

FINCOR AUTOMATION

AC & DC

Single-Width

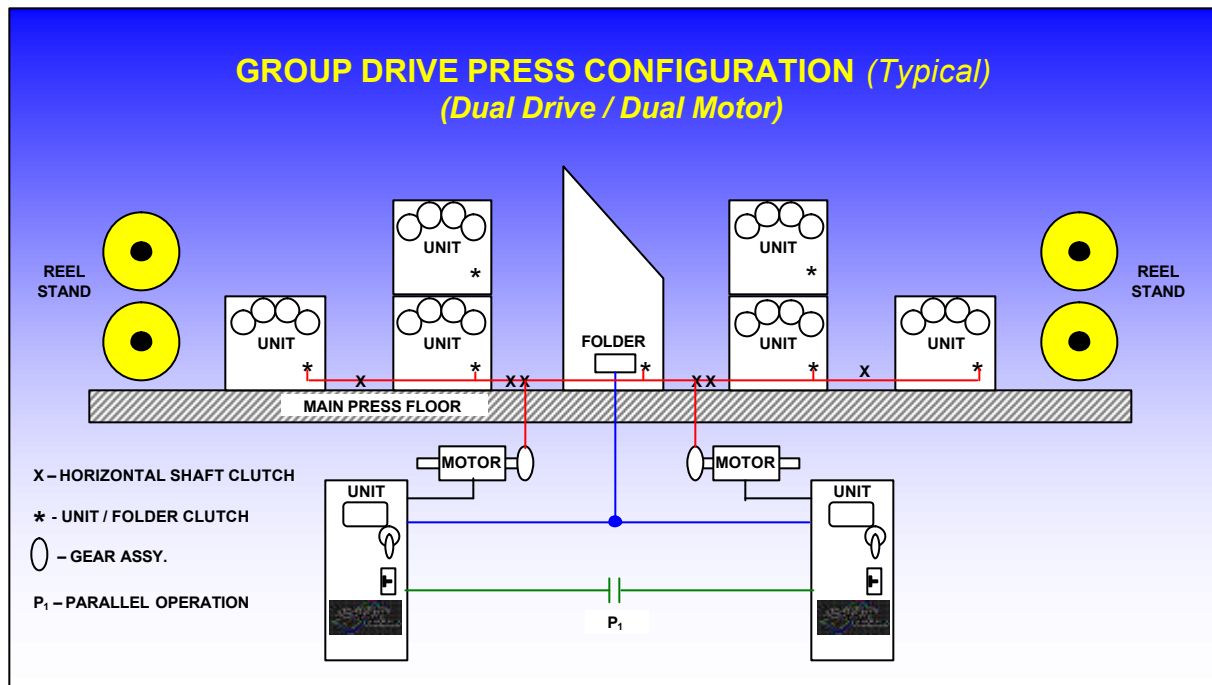
Press Drives

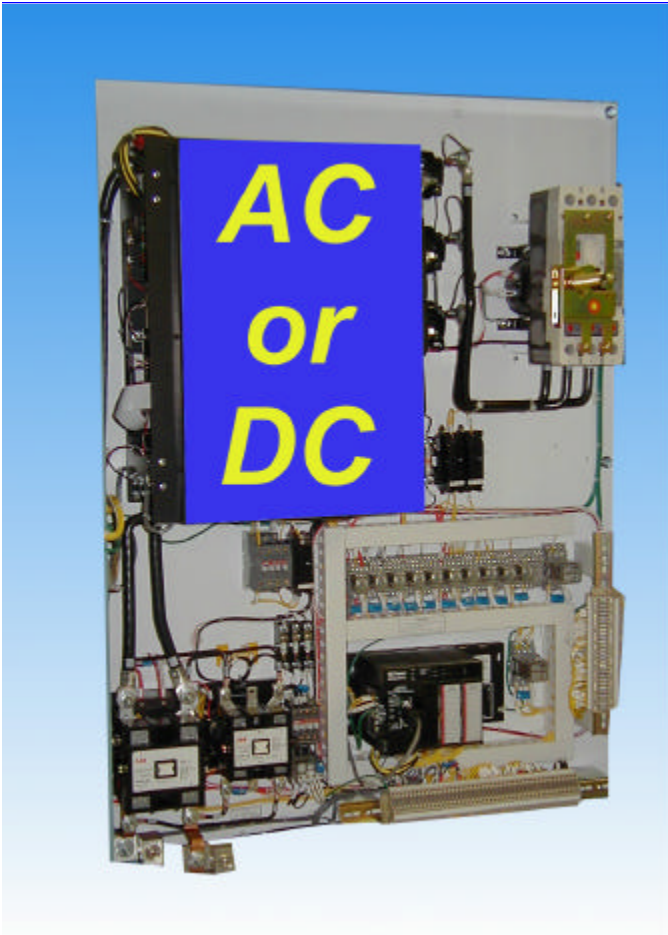
Today, Fincor Automation has more than 4,500 double-width and over 9,000 single-width press drives installed around the world. With our experience and history in the newspaper industry, Fincor Automation has developed a reputation for providing reliable, trouble-free products along with exceptional service and technical support. Our new drives are designed to power your new single-width presses or to replace your existing press drive equipment.

Why Use Fincor Automation Press Drives?

- Over 50 years experience in the newspaper industry
- Country's leading supplier of single and double width press drives
- Wide horsepower range increases flexibility for future expansion
- UL and cUL listed, Made in USA
- Features AC line reactors which protect the drive from power surges
- DC - Brush wear indicator ensures timeliness of motor preventive maintenance

- Turnkey installation available
- Reduced harmonic distortion
- Complete motor isolation
- Reduced motor energy consumption
- Reliability
- Access to service technicians available 24 hours per stay
- Fincor Automation trained service engineers to assist in checkout and start up



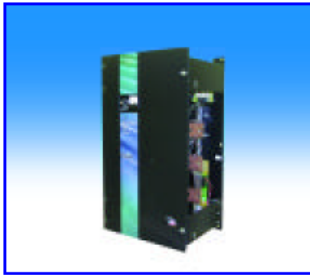


Operational Features

Fincor Automation's position as a leader in drive design relies on its ability to continuously develop and improve the efficiency and reliability of Adjustable Speed Printing Press drives.

Features for the new single-width press drives include:

- AC line reactors insure proper di / dt protection
- DC Six SCR power bridge assembly
- AC New Generation IGBT power devices
- Motor contactor
- Operator accessible inch speed adjustment
- Annunciators mounted on front door.
- DC Constant current field supply with field economy
- Solid State speed reference
- Tachometer feed back
- Power supplied for operator controls
- Designed to operate with customer furnished control and signaling devices
 - Faster push button
 - Slower push button
 - Inch push button
 - Safe Stop push button
 - Red signal lights (ready)
 - Green signal lights (safe)
 - Alarm bell
 - IPH meter
 - Clutch limit switches
- Safety Signal System to meet ANSI B65.1
- Designed specifically to support standard press function controls
- Many available options including brush wear indicator



Model 3120 DC Analog Drive

Features

- Utilizes Fincor Automation's Standard 3120 (6 5CR) analog power module
- 12 position test switch and meter to measure various (drive operating) characteristics
- Solid state speed reference (0-10 VDC)
- Automatic load sharing
- Dynamic Braking
- Manual drive selection for multi-drive systems
- Current limiting circuit
- Numerous options
- 0-10 VDC speed signal output available



Mentor II DC Digital Drive

Features

- Utilizes Control Techniques Mentor II with MentorSoft diagnostic connectivity. Offers Modbus connection with a multitude of other network possibilities.
- Digital test and setup panel permits monitoring and simple adjustment of essential operating parameters .
- Programmable Logic Controller
- Safety Signal System
- Back-up provisions
- Automatic drive selection and interlocking
- Reduced connections for simplified installation
- Automatic inherent load sharing through current regulation.
- Regenerative braking (improves web control during braking)



Unidrive SP A.C. Flux Vector Drive

Features

- Utilizes Control Techniques Unidrive SP AC Digital Power Module with CTSOFT diagnostic connectivity. Offers Modbus connection with a multitude of other network possibilities.
- AC Drive Technology offers energy savings by maintaining a uniformly High Displacement Power Factor throughout the speed range.
- AC motors require much less motor maintenance
- Digital test and setup panel permits monitoring and simple adjustment of essential operating parameters.
- Programmable Logic Controller
- Safety Signal System
- Back-up provisions
- Automatic drive selection and interlocking
- Reduced connections for simplified installation
- Automatic inherent load sharing through

Specifications

Ratings:

- | | |
|---------------------|---------------------|
| • Horsepower | |
| Low Voltage | 40-75 HP |
| High Voltage | 75-200 HP |
| • Power Source | |
| Low Voltage | 208-230 3/50-60 Hz |
| High Voltage | 380-460 3 50-60 Hz |
| • Service Factors | 1.0 |
| • Duty | Continuous |
| • Overload Capacity | 150% for one minute |

Operating Conditions:

- | | |
|----------------------------|---|
| • Line Voltage Variation | ± 10% of rated |
| • Line Frequency Variation | ± 2 Hz |
| • Ambient Temperature | 32-104°F (0-40°C) |
| • Altitude (Standard) | 3300 feet (1000 meters) max. |
| • Controller Size | 55.0"H, 36.5"W, 15.3"D - Consult Factory |
| • Controller Weight | 550lbs. - Consult Factory |