

Drives for the Rubber and Plastics Industry



AC DRIVES

DC DRIVES

SERVO DRIVES

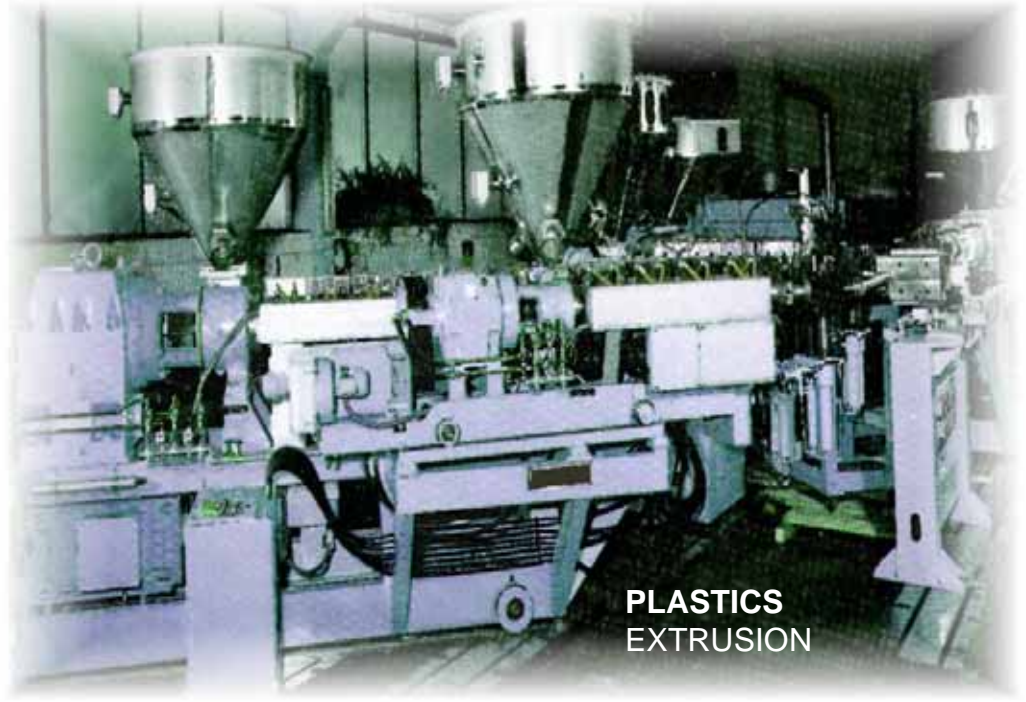
MOTORS

DRIVE SYSTEMS

- Over 25 years manufacturing drives
- Drives specifically suited for rubber and plastics
- Complete line of AC, DC and Servo drives



Blown Film



PLASTICS EXTRUSION

SOLVING DRIVE APPLICATIONS FOR THE RUBBER AND PLASTICS INDUSTRY

- Printing
- Slitting
- Accumulators
- Winders
- Tape Lines
- Thermoforming
- Grinders and choppers
- Cooling Pumps & Fans
- Extrusion Screws
- Banbury Mixers
- Injection Molding
- Blown Film Lines
- Nip Rolls
- Pelletizing
- Chill Rolls
- Coating
- Embossing
- Laminating



SSD Drives Factory Engineered Systems

SSD Drives provide

- **Faster** line speeds
- **Precision** flying splices
- **Accurate** tension control
- **Coordinated** section control
- **Faster** start-ups
- **Maximized** throughput

AC or DC or Servo ... your choice.

690+ series



- 3-in-1 Controller
- Electronic Line Shafting
- Power Loss Ride Through
- Application macros
- Flexible comms options



RUBBER
Intermeshing mixer

AC and DC drives have ...

- Built in winder functions
- Common communications techboxes
- Same configuration software

590+ series



- Hi-resolution Analog I/O
- Removable Keypad
- Compact Design
- Fuses and contactor built in



SERVO

- Built in 1500 step motion controller
- Fieldbus communication options
- User-friendly software
- Custom designed motors
- Ready for cut-to-length, position control and more

AC890

Complete Modular Drive Systems ...all from one vendor

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.

TS8000

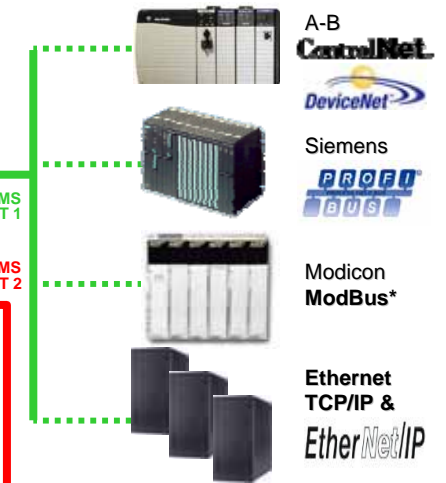


- 4 sizes: 3, 6, 8 and 10"
- On-board comms ports
 - Built-in Ethernet
 - Remote monitoring and control
 - Powerful graphic displays

AC890 Drive System



Available Communications Modules*



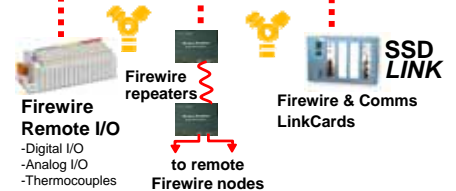
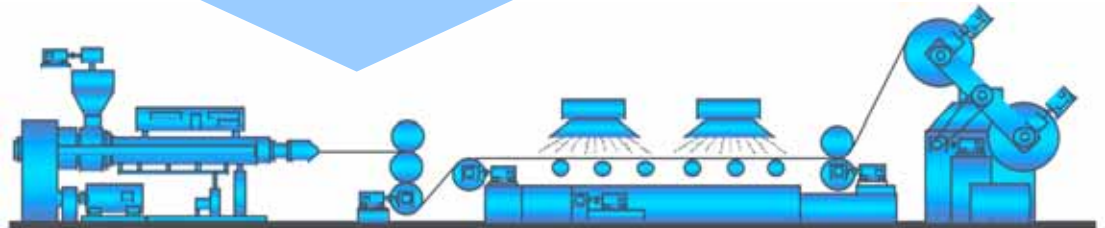
Why FireWire?

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.



Plastics Extrusion Line

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.



* all trademark names and associated marks are owned by their respective companies

WORLDWIDE SALES & SERVICE

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