• Heavy card stocks
  Up to 500gsm (24 pt)
• Oversized Sheets
  Up to 13” x 52”
  (330 mm x 1321 mm)
• New HD Color / LED
  Printhead Technology
• High Resolution
  Up to 2400
• Rapid Print Speeds
  Up to 50 pages per min.
• Includes iQueue
  Ultimate Color Workflow

PlateMaker 7 Inside

WORKFLOW:
iQueue XI Digital Workflow

INTERNAL RIP:
Adobe® PostScript® 3™

XANTÉ PATENTED
ACCURATE CALIBRATION
TECHNOLOGY (X-ACT™):
Precise control over horizontal
and vertical dimensions

LINESCREEN / RESOLUTION:
Up to 150+ LPI / 1200 DPI

PLATE RUN LENGTH:
>20,000 Impressions
The HWC Heavyweight Champion Digital Print System lets you elevate your in-house printing capabilities from the expected to the extraordinary. The complete digital solution allows users to print on a wider variety of media including extremely thick card stocks, textured stocks and more. The system is driven by the iQueue Ultimate Color Workflow that provides advanced print management, patented color correction tools and new file editing / setup tools.

**Versatile and affordable**
Now you can afford to go digital and start meeting the demand for fast full color flyers, brochures, envelopes, mailers and cards. It also allows you to offer your customers additional print services like product packaging, P-O-P displays, table tents, door hangers, paper bags, menus, oversized banners (up to 13” x 52”) and more.

The complete digital solution is driven by the iQueue Ultimate Color Workflow that’s designed specifically for digital print systems. iQueue makes it easy to manage multiple digital files, make critical color adjustments, apply imposition, import variable data, estimate job costs and more.

**LED printhead technology. Better color, better images**
The HWC Heavyweight Champion Digital Press utilizes high definition LED prinheads for superior images and stronger colors. Unlike traditional laser technology, there are no moving parts within the LED mechanism for greater reliability.

**HD Color Printing technology**
High Definition color is the standard for the HWC Heavyweight Champion Digital Press. HD Color renders deeper, more saturated colors, finer detail and more precise toner placement than ordinary color printers. This unique color process includes:

- **Multilevel LED printheads** control the amount of toner applied to each dot, preserving fine image detail and maximizing color fidelity.
- **HD Microfine toner** is engineered to ensure printed documents are sharp and crisp, with a high-quality finish.
- **Single Pass Color™ technology** enhanced to improve color registration, regardless of paper type and weight, and provides better toner transfer across a wider range of media types.

**Straight feed path provides more media options**
The HWC Heavyweight Champion Digital Press features a unique straight media path design that allows users to feed extra heavy card stocks up to 500gsm (24 pt), textured stocks, most pre die-cut / perforated and even embossed blanks. All printed output is laser safe.

**Heavyweight Champion with High Capacity Production Feeder**
Increased media capacity for up to 3500 sheets*.

*Input capacity varies with media weight.

**Front-accessible consumables** make changing or replacing toner cartridges and image drums quick and easy.
Adobe® Postscript® 3™: True Adobe PostScript 3 offers reliability, increased performance, and the assurance of compatibility to work from virtually any software application and hardware environment.

Xanté Accurate Calibration Technology (X-Act™): Our patented Accurate Calibration Technology gives you precise control over horizontal and vertical dimensions on page images ensuring unmatched output accuracy.

Advanced Halftone Calibration: Now you can calibrate plate output to match production needs. Use the automated Quick Calibration, or the Advanced Calibration feature which allows you to fine tune the HWC Heavyweight Champion with PlateMaker 7 to your specific environment.

340MM Output Option: Provides the option to print a 13 3/8” wide plate. It also includes a Pinbar Alignment feature that allows users to print vertical lines at the top of each plate. This line can be used as an accurate guide when punching multiple plates in two and three-color jobs.

Chemical-Free, Process-Free: Non-Electrostatic Plates: Supports chemical-free plate making using Myriad 2 polyester plates, making computer to plate printing more cost effective and less time consuming.

The HWC Heavyweight Champion with PlateMaker 7 CTP System is the affordable solution that allows you to produce high quality, high resolution polyester plates without processing or chemicals. The complete solution features the iQueue Ultimate Workflow that automates prepress production and streamlines the entire platemaking process.

### PlateMaker 7 Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Myriad 2 Plates</td>
<td>Available in the following sizes: 10” x 15”, 10” x 15½”, 10” x 16⅛”, 11” x 18”, 11” x 18⅛”, 11¼” x 18¼”, 11¾” x 19⅛”, 11¾” x 19⅝”, 12” x 18”, 12” x 19⅛”, 12” x 19⅝”, 12” x 25”, 13” x 19¾”, 13” x 19⅝”</td>
</tr>
<tr>
<td>340mm Option</td>
<td>13⅝” x 19⅝” (340mm x 505mm)</td>
</tr>
<tr>
<td>Media Weights</td>
<td>4 mil plates - Plate Auto Loader</td>
</tr>
<tr>
<td>Noise Level</td>
<td>Printing - less than 49.5 dB; Standby - less than 35 dB</td>
</tr>
<tr>
<td>Printer Language</td>
<td>Adobe PostScript 3</td>
</tr>
<tr>
<td>Typefaces</td>
<td>136 resident PostScript Typefaces; TrueType® 42 font rasterizer; Types 1/3/4/5/6 PostScript download support</td>
</tr>
<tr>
<td>Interface</td>
<td>Simultaneously active - 10/100BaseT Ethernet® (EtherTalk®, TCP/IP, LPR, IPP)</td>
</tr>
</tbody>
</table>

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## System Specifications and Benefits

### Performance
- **4-Color Digital utilizing LED Printhead technology**

### Print Speed*
- **CMYK/Mono**: Up to 50 ppm Letter, 27 ppm Tabloid
- **Time to First Page**: Approx. 8 seconds
- **Duty Cycle**: 300,000 pages per month

### Print Quality
- **Resolution**: Up to 2400 / Up to 1200 for PlateMaker 7®

### Memory
- **RAM (Standard/Max)**: 2 GB / Processor 1 GHz ARM CPU

### Compatibility
- **Printer Languages**: Adobe® PostScript® 3™, PCL® 6, PCL 5c, XPS®
- **Connectivity**: High-speed USB 2.0, 10 Base-T/100 Base-TX/1000 Base-T Ethernet
- **Network Protocols**: TCP/IP, EtherTalk

### Media Handling
- **Media Sizes**: Tabloid extra: 12” x 18” (305 mm x 457 mm), tabloid: 11” x 17” (279 mm x 432 mm), legal, letter, executive, 3” x 5” (76 mm x 127 mm) index cards, A3, A4, A5, A6, B5, C5, DL. Com 10, Monarch envelopes, banners, up to 13” x 52” (330 mm x 1321 mm), and ALL Myriad 2® Plate sizes*.
- **Duplexer**: up to 13” x 18”

### Media Capacity
- **Multi-purpose Tray**: Up to 300 sheets
- **Trays 1**: Up to 530 sheets
- **Input High Capacity Feeder**: Up to 3500 sheets**

### Environmental
- **Size (WxDxH)**: 27.5” x 24.6” x 25.2” (699 mm x 625 mm x 640 mm)
- **Weight**: 257.9 lb. (117 kg) including consumables
- **Temperature/Humidity**: 50˚ – 90˚F (10˚ – 32˚C) / 20% – 80%RH
- **Power Consumption**: Active: 1600W max. / 1100W avg.; Standby: avg. 40W; PowerSave mode: 30W or less; Sleep mode: 4W or less; Auto Shutoff: 0.4W or less
- **Noise Levels**: Active: 57dBA or less; Standby: 34dBA or less; PowerSave mode: Inaudible

### Workflow
- **iQueue Ultimate Multi-User Color Workflow**: with advanced color corrections and print management controls

### Warranty
- **Limited**: 1 Year; 5 Year Digital LED Printheads*

### Consumables
- **Toner Cartridges**: Cyan (200-100357), Magenta (200-100358), Yellow (200-100359), Black (200-100360)
- **Image Drums**: Cyan (200-100362), Magenta (200-100363), Yellow (200-100364), Black (200-100365)
- **Transfer Belt**: 200-100367
- **Fuser Unit 110v**: 200-100368
- **Fuser Unit 220v**: 200-100369
- **Waste Toner Box**: 200-100370
- **Myriad 2 Plates**: 11/16” x 15” (200-100056), 10” x 15/16” (200-100060), 10” x 16” (200-100058), 11” x 16” (200-100058), 11” x 18½” (200-100034), 11½” x 18½” (200-100050), 12” x 18” (200-100054), 12” x 19½” (200-100055), 12” x 19½” (200-100057), 12” x 25” (200-100059), 13” x 19½” (200-100062), 13” x 19½” (200-100063), 13½” x 19½” (200-100082)

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