

MS-One Specifications

Platform: Based on a Epson 4000 Pro Graphic Inkjet Printer, including Variable Droplet Micro Piezo® DX3™ Technology, with design enhancements and modifications by MS Italy

Printable area: 16" wide by 22" long

Dimensions: 5.5 ft. x 3 ft. x 20 inches

Installed colors: Dual CMYK (110mL cartridges)

Warranty: One year parts and labor through Sawgrass Technologies

Availability: The MS-One, fueled by NaturaLink™, is sold through a network of Authorized NaturaLink™ Channel Partners.

MSRP: MS-One machine is \$17,995.

Application:

T-shirt - long sleeve and short sleeve.

Sweat shirts | Terry towels

Adjustable platen accommodates range of product widths

Apparel Specifications:

Printer currently works with whites and pastel shirts which represent 70% of the T-shirt market

Works with 100% cotton and cotton blends.

Consumables:

NaturaLink (Cyan, Magenta, Yellow, Black)

Time and Yield of 10" x 12" Image

PowerDriver MS-One offers 2 modes to meet your printing needs: bright and brightest. Each mode has 2 settings: vivid and realistic. The realistic setting attempts to match your screen colors as much as possible. The vivid setting boosts the output saturation of all colors in your image. Time and yield are effected by each setting, along with image size and density. For testing purposes, we used both the bright mode and the brightest mode with the vivid setting for a 10" x 12" image.

Bright: 47 seconds / \$0.75 per image / 1125 images

Brightest: 94 seconds / \$1.00 per image / 900 images

Transfer parameters:

Standard Heat press: 400 degrees at 40 psi, for 25 seconds.

Must use blotter paper to eliminate ink on heat platen.

Productivity:

All images are printed at 360 x 720 DPI

Time per pass using the Sawgrass Power Driver is .47 seconds per pass (This is timed from the time you push the print button until the printing screen returns to ready mode. This is based on a 10" x 12" image.

Driver/Pass settings:

The MS-One can be driven by Power Driver MS-One or via Ergosoft RIP software.

Wash Fastness:

Extensive testing done by washing the shirts in "Hot" and using a standard dryer. Bleach was not used during this test.

Computer Minimum Requirements: Pentium 4 3 GHz, 1 GB RAM, USB 2.0, 80 GB Hard Drive, Windows 2000/XP

***This solution is not Macintosh compatible*

Software:

PowerDriver GUI interface, supplied at *No Charge* with the purchase of the MS-One. PowerDriver gives end customers an easy-to-use interface that allows you to control the exact output of all your garments. It also allows you to set the setting that best fit your garments and ensures that your colors match what your customers are looking for through the use of the ColorSure palette.

Software Minimum Requirements: Corel 10 and up, Photoshop 7 and up, Illustrator 10 and up

Technical Support:

Level One - Sawgrass will train its Channel Partners to provide end-user training on installation, standard configuration, product usage, print & heat fixation parameters, and provide general support to them as needed. Sawgrass will provide an installation kit, which will include a printer manual, PowerDriver software installation CD, and documentation to make the installation as user-friendly as possible.

Level Two - Sawgrass will provide its Channel Partners with access to Sawgrass support staff for specific application support inquiries related to subjects like software and configurations errors, and color management challenges. Sawgrass may elect to engage the end-user directly once the initial contact has been made with the Channel Partner.

Level Three -Sawgrass will directly support end-users that have technical issues with the printer including electronics, belt drive systems, ink delivery systems, or other defined product failures. Issue to be diagnosed by Sawgrass technical support staff and either remedied or referred to break/fix escalation.

Break/Fix Program - If it is determined that the Level Three technical issue cannot be resolved then Sawgrass will send a new replacement MS-One unit at no charge to the customer.

Warranty:

- MS Italy warranties MS-One's Printer Systems (all systems except for the ink delivery system) for a period of one-year from invoice date to end-user. Sawgrass will act as the MS-One Authorized Service & Repair Center for North America. If any of the above printer systems fail to perform to specification and Sawgrass is unable to troubleshoot, then the end-user will be given a return merchandise authorization, shipped a new unit as a replacement unit via three business day freight and the defective unit returned to Sawgrass in the same shipping crate.
- If the failure is related to the ink delivery system, Sawgrass will repair the printer at its own expense during the one- year warranty period.
- Sawgrass is looking into possibly offering an extended warranty on the MS-ONE – terms are still in negotiations.
- MS Italy will provide Sawgrass with MS-One printers units to be kept at Sawgrass for the break/fix replacement program.