Drives for the
Pulp and Paper
Industry
• Over 25 years manufacturing drives
• Drives specifically suited for paper mills
• Complete line of AC, DC and Servo drives

Solving DRIVE APPLICATIONS for the
PULP AND PAPER INDUSTRY

• De-barking
• Screening
• Fan pumps
• Bleaching

• Headbox
• Former
• Press Section
• Dryer Section

• Sizing Press
• Coater
• After Dryer
• Calender Rolls

• Nip Rolls
• Yankee Dryer
• Slitters
• Winder

SSD Engineered Drive Systems

• Coordinated section control
• Faster start-ups
• Maximized throughput
SSD integrator series drives 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.

AC integrator series

3-in-1 Control
• Volt / Frequency control
• Sensorless Vector
• Flux Vector with encoder

Regenerative and Active-Front-End types

...to 1600 HP

DC integrator series

• Hi-resolution analog I/O
• Regenerative and non-regenerative types
• Compact design

...to 2000 HP

common platforms
= common options

• common keypad controls
• common communication techboxes
• common configuration software

Built-in paper application blocks and winder functions

• Faster line speeds
• Precision flying splices
• Accurate tension control
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. Firewire peer-to-peer communications ensure real-time application performance. Other communications interfaces are available for all popular fieldbus protocols and PLC interfacing. SSD Drives TS8000 HMI Touchscreens work seamlessly together with all system elements for total machine control.

**Complete Modular Drive Systems**

...all from one vendor

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**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.

FireWire supports full communications directly from node to node. By bypassing varying delays due to central processing loads, 1394 is fast and deterministic in node-to-node communications, enabling high-performance LINK VM embedded applications without any PC presence.

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**IEEE1394 Firewire peer-to-peer comms**

**Typical Paper Machine**

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**WORLDWIDE SALES & SERVICE**

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