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aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



# AC890PX Drive Solutions for the Metals Industry



### Parker Hannifin Corporation SSD Drives Division

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[www.SSDDrives.com](http://www.SSDDrives.com) [www.parker.com](http://www.parker.com)

Your Local Authorized Parker Distributor



ENGINEERING YOUR SUCCESS.

**AC890PX** – A unique high power AC drive from Parker SSD Drives with modular architecture. Takes up less floor space than the competition. Pluggable PowerPak Modules mean less downtime. 380, 415, 460, 575, and 690 volt units give it global flexibility. And we include the line fuses, AC disconnect, dynamic braking, and line reactor for easy installation!

#### 4- mode operation

- Volts/Hz
- S-Vector
- Flux Vector
- Servo (PMAC)

#### Motors supported:

- AC Induction
- PM Torque Motor
- PM synchronous
- Brushless AC servo

#### Communications:

- IEEE 1394A, 1394B FireWire
- DeviceNet
- CanOpen
- Profibus
- ControlNet
- Ethernet/IP
- Modbus/TCP

- *Faster* line speeds
- *Precision* flying splices
- *Accurate* tension control



#### Applications:

- Slab and Billet Casting
- Side Trimming
- Strip Processing Lines
- Un-coilers and Re-coilers
- Coating Lines
- Metal Finishing
- Pickling Lines
- Bridle Rolls
- Controlled Coil Cars
- Rotary Shearing
- Fence weaving
- Rolling Mills
- Run-out Tables
- Galvanizing Lines
- Annealing Lines
- Tube Mills
- Rod & Bar Mills
- Bar Straightener
- Slitting Lines
- Slab Cooling Beds
- Hot and Cold Saws

Parker SSD Drives delivers what the metals industry demands:

- Accurate speed and torque control
- Energy savings and efficiency
- Unlimited duty cycle
- Rugged design with high overload capability
- No routine maintenance required
- Compact cabinets to use a minimum of floor space
- Reliability and minimal downtime

#### Special functions:

The AC890PX can be programmed for many specific applications, including pay-off with looping pit, multi-roll accumulator, cut-to-length, and either center or surface-driven coiler or un-coiler. Our many years of experience in the industry have resulted in a vast collection of application solutions.

#### Minimize downtime:

PowerPak Modules slide on tracks and plug into bus system, and can be changed out in minutes. Modules weigh under 50 lbs for ease of handling and hassle-free shipping.



#### Engineered Systems Capabilities

Our factory, together with a network of system integrators, can provide a system solution to control an entire production line. The advantages of a system approach include:

- Coordinated section control
- Faster commissioning
- Maximized throughput
- Custom HMI control
- Single source responsibility