

perretta

G R A P H I C S C O R P O R A T I O N



P/2200 AND P/N2200 SERIES REMOTE INK FOUNTAIN CONTROL/AUTOMATIC PRE-SET CONSOLES FROM PERRETTA GRAPHICS

Advanced Software and Electronics give you power and unparalleled performance

Perretta Graphic's P/2200 Series Ink Console is a computerized control center for Perretta's patented segmented blade assemblies or can be expanded through the addition of software modules to control other press functions. State-of-the-art software and electronics provide unmatched precision, accuracy and speed in controlling and pre-setting ink fountains.

The P/2200 Series Console's unique "Multi-Move" feature allows all fountains to move simultaneously upon command.

Features that Save Time and Money

- * The P/2200's background memory provides for setting your next job while the current job is running.
- * Stores jobs internally (up to 1000) for reruns or an occasional lift.
- * No-wait data stacking - while the computer positions one fountain, you can adjust others.
- * Digital electronics - absolute segment positioning.
- * Automatic pre-set using built in digital pre-set, plate scanner, or previously saved settings.

Easy-To-Use Control Console Means Faster, More Accurate Ink Setting

The P/2200 Series Console provides a high-resolution bar graph display and corresponding digital read-out of segment positions, allowing you to see exact blade segments positions and changes. The console's easy-to-use ink adjustment keyboard includes plus/minus settings for each individual segment and an overall plus/minus adjustment in percentage; do - undo for going back to previous ink settings, swap fountains, copy etc.

The Process Control Tool Bar

The P/2200 features a 15" flat touch screen for displaying the Tool Bar based GUI. The Perretta Process Control Tool Bar lets the operator run multiple press control functions from a single source.

- Remote control of ink keys.
- Overall ink and dampener adjustment including master curves.
- Closed Loop Color.
- Color to Color Register.
- Digital Preset.
- General press operating functions.

The P/N2200 Newspaper Console features special "page layout" view for ink key positioning. The P/2200 console lets you control the segmented blades for up to 256 fountains on any newspaper configuration.

Perretta's Direct-Drive Segmented Blade Assemblies make Ink Control easier and more efficient than ever through precise, accurate segment positioning.

Our patented, leakproof ink fountain blade assemblies are segmented for precise ink flow.

Unlike ink fountains that rely on inexact "spring-back" positioning, the P/2200 uses a direct-drive or "push-pull" system. The drive-shaft features a captive-screw principle with pre-loaded thrust bearings that ensure high mechanical integrity, for precise and accurate segment positioning

Each segment is individually driven by its own computer-controlled digital motor. Our drive motor reliability is unmatched by any other ink control system. Blade assemblies are sized to fit any press, web or sheet fed. They can be transferred to other presses; each fountain blade module can be sized at a future date to fit other presses.

Individual segments move linearly to the ink fountain roller as opposed to an angular movement associated with other ink control systems. The result is a more positive response to the operators commands.

Mechanical backlash is automatically eliminated when making ink adjustments by using forward travel for all segment positioning.

With the flip of a switch, an electro-mechanical override for each segment position at the ink fountain is provided to by-pass system electronics.

SPECIFICATIONS

Console Dimensions

The P/2200 Series is available in five sizes: 42"W x 72"L (107 x 183cm)
59"W x 72"L (150 x 183cm)
59"W x 98"L (150 x 249cm)
53"W x 112"L (135 x 284cm)

Optional Data Transfer Methods when using Perretta P/2200

For use with Perretta's Digital Preset Center, VPS/2100 Plate Scanning System or FS2100 Filer System.

- Perretta Networking, using Ethernet Protocol (Direct Wire Communication) allows you to select pre-set data you need by entering a job number directly from the console and transferring the scan data in less than 10 seconds.

- 3 1/2" Disk Drive - allows you to manually transfer job data on convenient diskettes.

Pre-Wiring

- All segmented ink fountain assemblies are pre-wired for easy installation.
- Cable, including termination, that runs from junction box at press to individual ink fountain assemblies.
- Cable, including termination, that runs from Ink Control console to junction box at press.
- Junction box at press.

Input Power

115vac, 60Hz, singlephase, approx 20amp. 220 vac, 50 Hz single phase, approx 10 amp.

Hardware

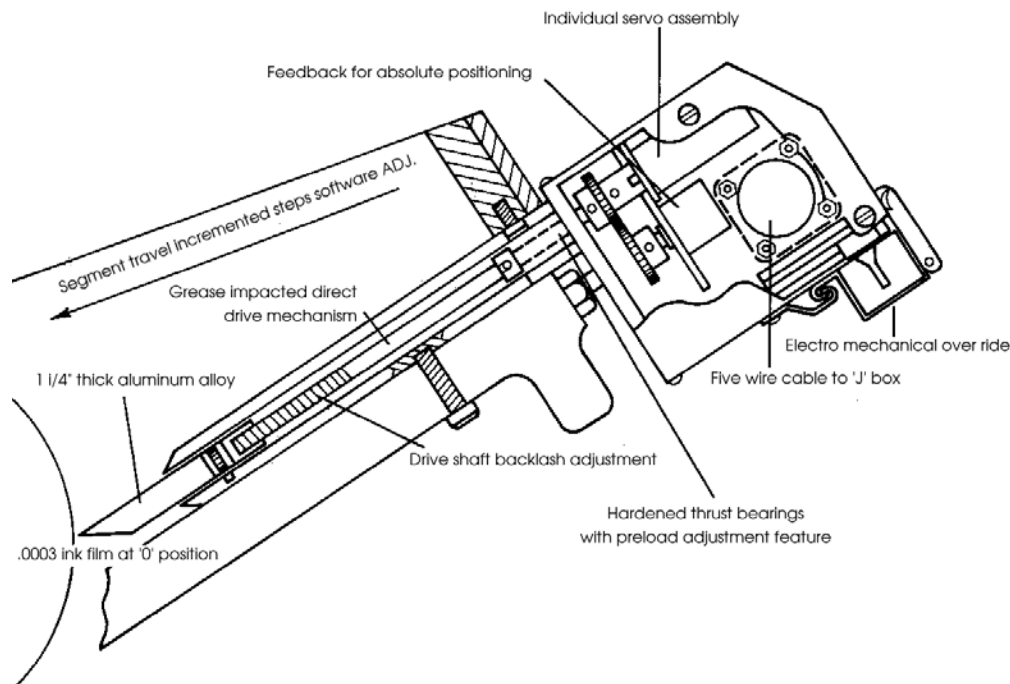
- Industrial Grade Pentium processor. 550MHz, 4Gig disk storage, 64Mb RAM.
- High resolution bargraph display with both analog and digital callout for each segment position.
- Windows NT based software with easy to use menus and windows displays for operator prompting.

Construction

Heavy duty construction using a blend of durable materials. Specially built for easy installation.

Electronic Circuitry

Computer and electronic circuits are mounted on printed circuit boards and employ state-of-the-art technology using an open architecture design.



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