

# Solvent Saver - Flexo 500



**10**  
YEARS  
WARRANTY  
ON  
BOILING VESSEL



C1D1 Certified Explosion Proof

Disclaimer: Specifications and visuals are subject to change. Final equipment configuration may vary.



Recover Over 500 gal/day  
of Flexographic Solvent



Recover upto 95%  
of Available Solvent



Fully Automated  
Continous Operation



Explosion Proof  
Mixer & Scraper

## Solvent Saver Features

<b>Color Monitoring</b>	The system automatically monitors distillate clarity; if it fails, it is diverted to avoid contamination, and an alarm sounds.
<b>Flow Rate Monitoring</b>	Flow rate totalizers can be equipped for monitoring and logging system throughput.
<b>Internal Mixer &amp; Scraper</b>	An internal scraper keeps the vessel free of sludge build-up, while a mixer prevents foaming and pushes the sludge to the base.
<b>Stainless Steel Construction</b>	All product contacting surfaces are 304 Stainless Steel.
<b>Automatic Filling with Top Up</b>	Automatic filling from various containers; topping up adds more waste to the vessel during recovery.
<b>Allen Bradley PLC System</b>	Allen Bradley Controls for industry-leading automation.
<b>Remote Access PLC</b>	Lifetime remote viewing, control, and Maratek support for your PLC is included.
<b>Touch Screen PLC</b>	A 15-inch touch screen is included for PLC control and programming.
<b>Automatic Sludge Discharge</b>	After each cycle the system can be configured to automatically open the discharge valve to empty to a waiting drum below the vessel.
<b>High Pressure Clean in Place</b>	40 PSI cleaning spray with multiple nozzles cleans the inside of the vessel between cycles.
<b>Data Logging</b>	The PLC can be equipped to log a variety of data points for quality control and tracking.

## Safety Features

<b>C1D1</b>	All Solvent Saver systems are MetLab Certified Class I Division I Explosion Proof.
<b>Nitrocellulose Handling</b>	A variety of safety features can be added to safely process wastes containing Nitrocellulose.
<b>Vacuum Assistance</b>	Multiple vacuum systems are available depending on your application to lower the heat needed to boil the solvent.
<b>Anti Spill Sensors</b>	The clean solvent and waste sludge containers are equipped with sensors to prevent spills.
<b>Purge Box</b>	Allows the PLC to be placed inside the certified area.

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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