PLATE SYSTEMS

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SPECIFICATIONS

PS-Plate System

<table>
<thead>
<tr>
<th>Name</th>
<th>Pos/Neg</th>
<th>Run Length</th>
<th>Application</th>
<th>Printing Side</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNX</td>
<td>Negative</td>
<td>Long to extra long run</td>
<td>High-quality extra long run production printing, web-offset, sheet-fed, and UV</td>
<td>One</td>
</tr>
<tr>
<td>FND</td>
<td>Negative</td>
<td>Medium to long run</td>
<td>High-quality production printing, web-offset &amp; sheet-fed offset</td>
<td>One</td>
</tr>
<tr>
<td>FNS-S</td>
<td>Negative</td>
<td>Short to medium run</td>
<td>High-quality production printing</td>
<td>One</td>
</tr>
<tr>
<td>FNS-R</td>
<td>Negative</td>
<td>Short to medium run</td>
<td>High-quality production printing</td>
<td>Two</td>
</tr>
<tr>
<td>FNC-B</td>
<td>Negative</td>
<td>Short run</td>
<td>High-quality production printing, web-offset &amp; sheet-fed offset</td>
<td>Two</td>
</tr>
<tr>
<td>FNO</td>
<td>Positive</td>
<td>Medium to long run</td>
<td>High-quality production printing</td>
<td>One</td>
</tr>
</tbody>
</table>

PS-Plate System

FOR OPTIMUM PRINTING PERFORMANCE

Fujifilm presents an offset plate line that leads the world in quality and batch-to-batch consistency, winning numerous technical achievement awards for their superior quality and performance. Fujifilm PS-Plates offer optimum performance for every printing need, and all utilize environmentally safe aqueous chemicals. These developments result from Fujifilm’s commitment both to the advancement of graphic arts technology, and to performance that is friendly to people and the earth.

PS-Plates Features

• Unsurpassed productivity. By dramatically reducing vacuum time and halation, Fujifilm PS-Plates maximize productivity in the plateroom and pressroom.
• Rich tone reproduction. The Fujifilm PS-Plate line offers exceptional dot resolution in highlight, midtone and shadow areas, with a minimized dot gain ratio and superior print quality.
• Clean work environment. Fujifilm has produced the cleanest plate system available. Neither plate nor processing solutions are harmful to the environment.
• Excellent ink and water balance. A unique multigrain aluminum structure provides water receptivity that ensures an easy-to-maintain ink and water balance, plus minimum dot gain on press.
• Totally aqueous plate line. Fujifilm offers the first complete plate system which utilizes only aqueous chemicals, from short-run duplicator to long-run web.

Faster Processing

At just 20 seconds, negative plate processing is 2 to 3 times faster than conventional types. Also, development of positive plates takes only 12 seconds—3 times faster than conventional types.

Low Replenishment

The developer remains stable for a long period of time, so replenishment requirements are 20% to 50% less than conventional processor types. This also significantly reduces effluents.

Simple Maintenance

Upper and lower rollers can be lifted off for cleaning by releasing a single latch. In addition, gears and other drive parts are situated apart from the side panel, so cleaning can be done quickly by simply scrabbling and hosing down the tank interior.

The PS-Plate System is part of a full line of film, scanning, digital proofing, plates and imaging products designed to increase your productivity. Because all of our plants are ISO 9000 certified, you can expect consistency from product to product, box to box, batch to batch. What’s more, all plates are manufactured at Fujifilm’s state-of-the-art facility in Greenwood, South Carolina. You get world-class technology and American craftsmanship in these high-performing, easy-to-use plates.

### Fujifilm PS-Plate Processors

Fujifilm’s new generation of PS-Plate processors offer unique benefits due to unmatched design. Immersion technology along with sequential startup and shutdown offer users 25K square feet of plate processing capacity between chemistry changes.

Fujifilm’s tradition of no water wash for its plate processors continues with the PS850NB, saving thousands of gallons of rinse water annually. Quick throughput, easy cleanup and consistent development make the PS850NB the state of the art processor.

- Capable of handling sizes from 10” x 15 13/32” to 33” x 44 1/2”.
- Two to three times faster than conventional types.

### PS620NB

**TYPE**
- Floor standing roller transport automatic processor with rotary brush, single-bath immersion.

**PROCESSING STEPS**
- Development > finishing > drying

**PLATE TYPE**
- Fujifilm Negative PS-Plates

**PLATE SIZE**
- Width: up to 24”
- Length: 33” – unlimited
- Thickness: .006” – .012”

**TEMPERATURE CONTROL**
- 30ºC ±1ºC

**TANK CAPACITY**
- Developer tank: 4.4 U.S. Gal.
- Finisher tank: 2.1 U.S. Gal.

**DIMENSIONS**
- Width: 35 13/32”
- Length: 72.0”
- Height: 43 5/16”

**POWER CONSUMPTION**
- 220VAC, 10A, 50/60Hz, Single Phase, 15A

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### PS850NB

**TYPE**
- Floor standing roller transport automatic processor with rotary brush, double-bath immersion.

**PROCESSING STEPS**
- 1st development > 2nd development > finishing > drying

**PLATE TYPE**
- Fujifilm Negative PS-Plates

**PLATE SIZE**
- Width: up to 33”
- Length: 12 1/4” – 44 1/2”
- Thickness: .06” – .016”

**TEMPERATURE CONTROL**
- 1st development 30ºC ±1ºC, (built-in heater)
- 2nd development set at 77ºF processing temperature, (built-in heater)

**TANK CAPACITY**
- 1st development tank: 6 U.S. Gal.
- 2nd development tank: 1.5 U.S. Gal.
- Finisher tank: 2.1 U.S. Gal.

**DIMENSIONS**
- Width: 50 13/16”
- Length: 94 7/64”
- Height: 41 5/16”

**POWER CONSUMPTION**
- 230VAC, 50/60Hz, Single Phase, 15A

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### PS1300HB

**TYPE**
- Roller transport double-bath automatic plate processor with rotary brushes.

**PROCESSING STEPS**
- 1st development > 2nd development > finishing > drying > (with DU1300H)

**PLATE SIZE**
- Width max: 33”
- Length: 17 13/32” – 66”
- Thickness: .006” – .020”

**TEMPERATURE CONTROL**
- 1st development 86ºF, second development 77ºF processing temperature, (built-in heater)

**TANK CAPACITY**
- 1st development tank: 8 U.S. Gal.
- 2nd development tank: 1.5 U.S. Gal.
- Finisher tank: 3.5 U.S. Gal.

**DIMENSIONS**
- Main unit only: 40 3/8” H x 66 1/8” W x 52 3/16” D
- With dryer DU1300H and receptacle: 40 3/8” H x 66 1/8” W x 115 15/16” D

**POWER CONSUMPTION**
- 220VAC, 60Hz, 2.6 KVA (Dryer: 3.4 KVA)

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