



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



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AC890PX Drive Solutions for Extrusion



ENGINEERING YOUR SUCCESS.

AC890PX – A unique high power AC drive from Parker SSD Drives with modular architecture. Air cooled and liquid cooled (PXP) ratings cover power requirements through 1800 HP. 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!



Special Functions:

- Winder
- Cut-to-length
- Tension control
- Flying splice
- Positioning

Direct-Drive space savings with Parker TMW series Torque Motor

- ***NO GEARBOX needed!***
- Up to 10% more efficient than gear-driven extruders
- Eliminates maintenance from belts, pulleys, gearbox oil
- Easy screw extraction from the rear or the front
- Reduced installation time with flying power cables
- Silent operation - meets new 80dBA limits
- Tight speed regulation maintains uniform extrusion quality
- Standard thrust bearing for easy replacement of gearbox

4- mode operation

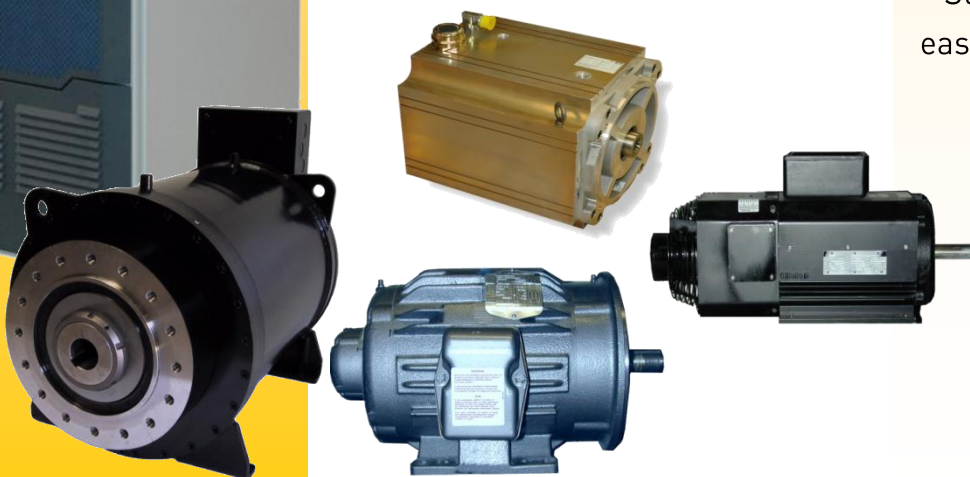
- Volts/Hz
- S-Vector
- Flux Vector
- Servo (PMAC)

Communications:

- IEEE 1394A FireWire
- DeviceNet
- CanOpen
- Profibus
- ControlNet
- Ethernet/IP
- Modbus/TCP
- Profinet/IO

Motors supported:

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



Parker SSD Drives delivers what extruder users demand:

- Exceptional low speed torque
- High accuracy for a consistent product
- Reliability and minimal downtime
- Integration with existing system for easy retrofit

AC890 Series for auxiliary drives:

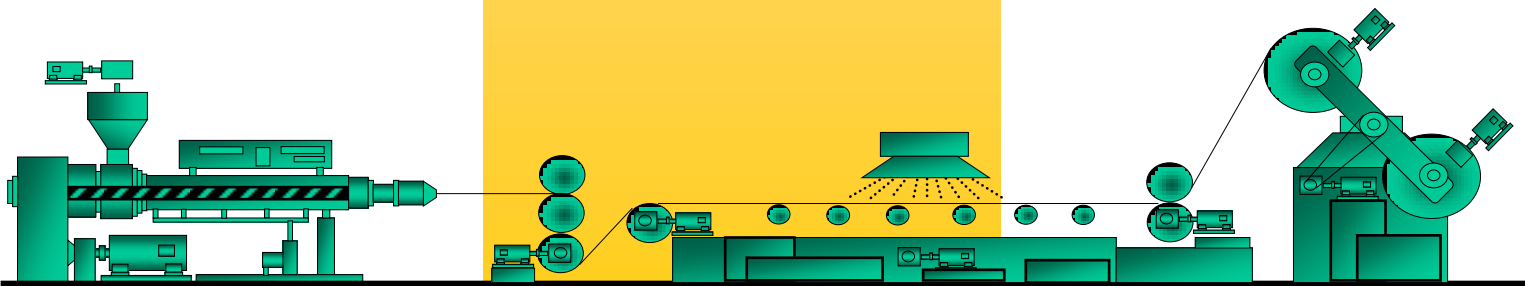
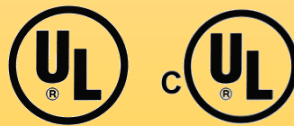
Common bus system or stand-alone drives - 1-150 HP

- Pullers
- Chill rolls
- Printing
- Slitting
- Metering pumps
- Winders



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.



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HA471700 Rev 1 8/2010



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PRECONISATEUR DE SOLUTIONS DEPUIS 1986