	SpeedSetter® VM	SpeedSetter® VMPlus	SpeedSetter® VM4
Imager Engine	Internal-Drum		
Laser Type	Violet laser diode, 60mW Violet (405 nm)		
Spot Size	10 microns		
Plate Registration	± 25 microns typical		
Resolution	2540 dpi, 100 dpmm		
Minimum Plate	9.5″ x 15″ (241 mm x 381 mm)		9.5″ x 15″ (241 mm x 381 mm)
Maximum Plate	20.88″ x 19.88″ (530 mm x 505 mm)		36.5″ x 25″ (927 mm x 635 mm)
Image Area	20.88″ x 19.88″ (530 mm x 505 mm)		36.5″ x 25″ (927 mm x 635 mm)
Plate Types	All currently available violet-sensitive aluminum, silver and photopolymer plates		
Plate Thickness	.006″ to .008″ (.15 mm to .2 mm)		.006″ to .012″ (.15 mm to .3 mm)
Plate Handling	Manual load and unload (yellow safe light required)		
Productivity	[19] 13.3″ or [13] 20.1″ plates per hour	[45] 13.3″ or [35] 20.1″ wide plates per hour	[36] 13.3″ or [20] 30" wide plates per hour
Power	110 or 220 V auto switching, 50/60 Hz, 15 amps (external vacuum pump: voltage specific)		
Dimensions / Weight	46″ x 23″ x 24″ (117 x 59 x 61 cm) / 180 lbs. (80 kg)		64″ x 28″ x 28″ (163 x 71 x 71 cm) / 300 lbs. (136 kg)
Optional Stand	42″ x 24″ x 30″ (107 x 61 x 76 cm) / 160 lbs. (73 kg)		59″ x 30″ x 30″ (151 x 76 x 76 cm) / 250 lbs. (114 kg)
Pump Size / Weight	26″ x 13″ x 15″ (66 x 33 x 38 cm) / 60 lbs. (27 kg)		

P24 PlateRunner Specifications	
Minimum Plate	9.5″ x 13.3″ (241 mm x 338 mm)
Maximum Plate	25″ x 37″ (635 mm x 940 mm)
Plate Thickness	.006″ to .012″ (.15 to .30 cm)
Water Supply	Potable (tap) water. Built-in recirculation water saver (optional)*
Filtration	10", 100/50/25 micon filtration
Fluids / Dev. Capacity	Plate manufacturer's recommended developer, regeneration fluids and gum. / 17 liters dev.
Plumbing Connection	3/4″ (20 mm) hoses
Operating Power	220 V, single phase, 50/60 Hz, 25 amp max.
Dimensions	Without racks: 56″ x 35″ x 36″ (143 x 89 x 91 cm) With racks: 96″ x 35″ x 36″ (244 x 89 x 91 cm)
Weight	350 lbs. (160 kg)
Options	*Water recirculation kit, Developer Chiller

LOCAL DEALER:

RIPit North America
Citrus Heights, California
Phone: 888-947-4748
Fax: 916-962-7053
Email: sales@ripit.com
www.ripit.com

RIPit Europe AB
Jönköping, Sweden
Phone: +46-36-35 47 90
Fax: +46-36-35 47 91
eurosales@ripit.com
www.ripit.com

Outside of North America:
Exxtra Imaging Systems
Hauppauge, New York, USA
Phone: +1-631-231-3998
sales@exxtra.com
www.exxtra.com

OpenRIP® Symphony™ Core Specifications

Standard OpenRIP Symphony Features:

- True Adobe® PostScript® 3™ Interpreter
- PDF 1.5 Support
- Monitor Preview and Preflight
- Support monochrome, process color and spot color files
- RasterView™ full resolution preview with Ink Usage Calculator, CIP3 Support, Screen Angle and Density Check Tool
- Agfa® Balanced Screening
- Adobe Accurate Screens
- Imagesetter Linearization and Dot gain Compensation Wizards
- Direct PostScript, TIFF, EPS, and PDF printing
- Custom Plate Templating
- Page Information: Add Crop Marks, Targets and Color Bars
- Custom Job Queuing (ticketing) with drag & drop feature

Optional OpenRIP Symphony Features:

- Adobe® In-RIP Trapping with TrapZone™
- StripRITE™ raster imposition
- RIPit KOOLKolor™ inkjet proofing with AdvancedProof feature
- RIPit KoolToning™ inkjet halftone simulator
- AdvancedScan™ scan-to-plate with Raster Touch-up
- PerfectBLEND™ hybrid screening technology
- OpenRIP Remote, RIP control from workstations
- TIFFout, PSout, RRJout and GDIout Drivers
- Export Proof, save, preview and email low res. raster files *and much more.*

Optional Hardware / Software: ImagerQ Concerto

- Remote TIFF shooter workstation / Integrates 1-bit TIFF workflow

This brochure was printed by Lodi Printing in Lodi, California using violet metal plates imaged at 180 lpi / 2400 dpi, on a SpeedSetter® VM4 (4-up) CtP System, and run on a Heidelberg SpeedMaster.

SpeedSetter® VM CtP Series

Complete 2-up and 4-up violet metal imaging solutions

RIPit's SpeedSetter® VM CtP Systems are the affordable 2-up and 4-up, violet metal CtP solutions. They deliver reliability, productivity and quality for the small to mid-size commercial printer. The SpeedSetter VM, VMPlus and VM4 are manual load-unload internal drum platesetters, tightly integrated with RIPit's award winning OpenRIP® Symphony™ workflow, and the optional P24 PlateRunner photopolymer plate processor.

Reliable, Turn-key Solutions

SpeedSetter VM CtP Systems are engineered to be simple, reliable and productive. The VM engine uses a highly reliable internal-drum and violet laser technology to produce accurate, long running metal plates.

All critical components are modular for easy maintenance and ensure minimum downtime to help you meet production demands.

The easy-to-use, award winning workflow automates prepress production and streamlines the entire platemaking operation. The combined workflow benefits and platemaking technology provide the small to mid-size commercial printer with a turn-key solution that dramatically increases through-put and overall print quality, resulting in an excellent return of investment.

Violet Metal Technology and Internal-Drum Accuracy

SpeedSetter VM Systems use a single, reliable 60mW violet laser diode instead of a complex array of high-power thermal lasers. The same laser technology is used in many consumer electronic devices. They 're less expensive, require less power, generate less heat and last far longer than thermal lasers.

The VM's internal drum design is a simpler, lighter, more reliable imaging technology which involves far fewer moving parts. The fast *air-bearing spinner motor** let you quickly image quality metal plates at 2540 dpi with linescreens over 200 lpi.

Maximum Platemaking Versatility

The VM's manual load-unload design and auto vacuum mechanism provide quick plate changes and allow you to image various size plates to suit a variety of 2-up and 4-up presses. SpeedSetter VM CtP Systems provide the freedom to image all silver and photopolymer violet metal plates that are available on the market today.

SpeedSetter VMPlus CtP
2-up [portrait and landscape]

SpeedSetter VM4 CtP 4-up [panorama]

Complete Modular Imaging Systems

SpeedSetter VM CtP Systems are modular solutions that are available in several configurations to meet a wide variety of production and budget needs. Purchase the optional features you require now! Later on, add additional features to meet your shop's growing production needs.

The SpeedSetter VM is a 2-up CtP System that offers high quality production at an affordable price. SpeedSetter VM features RIPit's award winning workflow that automates prepress production and makes it easy to produce quality, long running metal plates to suit all common 2-up portrait and landscape (B3; including SpeedMaster 52) presses on the market.

The SpeedSetter VMPlus is a high production, 2-up (B3) CtP System that utilizes a high RPM *air-bearing spinner motor.* The VMPlus delivers approximately 2.5 times the production speed of the SpeedSetter VM, without sacrificing quality or accuracy.

The SpeedSetter VM4 is a high production, 4-up CtP System. The SpeedSetter VM4 features RIPit's multi-task, multi-device workflow, fast *air-bearing spinner motor,* and the ability to image high resolution violet metal plates for common 4-up (B2+; including SpeedMaster 74) and 2-up (B3; including SpeedMaster 52) presses.

- *Internal-Drum accuracy and reliable Violet Laser Technology*
- *Award winning workflow automates the entire platemaking process*
- *Image various size plates to suit a variety of presses*
- *Three models designed to fit your production and budget needs*

** Air bearing spinner motors are used on the VMPlus and VM4 platesetters.*

OpenRIP® Symphony™ Core Award Winning CtP Workflow

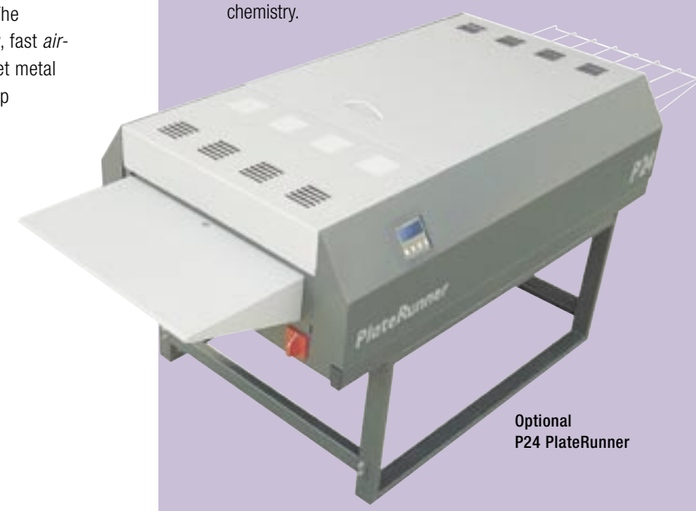
OpenRIP Symphony is an Adobe® PostScript® 3™ RIP that offers a multi-task, multi-device workflow designed to increase prepress production and drive all the PostScript and TIFF-in devices in your shop including: Platesetters, Imagesetters, Laser Printers, Digital Copiers, Inkjet Printers / Plotters, and Digital Presses. Symphony's production smart features automate complex prepress tasks, eliminate human error, increase through-put and help you to meet your customer's tight deadlines.

ImagerQ Concerto TIFF Integration

RIPit's ImagerQ Concerto provides easy integration to any 1-bit TIFF workflow and provides independent control of SpeedSetter VM platesetters. Submit raster files then preview them, set output options and control output to your imaging devices.

Optional P24 PlateRunner

The P24 PlateRunner can process a wide range of violet sensitive photopolymer plate products. The P24 develops A2 up to B2 sized, single sided, aluminum printing plates using standard chemistry.



Optional
P24 PlateRunner