

Solvent Saver - Flexo 500




Class I Div I Certified



Recover 500+ gal per day
of Flexographic Solvent



Recover up to 95%
of Available Solvent



Full Automated
Remote Control



Explosion Proof
Mixer & Scraper

Quality Features

Color 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.

Flow Rate Monitoring

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

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.

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.

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.

Allen Bradley PLC System

Allen Bradley Controls for industry leading automation.

Remote Access PLC

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

Touch Screen PLC

A 15-inch 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.

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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