

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



SSD Drives

Solutions for Pulp and Paper



ENGINEERING YOUR SUCCESS.

Solving DRIVE APPLICATIONS for the PULP AND PAPER INDUSTRY for over 30 years



Log Slasher



De-barking



Screening



Bleaching

Complete line of AC, DC and Servo drives and motors



Wet End Rolls



De-water press



Nip Rolls

- De-barking
- Screening
- Log carriage
- Bleaching

- Headbox
- Former
- Press section
- Dryer section

- Sizing press
- Coater
- After dryer
- Calender rolls

- Nip rolls
- Yankee dryer
- Slitters
- Winder

Engineered Drive Systems



- Turn-Key Systems
- Faster Commissioning
- Single Source
- Global Integrator Network
- Total Project Support

Parker SSD Drives integrator series, AC or DC

... your choice.

Integrator series drives end the guesswork and confusion of which drive to use in any application. Whether it's AC or DC, **integrator series** drives share common hardware accessories such as keypads and communication cards, and have embedded the same powerful application macro blocks that make tackling your application easy.

AC690+ ...to 1600 HP

- Volts/Hertz control
- Sensorless Vector
- Flux Vector with feedback
- Regenerative and Active-Front-End types



DC590+ ...to 2000 HP

- Series 2 advanced feature set
- Hi-resolution analog I/O
- Regenerative and non-regenerative types
- Compact DRV design



SSD Drives Advantages:

- Built-in paper application blocks and winder functions
 - *Precision* flying splices
 - *Accurate* web tension control
- Conformal coating is available for harsh environment
- Worldwide service and support



AC890/AC890PX

Flexible Modular Drive Systems

A simple concept with an elegant implementation - MODULAR AC components that can be combined to form a complete common DC bus multi-section drive system, saving space, reducing wiring and providing unmatched system performance and efficiency. Fast peer-to-peer communications ensure real-time application performance. Communications interfaces are available for all popular fieldbus protocols and PLC interfacing. Parker **TS8000** HMI Touchscreens work seamlessly together with all system elements for total machine control. For the utmost in power quality, 12 pulse, 18 pulse, and Active Front End designs are available.

TS8000 HMI Touch Screens



5 sizes: 3, 6, 8, 10, 15"

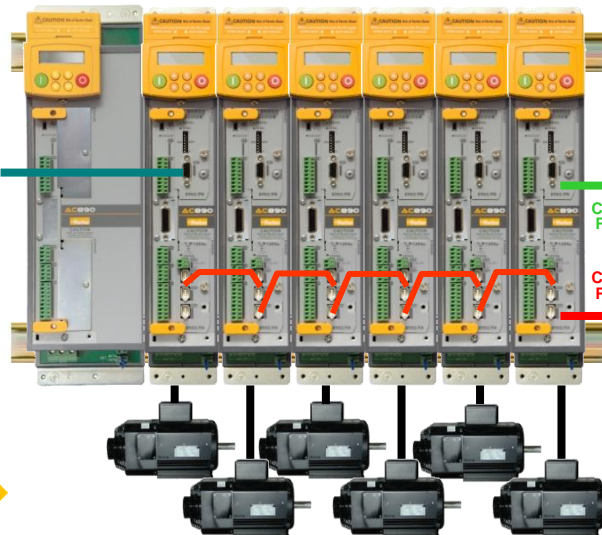
- On-board comms ports
- Web enabled
- Built-in Ethernet
- Remote monitoring and control
- Powerful graphic displays

Why Firewire?

As defined by IEEE 1394, FireWire delivers 400 Mbps performance, 3 orders of magnitude faster than most industrial serial buses and almost 1,000 times faster than other fieldbus networks.



AC890 Drive System



Communications modules for all popular protocols



A-B
ControlNet.
DeviceNet
CONFORMANCE TESTED



Siemens
PI INTERNATIONAL
PROFIBUS
PROFINET



Modicon
Modbus®
CANopen



Ethernet/IP,
Modbus/TCP,
EtherCAT, &
RS485

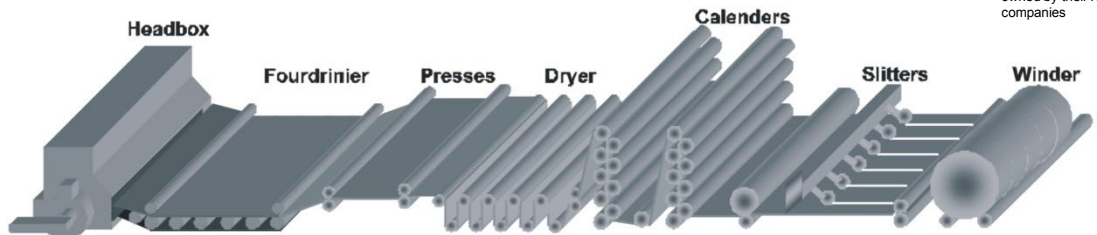


Firewire Remote I/O
-Digital I/O
-Analog I/O
-Thermocouples



All trademark names and associated marks are owned by their respective companies

Typical Paper Process



For higher power applications:

AC890PX

- Modular construction
- PowerPak modules change out in minutes
- Easy wiring – fuses and disconnect included
- 460V, 575V, and 690V units available
- Active Front End option available



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Parker Hannifin Corporation

SSD Drives Division

9225 Forsyth Park Drive
Charlotte, North Carolina 28273

Tel: (704) 588 3246

Fax: (704) 588 3249

www.ssddrives.com/usa www.parker.com/ssd

