

maratek

solvent saver

Cellular Access
Allen Bradley PLC
Oil Cooling
Water Chiller
Container Sensors

SSP



Solvent Saver - Printing

SSP 8, 16, 32, 75, and 110

Solver Saver - Printing

You use a lot of solvent. You spend a lot of money dealing with the waste. To stay competitive, you've got to keep costs low. But to keep regulators happy and the environment safe, you have to demonstrate green initiatives. What can a company do?

See for yourself. Our reclaimed solvent is virtually indistinguishable from the virgin product. Maratek's Solvent Saver Printing models will help you reduce the amount of waste you produce. The benefits? Substantial cost savings that can be passed on to your customers and reduced VOC generator status that makes your environmentally responsible operation attractive to clients and investors.

Did you say "cost savings"?

No, we said "substantial cost savings"! One drum of virgin solvent on the press results in two drums of waste that cost over \$300 to dispose of. By recycling that solvent, you end up with nearly all of the solvent to reuse and less than \$20 of waste to ship. That's a 95% reduction in hauling costs and a lot less new solvent to buy!

Typical savings using Maratek's Solvent Saver - Printing (SSP) Models

Model	Monthly Solvent Purchases	Typical Annual Savings *◆
SSP 8	1-2 drums	\$9,200 – 18,400
SSP 16	3-5 drums	\$ 27,600 – 46,000
SSP 32	6-14 drums	\$ 55,200 – 128,800
SSP 75	15-42 drums	\$ 138,000 – 386,400

*from reduced solvent purchases and waste disposal

*based on \$8/gal solvent purchase price and \$3/gal waste

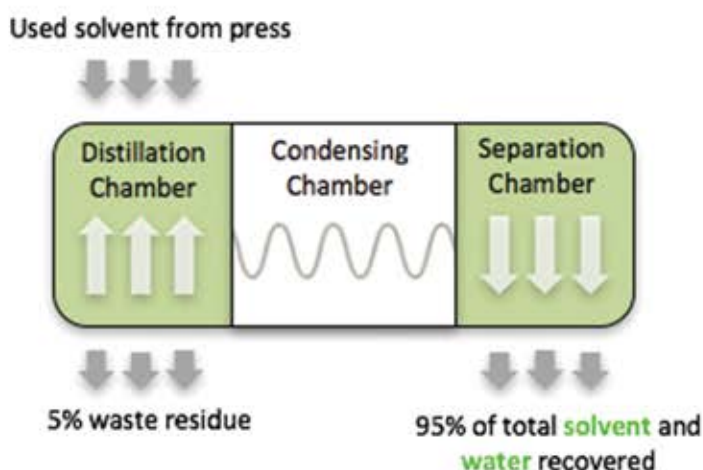
With the Solvent Saver Printing models, you can run 1 drum of solvent through your press over 10 times before you have 1 drum of waste to ship.

Solver Saver - Printing

How does it work?

The Maratek Solvent Saver Printing (SSP) models use a multi-stage vacuum distillation process that separates solvent into its components at lower-than-boiling point temperatures. Any waste residues are self contained within the unit, distilled water can usually be sent down the drain, and the reclaimed solvent is ready to go back on the press.

The SSP is an off-press automated machine that, once installed, needs very little attention. Switching out drums and using our touch-sensitive control screen is virtually all the labor that is required. It has a small footprint and because it operates at low temperatures, its explosion-proof design is safe for installation in the pressroom in most cases.



Solver Saver - Printing

Available Options

Option	Description
Oil Cooling	After processing the waste the thermal oil is rapidly cooled to reduce the time required to cool the sludge.
Cellular Access	The system PLC is accessible remotely through a cellular data connection. Settings can be viewed and changed as if the touch screen was being used. With your permission Maratek can also access the unit for troubleshooting. Lifetime free remote support from Maratek is included with purchase.
Container Sensors	Collection Container Sensors prevent overflow and spills
Dual Dose Fill and Empty	This option allows both the Automatic Filling system and Clean Solvent Collection system to use two containers. It will automatically switch which is used to reduce operator involvement
Allen Bradley PLC	This option replaces the standard PLC with an Allen Bradley system. Suggested for customers who are looking to integrate the unit into their existing Allen Bradley network. A six inch screen is standard, other sizes available.
Purge Box	This option allows the PLC to be mounted on the system inside the explosion proof area instead of in remote box.
Inspection Glasses	Includes 2 sight glasses allowing for a view into the boiling vessel.
Post Solvent Blending	The recovered solvent will be automatically blended with any required surfactants as well as virgin top up if desired.
Activated Carbon Filter	In some cases filtering the water distillate is recommended to remove an impurity. This filter is filled with activated carbon to remove these impurities and must be replaced occasionally over time.
Water Chiller	Cooling water is required for water cooled systems. If additional chilling capacity is needed a water chiller can be provided.