator to gearhead to motor – easier than ever.

High-Bandwidth Linear Servo Motors

If the combination of Parker's MPP motors and linear actuators doesn't provide the speed and accuracy needed, look at Parker's full line of linear motor technology. Parker has both high- and low-force linear motors. With a complete line of ironless (I-Force) and ironcore (RIPPED) linear motors and linear motor positioners, packagers are sure to find both the speed and precision needed in today's high-throughput applications.

Gearheads

Parker's Stealth Gen II Gearheads provide performance enhancements that include higher radial load capacities (four times greater in some cases) and increased service life (nearly double) resulting from the incorporation of more robust bearing support, dual angular contact bearings to support the output carrier, full complement needle bearings to support the planet gears and optimized gearing geometries. Internal design changes allow for one fill level for any orientation, resulting in shortened part number designation and simplified order placement.

For more information, please visit www.parkermotion.com/packaging.

Like a personal tour of the Parker booth? Please email mhawthorne@parker.com and we'll arrange it for you.

See you in Chicago!

www.parkermotion.com