Engineered Motion Control Systems for Metals Processing

Parker's Electromechanical and Drives Division provides custom AC and DC drive systems for a variety of applications used in coordinated processes. Many of these processes take place in the processing of metals. Our reliable, high quality solutions provide manufacturers and OEM's with the latest AC and DC Drives technology. Though Parker is a global company, we take pride in working with customers in an unassuming way, engineer to engineer.

Manufacturing Applications:

- **Breakdown Mills**
- **Pilger Mills**
- **Tube, Rod & Bar Mills**
- **Slab and Billet Casting**
- **Run-out Tables**
- **Bar Straighteners**
- **Cut to Length Lines**
- **Uncoilers and recoilers**
- **Coil to Coil Reversing Mills**
- **Material Handling**

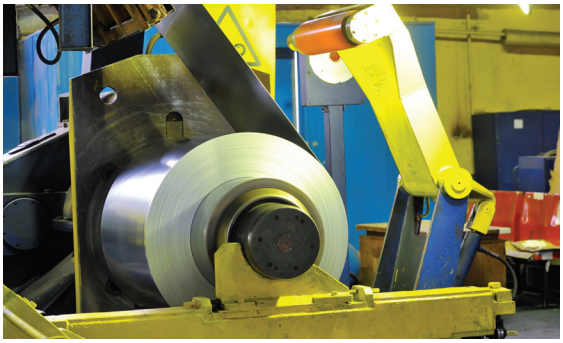
With a long history of providing drives and systems to metal processing OEMs, Parker is uniquely qualified with industry experience. Continuous processes require **accurate speed and tension control** to be maintained under changing load conditions, as well as **special functionality** for tricky applications like cut-to-length and rotary shearing. The combination of rock-steady speed and torque control and the flexibility of DSE software provides a system that delivers a high quality end product time after time. In addition to systems for new machinery, Parker systems have been used to upgrade older ones. Advantages of retrofitting can include higher throughput, better control and accuracy, and the ability to interact with plant SCADA systems.

Finishing Applications:

- **Strip Processing Lines**
- **Coating, Pickling, Plating**
- **Slitting, Edge Trimming**
- **Rotary Shearing**
- **Hot and Cold Saws**
- **Bridle Rolls**
- **Controlled Coil Cars**
- **Forming Rolls**
- **Annealing Lines**
- **Galvanizing Lines**

Parker

ENGINEERING YOUR SUCCESS.

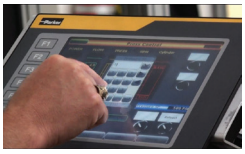


High Performance AC Drives: AC890/AC890PX Series

The AC890 Series is a range of common bus capable, modular AC drives, designed to minimize space and maximize performance in multiple axis applications. AC890 can provide precise torque, speed, and position control and can be configured to control permanent magnet AC or AC induction motors. Available as standalone or common bus DC modules. With power output to 2000 HP, air cooled or liquid cooled variants available. Available at 380, 460, 575, and 690 VAC.

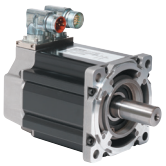
Human-Machine Interface (HMI)

Parker's HMI panels offer many of the features found only on PC based SCADA systems and provides an easy to use development environment for creating custom screens for any application. **IIoT capable**...Data collected on this device can be quickly and easily shared with your facility SCADA system over an Ethernet network or a variety of other networks like Firewire, CANopen, Profibus, DeviceNet.



Broad Product Line

Parker's product line breadth is unparalleled in the industry. The Electromechanical and Drives Division alone can provide a comprehensive line of AC and DC drives, servo motors and drives, gearheads, linear actuators, and the "PAC" programmable automation control.



Systems

Parker offers a complete in-house design and build service, enabling you to focus on your core competencies. Parker's systems team is able to undertake all aspects of a system project, from specification to commissioning and programming services. Our system design engineers are well versed in PLCs from all major manufacturers, and in SCADA communications, including Parker InteractX HMI software and programmable automation control products (PAC).

Have an application or want to learn more?

Feel free to call or email to discuss with our applications team. Find out how Parker can help make your testing processes more efficient and more productive with our proven innovative solutions!

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