

F-Series

maratek
Automate | Optimize | Scale

Fractional Distillation Systems




Class I Div I Certified



300 - 40,000+
Gallons/Day



Reproof solvents
up to 99.9%



Full Automated
Remote Control



Seamless
Integration

Fractional Distillation & Dewatering Systems

Purify NMP,
Alcohols,
Acetone and
Other Solvents

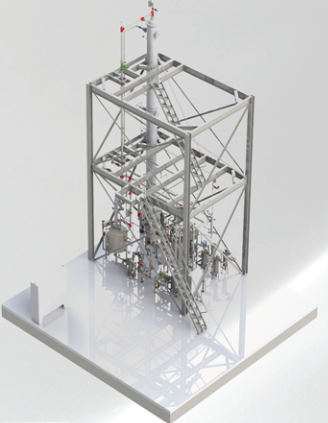
Fractional
Separation
of Solvents
and Water

Easy
Integration
with Other
Equipment

Reduce Solvent
Purchasing
and
Disposal Costs

Cutting Edge Custom Engineered Design

Maratek engineers design systems using industry leading software such as Aspen HYSYS and Solid Works. Our engineers create a custom designed engineering package that includes PFD, P&ID, general arrangement, vessel drawings, and equipment specification sheets.



Key Equipment Features

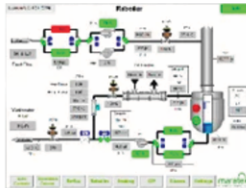
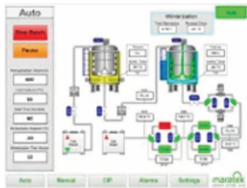
- 300 - 40,000 gallons per day
- Purify and reuse solvents
- Easily integratable with other Maratek systems or existing operations
- Allen Bradley PLC with data logging and programmable recipes
- Secure remote access and control
- 304 & 316 stainless steel
- Can be Class I Div I Group D explosion proof & safety certified
- Continuous automatic operation



World Class Technology, Automation and Service

Lifetime remote service at no extra cost. Minimize downtime.

We can seamlessly resolve problems you may encounter right from our office with our remote access PLC. With your permission, we will be able to access your system controls to assist with diagnostics and troubleshooting to minimize downtime. Your organization will also have the same secure remote operational capabilities.



Production Guarantee

We offer production throughput guarantees based on your stream parameters and stand behind these values with a money back guarantee.



Uptime Guarantee

Our uptime guarantee utilize our secure remote troubleshooting technology and the ability to dispatch a technician within 24 hours if your equipment needs on-site service. A variety of service and spare parts packages are available to suit your specific needs.



Maratek Engineering Solutions

Maratek is not simply an equipment provider, we are a **solutions provider**. After reviewing your application, we will use our years of engineering experience, modern computer modeling & simulation technology, and world-class control systems to provide you with a state-of-the-art automated solution with consistent results. Our manufacturing facility and team of in-house engineers places us at the forefront of design, implementation, integration, and service.

Founded in 1967, our history as a company comes from the solvent processing and recycling industries. We have worked with automotive, pharmaceutical, food, aerospace, paint, printing, cabinetry applications and more. In these 50+ years, we have handled many different applications and developed unique solutions as a result.

- Our products are designed to help automate and optimize your production process
- Closed loop systems and solvent recovery save on production and input costs
- Our experienced engineers build systems designed specifically for your operation
- End-to-end project management support allows for tailored customization
- Maratek's diverse range of experience enables the development of software designed to address unique challenges



Initial
Project



Renders and
Sketches



Cost
Reduction



Integration
with Site



Operational
Facility

Plant Engineering Consulting and Services

- Plant engineering, layouts & design services
- Project management
- Safety consulting
- Building and room design
- Production optimization
- Explosion proof safety
- Compliance verification
- Equipment training & education
- Utility optimization & energy reduction
- Custom equipment engineering
- Automated sample collection
- Research & development agreements and engineering contracts
- Intellectual property agreements & sharing
- Engineered compliance certification
- Data logging and tracking

References available upon request with installation in facilities across the US, Canada, and globally.

Contact us to discuss your application.

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