

RapidClean™ Stencil Cleaner

RapidClean is a flexible, high speed solvent-based stencil cleaning solutions that boosts stencil cleaning performance and slashes cycle time.



RapidClean is a high-speed under-stencil cleaning system offered on MPM Momentum series printers. RapidClean is the fastest stencil cleaning solution available.

RapidClean is offered in two configurations. In the first, the base system combines two new features that work in unison to provide a total cleaning cycle time reduction of up to 50%. The cleaning cycle begins with RapidPrime, which prepares for the first wet wipe by applying solvent to the wiper paper before actual wiping is initiated. RapidPrime cuts wiper cycle time by up to 6 seconds. Then, the UniWipe feature combines standard wet vacuum and dry strokes into one wipe stroke. This reduces cycle time by up to an additional four seconds without compromising cleaning performance. With UniWipe, an entire stroke of a typical wiping process can be eliminated, thus reducing overall print cycle time significantly. RapidClean is available both as a factory option and as a field upgrade.

The second configuration, known as RapidClean+ (Plus), combines RapidClean with a high-speed, independent drive that reduces non-value added time before and after the actual wipe. This configuration saves up to two additional seconds over the base RapidClean. RapidClean+ is available as a factory-install option only, and is not field upgradeable.

Reduce cycle time and maintain superior cleaning performance with the MPM RapidClean high speed stencil cleaning system from MPM.

RapidClean™ FAQs

Q: What cycle time savings can I expect with RapidClean?

A: Depending upon the wiper profile and the board size (wiper stroke distance), cycle time savings of up to 10 seconds can be realized, and an additional 2 seconds saved with RapidClean+. Also keep in mind that fewer paper roll changes mean more up-time due to fewer production interruptions.

Q: What kind of 'paper savings' can I realistically expect from using RapidClean?

A: In high volume production, annual paper cost savings of up to \$10,000 can be realized. That's calculating 64 rolls per month savings over standard stencil wiping, or 28 rolls per month saved in a medium volume manufacturing environment.

Q: How does RapidClean Work?

A: RapidClean is offered in two configurations. In the first, the base system combines two new features that work in unison to provide a total cleaning cycle time reduction of up to 50%. The cleaning cycle begins with RapidPrime, which prepares for the first wet wipe by applying solvent to the wiper paper before actual wiping is initiated. RapidPrime cuts wiper cycle time by up to six seconds. Then, the UniWipe feature, using new technology, combines standard wet vacuum and dry strokes into one wipe stroke. This reduces cycle time by up to an additional four seconds without compromising cleaning performance. With UniWipe, an entire stroke of a typical wiping process can be eliminated, thus reducing overall print cycle time significantly.

Q: What is RapidClean '+'?

A: That's the second configuration, known as RapidClean +(Plus). It combines RapidClean with a high-speed, independent drive that reduces non-value added time before and after the actual wipe. This configuration saves up to two additional seconds over the base RapidClean.

Q: Which MPM printer models is this feature available on?

A: Momentum Series—RapidClean (UniWipe, RapidPrime) and RapidClean+ (addition of Independent Wiper Drive) available

Q: What version of software do I need on the MPM printer?

A: Momentum Series 3.5.2 and higher

Q: Are these configurations field-upgradable?

A: It depends. RapidClean is available both as a factory option and as a field upgrade. RapidClean+ is available as a factory-installed option only, and is not upgradable in the field.

Q: What is the price for this option?

A: Please contact your local Sales Representative for pricing information.