

Solvent Saver Series



Recover 5 to 10,000
Gallons per Day or More



Recover up to 95%
of Available Solvent



Fully Automated
Remote Control



C1D1 Certified
Safe Design

Solvent Saver Series

Completely
Automated
Operation

Recover up
to 95% of
Available
Solvent

304
Stainless
Steel
Construction

Lifetime
Remote
Support

Highest Level
of Safety
C1D1
Certified

Batch (5-50 gal/day)



Small (30-300 gal/day)



Medium (300-800 gal/day)



Large (over 800 gal/day)



Rentals & Financing Available

Maratek has a variety of payment options, financing terms or rental plans available. Some units are in stock for short lead times. Contact us for more details.



Solvent Saver Features

Air and Water Cooling Available	Depending on your applicaiton and facility we can cool vapors with either water or air.
Allen Bradley PLC System	Allen Bradley Controls for industry leading automation.
Automatic Clean Solvent Discharge	As solvent is recovered it will be automatically pumped to waiting containers.
Automatic Filling with Top Up	Automatic filling from a variety of containers. Topping up will automatically add more waste to the vessel during recovery.
Automatic Sludge Discharge	After each cycle the sludge is discharged to a waiting container. A pump can also be equipped to transfer the sludge elsewhere if the sludge is pumpable.
Back Up Pumps	Back up pumps can be integrated into the unit to reduce downtime.
Conical Vessels	The conical design provides easy sludge discharge.
Data Logging	The PLC can be equipped to log a variety of data points for quality control and tracking.
Dual Container Filling	Allows the system to fill from two containers and discharge clean solvent to two containers.
Explosion Proof Lighting	Provides a built in explosion proof lighting source.
Flow Rate Monitoring	Input and output flow rates can be tracked for analysis.
High Pressure Clean in Place	60 PSI cleaning spray with multiple nozzles cleans the inside of the vessel between cycles.
Internal Mixer and Scraper	An internal scraper keeps the sides and bottom of the vessel free of sludge build up while a mixer prevents foaming and improves heating efficiency.
Intrinsically Safe Tablet	This tablet can be used to control the system within the C1D1 area.
Mist Eliminator	Prevents entrained particles carrying over into the distillate.
Multi Level User Logins	Allows different employees to have different levels of access to the PLC.
Oil Cooling	Cools the thermal heating fluid to quickly cool sludge before discharge.
Remote Access PLC	Allows your operator to control the PLC remotely, also allows Maratek to access for support.
Spare Parts Kits	All systems can be sold with a parts kit to minimize down time. If a part is used during the warranty period it will be replaced as usual.
Stainless Steel Construction	All product contacting surfaces are 304 Stainless Steel.
Touch Screen PLC	A touch screen is included for PLC control and programming.

Safety Features

Anti Spill Sensors	The clean solvent and waste sludge containers are equipped with sensors to prevent spills.
Mechanical, Electrical and Hardware Safety Design	Our equipment is engineered with robust, multi-layered safety protocols, ensuring fail-safe operation in hazardous environments.
C1D1	All Solvent Saver systems are MetLab Certified Class I Division I Explosion Proof.
Nitrocellulose Handling	A variety of safety features can be added to safely process wastes containing Nitrocellulose.
Vacuum Assistance	Multiple vacuum systems are available depending on your applicaiton to lower the heat needed to boil the solvent.
Sludge Discharge Vapor Capture	Solvent rich vapor exhausted during discharge can be captured and redirected to prevent generating odors and improve safety.

**Some features may be offered at an additional cost, or not available for specific applications.*

About Maratek

Maratek is an award-winning industry leader in solvent recycling. We strive for the highest safety and quality standards with all our equipment designated as Class 1 Division 1 certified, and UL listed using only North American stainless steel, parts, and labor.

For over 50 years, Maratek has been engineering and manufacturing environmentally-friendly, high quality products that recycle solvents for the printing, coating, automotive, aerospace, food, paint, finishing, fibreglass, kitchen, pharmaceutical, manufacturing, and packaging, industries.

We have many solvent recovery and recycling equipment solutions to help you stay competitive. Maratek can also provide custom engineering solutions to suit your industrial waste recycling needs.

Our Large-Scale Recovery Solutions

- **Engineered-to-Order Systems:** Custom-built for high-volume solvent recovery and recycling.
- **Continuous Systems:** Ideal for large-scale operations requiring continuous processing/distillation columns.
- **Additional Capabilities:** We help you process Solvent, Oil and Water Waste.
- **Engineering Services:** Feasibility studies, sample analysis, and custom design support.

References available upon request with installation in facilities across the US, Canada and globally.
Contact us now for a quote on our solvent recovery solutions.

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