PS/M v8.0 Product Specifications

Product Description	PS/M is an entry-level Macintosh OS X-based workflow software solution with a full complement of prepress tools and an intuitive user interface. PS/M is fully automated, can be installed on as many computers as needed. Individual workstations can be dedicated to specific tasks, from interfacing with a DTP workstation to RIPing and outputting. PS/M connects to all the Creo CTF* and 4-up Lotem Xpose CTP devices. PS/M can output to Iris contract proofers via IQ Pro, or send a single CMYK TIFF file to a proofer. PS/M can output to digital blueline proofers via Creo Integris solution.
Features and Benefits	
PostScript 3 Support	PS/M RIP is based on Adobe RIP technology. It has PostScript 3 support including PDF transparency flattening and high quality vignette handling.
PostScript & PDF Preview	Operators can preview files in PostScript or PDF form prior to imaging to avoid errors and wasted media. It assures quality, helps troubleshooting, and permits changes before RIPing.
Image Replacement (APR/OPI)	Automatically replaces working low-resolution images with high-resolution images in final layout. Creo APR for CT, EPS and TIFF file formats, plus support for OPI with no need for an OPI server.
Native PDF RIPing	Easy to use without extensive training or expertise. Page-independent RIPing avoids re-RIPing entire documents for remake or corrections.
RIP Once Workflow	Assures data integrity and predictability, uses the same data for all output devices.
Post-RIP Display and Editing	Enables color correction of PS/M pages using PressTouch or PhotoShop software, reduces material waste and eliminates the need for additional processing after color-correction.
SuperCombine for Proofing Output	Creates high-quality, proof-ready files that can be sent via IQ Pro or Brisque to Iris proofers or directly to Iris iPROOF and other proofers for contract proofs prior to imagesetting.
Merge	Combines a pre-separated Job to a composite Job, enables trapping of pre-separated files.
TIFF/IT-P1 Support	Creates standard file formats for output to any workstation includes optional TIFF/IT-P1 import and export.
Creo 1-bit TIFF Support	Exposes Creo 1-bit TIFF files to all Creo CTF machines.
Turbo Screening	Delivers smoother vignettes and dot shapes, and increases screen ruling at any RIP resolution.
Expose Half Resolution LW	Saves RIP and trapping time and disk space without compromising image quality.
Imposition	Supports full PostScript/PDF flat imposition.
Asian Languages Support	Supports Chinese, Japanese and Korean CID fonts.

Prerequisites	PCI-based Macintosh computer supplied by customer (no upgrade cards). Must have one open PCI slot for Turbo Screening Board for CTF connectivity. Minimum configuration: Power Macintosh G4, 450Mhz, 256MB RAM, 400MB free disk space, Mac OS X 10.2. Recommended configuration: 512MB RAM, 600MB free disk space.
Product Version	8.0
Available Configurations	PS/M v8.0 HASP4 USB (015-00266A)
Components	
• Standard Hardware:	HASP4 USB dongle
• Standard Software:	PS/M v8.0 software PressTouch software (without framing)
• Documentation Included:	PS/M Release Notes (multi-language) PS/M User Guide Application Notes
• Training Included:	Training is not included. Classroom or WebEx (North America only) training packages must be purchased separately.
• Consumables Included:	None
Options:	
• Optional Software:	
PressTouch with framing (501R49877)	A Macintosh-based tool for opening, editing and trapping Brisque and PS/M Pages and LWs. It supports FDL (FAF Decision List) and FAF zones protection.
PDF2Go (501R49694)	Convert post-RIP files to PDF format, for cross-platform file export.
InkPRO (015-00327A)	Automatic machine ink-key setup for superior print quality. It enables low cost proofing directly to HP proofing devices including 650, 750, 1050, 2000, 3000, and Iris43WIDE.
Staccato 25 Series for Lotem Xpose (015-00172A)	Includes Staccato 25, 35, 36, 40 and 70 spot sizes for PS/M with Lotem 400 Xpose configuration only.
3rd Party to Creo CTF Connectivity via PS/M (015-00269A)	Exposes 3rd party 1-bit TIFF files to all Creo CTF machines. Note: When outputting 1-bit TIFF files, proper file formats and orientation should be complied. Any new file format needs to be tested and approved by Creo.
Preps v4.2 Plus (501R49749)	Creo imposition software that can impose any combination of PostScript®, PDF, EPS, DCS, TIFF, and Delta™ List source files into signatures, eliminating the need for manual stripping.
Preps v4.2 Pro (501R49750)	In addition to the Preps Plus software, it supports web growth compensation, CIP3 cutting data export, multiple sections, OPI, DCS merging, and support for on-demand printing.
Input File Type	PostScript, EPS, PDF, CT/LW, TIFF, TIFF/IT-P1, 1-bit TIFF
Output File Type	CT/LW, PDF, TIFF/IT-P1, TIFF

General Functions	PS/M converts PostScript, PDF, Preps imposition, and TIFF/IT-P1 files into CT/LW file formats that can be output to any Creo device.
Specific Functions	PostScript 3 RIP converts spot colors, vignettes, and transparency objects into CT/LW file formats. Hot Folders enables fast and easy to use automation. Each Hot Folder queues files for automatic RIPing, trapping and imaging. TIFF/IT-P1 module imports and exports TIFF/IT-P1 file format into the system. Combine module converts PS/M Jobs into CMYK TIFF files. Expose module outputs to all Creo CTF* and Lotem 400 Xpose devices.

***Note: Creo CTF devices include Dolev 2Press Plus, Dolev 250, Dolev 450, Dolev 4Press, Dolev 4**PressV, Dolev 800, Dolev 800V, Dolev 800V^2, and Dolev 800V^3.