

Solvent Saver - Continuous



MET
c us
Class I Div I Certified



Recover 100 to 10,000
Gallons per Day or More



Recover up to 95%
of Available Solvent



Full Automated
Remote Control



Explosion Proof
Mixer & Scraper

Solvent Saver - Continuous

Completely
Automated
Operation

Recover up
to 95% of
Available
Solvent

304
Stainless
Steel
Construction

Lifetime
Remote
Support

Highest Level
of Safety
C1D1
Certified



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.



Safety Features

Vacuum Assistance

A dry screw vacuum system lowers the temperature required to boil solvent.

Anti Spill Sensors

The clean solvent and waste sludge containers are equipped with sensors to prevent spills.

Nitrocellulose Handling

The system uses Glycol Heating and high vacuum to minimize the temperatures required to prevent combustion of nitrocellulose. As an additional safety feature a water quench is also included.

Purge Box

This allows the PLC to be placed inside the C1D1 area.

C1D1

All Solvent Saver systems are MetLab Certified Class I Division I Explosion Proof.

Intrinsically Safe Tablet

This tablet can be used to control the system within the C1D1 area without a purge box.

Explosion Proof Lighting

This option replaces 1 sight glass and provides a built in explosion proof lighting source.

Additional Features

480V Electrical Connection

All SSC Systems use a 480V 3 phase 50/60 Hz connection. Transformers can be provided if needed.

Allen Bradley PLC System

Allen Bradley Controls for industry leading automation.

Internal Mixer & Scraper

An internal scraper keeps the sides and bottom of the vessel free of sludge build up while a mixer prevents foaming and pushes sludge to the base of the vessel.

Stainless Steel Construction

All product contacting surfaces are 304 Stainless Steel.

Sight Glasses

Two sight glasses are provided.

Spare Parts Kit

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.

90 PSI Air

All SSC systems require a 90 PSI compressed air connection.

Footprint

A variety of vessel volumes and equipment sizes are used based on the needs of your application.

Automation Features

Automatic Filling with Top Up

Automatic filling from a variety of containers. Topping up will automatically add more waste to the vessel during recovery.

Flow Rate Monitoring

Flow rate totalizers can be equipped for monitoring and logging the throughput of the system.

Remote Access PLC

Lifetime remote viewing, control and Maratek support for your PLC is included.

Touch Screen PLC

A touch screen is included for PLC control and programming.

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.

High Pressure Clean in Place

40 PSI cleaning spray with multiple nozzles cleans the inside of the vessel between cycles.

Data Logging

Data Logging: The PLC can be equipped to log a variety of data points for quality control and tracking.

Water Solvent Separator

Automatic water removal after recovery.

Dual Container Filling

Allows the system to fill from two containers and discharge clean solvent to two containers.

Colour Monitoring

The system automatically monitors the clarity of the distillate, if it ever fails this quality check it will be diverted to avoid contamination of the clean solvent tank and an alarm will sound.

Oil Cooling

Cools the thermal heating fluid to quickly cool sludge before discharge.

*Some features may be offered at an additional cost

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, fiberglass, kitchen, pharmaceutical, manufacturing, and packaging, industries.

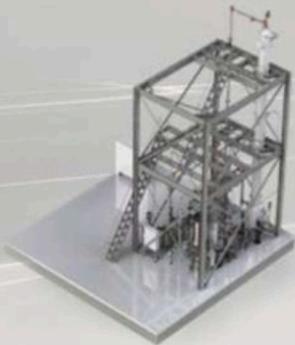
We have many solvent recovery and recycling equipment solutions to help you stay competitive. Maratek can also provide custom engineering solutions to suit your industrial waste recycling needs

The Maratek Family of Solvent Recovery Equipment & Services

Solvent Saver Batch - SSB



Fractional Distillation



Solvent Saver Batch Premium - SSBP



Solvent Saver Printing - SSP



Solvent Saver Continuous - SSC



Engineering Services



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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The Solvent Recovery Experts