

2003 CASE STUDY

Solvent Recovery for Commercial Printing Operations

Customer Name: Garlich Printing

Industry Type: Printing

Location: Fenton, MO, USA

Unit Installed: SRS- 100 Solvent Recycling System



The Challenge

Garlich Printing generated a blended waste stream consisting of 50% petroleum naphtha and 50% water from its printing and blanket-wash operations. This mixture required off-site disposal, resulting in high waste hauling costs, lost solvent value, and increased environmental burden.

The company needed a reliable, automated solution capable of separating solvent and water efficiently while reducing operating costs and improving environmental performance.

The Solution

Maratek installed the SRS100 Solvent Recovery System in 2003, engineered specifically to handle mixed waste streams from printing operations.

The system uses vacuum distillation to separate petroleum naphtha from water, producing clean, reusable solvent and treated water in separate containers.

With automated drum processing, stainless steel construction for long-term durability, and minimal operator involvement, the SRS100 provides safe, continuous, and consistent solvent recovery for printing facilities.

The Result

- **Cost Savings:** Garlich Printing significantly reduced solvent purchasing and waste hauling expenses by recovering reusable solvent on-site.
- **Waste Reduction:** The SRS 100 reduced the mixed waste stream volume by separating reusable solvent from water, minimizing hazardous waste disposal needs.
- **Operational Efficiency:** Automated batch operation allowed each drum to be processed with minimal staff interaction, improving workflow and reducing downtime.
- **Environmental Impact:** On-site recycling lowered the company's environmental footprint and supported compliance with waste reduction initiatives.
- **Process Improvement:** The system produced clean solvent suitable for re-blending and treated water ready for reuse or compliant disposal.

Why Maratek?

With over 50 years of experience and 1,500+ systems installed worldwide, Maratek is trusted by the printing industry for reliable, cost-effective solvent recovery solutions.

The SRS100 helped Garlich Printing achieve efficient solvent separation, cost reduction, and improved environmental performance with ease.