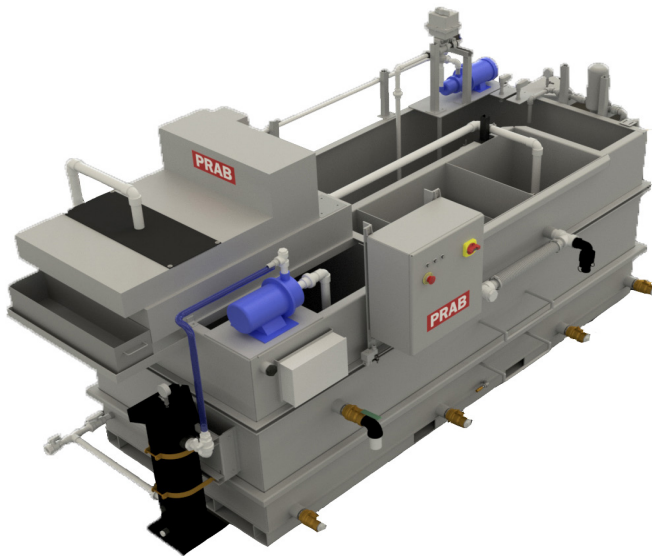


PRAB GUARDIAN™ COOLANT RECYCLING SYSTEM

PROVEN TO REDUCE YOUR COOLANT WASTE UP TO 90%

The Effective Solution to Coolant Management Problems

PRAB's Guardian Coolant Recycling System is a centralized, economical solution to the high costs associated with maintaining water-based coolants and washwater in the metalworking industry. The Guardian system recycles used coolants, reducing waste fluids by up to 90%, and eliminates concerns about wastewater haul-away liabilities. Everything you need for centralized coolant recycling is included with the Guardian. Each turnkey system is designed for easy installation, quick start-up, and simple, efficient operation. PRAB backs every Guardian system with a 100% performance guarantee.



Documented Results Achieved by PRAB Customers:

- Reduced new fluid purchases up to 75%
- Decreased fluid disposal costs by approximately 90%
- Extended tool life by up to 25%
- Reduced machine downtime by an average of 50%
- Improved surface finish by an average of 25%

Guardian Coolant Recycling System

System Features:

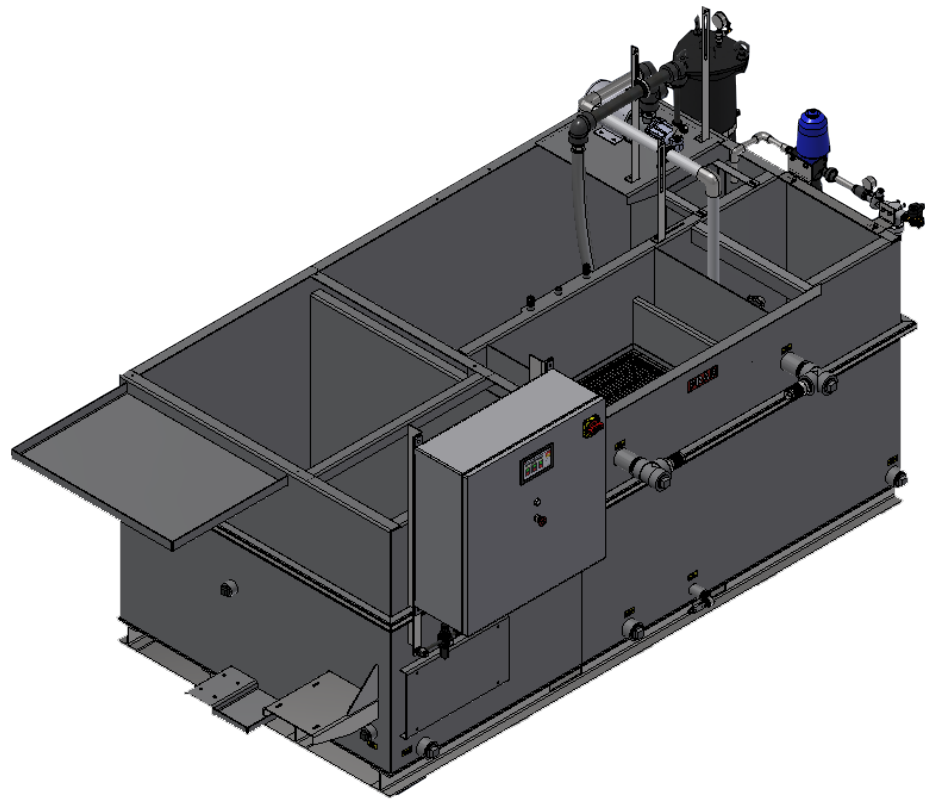
- Processes up to 1,500 gallons of coolant per hour with standard configurations; larger capacity is available upon request
- Removes tramp oils and reduces up to 75% of new fluid purchases
- Reduces hazardous waste disposal costs up to 90%
- Typically generates system payback in 6-9 months
- Minimizes operator involvement and training
- Achieves tighter coolant clarity tolerances with optional polishing filter
- Extends tool life and saves up to 25% in new tool purchases
- Removes free-floating oils to 0.1% or less
- Prevents rancidity with continuous overflow
- Purges coalescing media or solids and sludge with automatic air sparger

Backed by the **PRAB Difference**

PRAB GUARDIAN™ COOLANT RECYCLING SYSTEM

EXTENDS TOOL LIFE BY UP TO 25%

Configuration Packages



Base Package

- An inlet basket strainer
- Dirty and clean coolant tanks
- A Tramp Oil Separator with a coalescing media pack
- A floating skimmer assembly
- Steel oil weirs, manifolded together on exterior of the tank
- An automatic air sparging system
- A coolant make-up system
- Control Panel
 - Allen Bradley components
 - HMI
- Voltage: 460/3/60
 - Other voltage options available: contact factory for pricing and lead time

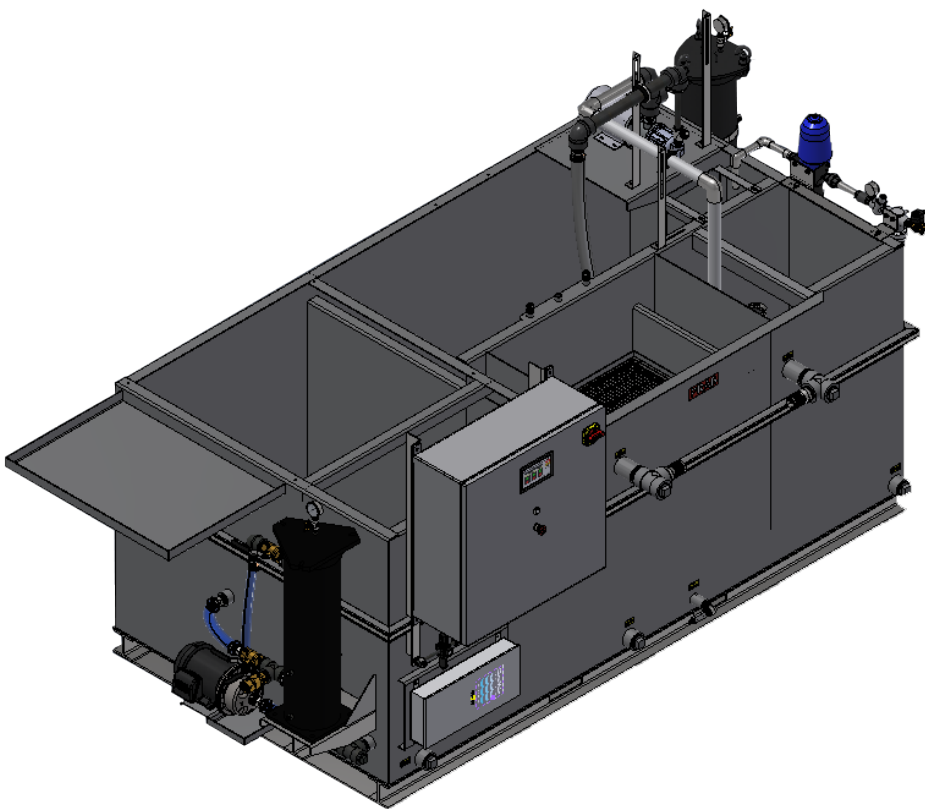
Backed by the **PRAB Difference**



PRAB GUARDIAN™ COOLANT RECYCLING SYSTEM

EXTENDS TOOL LIFE BY UP TO 25%

Configuration Packages Cont.



Standard Package

- An inlet basket strainer
- Dirty and clean coolant tanks
- A Tramp Oil Separator with a coalescing media pack
- A floating skimmer assembly
- Steel oil weirs, manifolded together on exterior of the tank
- An automatic air sparging system
- A coolant make-up system
- Control Panel
 - Allen Bradley components
 - HMI
- Voltage: 460/3/60
 - Other voltage options available: contact factory for pricing and lead time

Additional features included in the Standard Configuration:

- Coolant Manager: Ozone Generator
- Polishing Filter Assembly: typically 20-micron rated filter

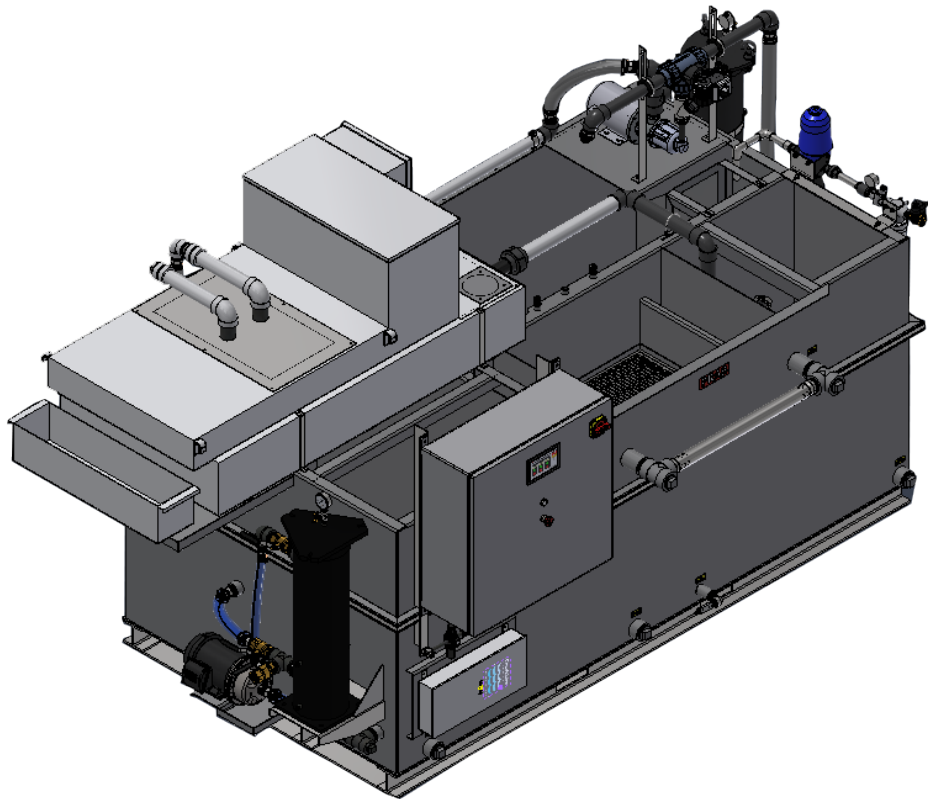
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PRAB GUARDIAN™ COOLANT RECYCLING SYSTEM

EXTENDS TOOL LIFE BY UP TO 25%

Configuration Packages Cont.



Deluxe Package

- An inlet basket strainer
- Dirty and clean coolant tanks
- A Tramp Oil Separator with a coalescing media pack
- A floating skimmer assembly
- Steel oil weirs, manifolded together on exterior of the tank
- An automatic air sparging system
- A coolant make-up system
- Control Panel
 - Allen Bradley components
 - HMI
- Voltage: 460/3/60
 - Other voltage options available: contact factory for pricing and lead time

Additional features included in the Deluxe Configuration:

- Coolant Manager: Ozone Generator
- Polishing Filter Assembly: typically 20-micron rated filter
- Dirty Coolant Transfer System
- Paper Bed Filter: with 10-micron rated filter media
 - Note: Inlet Basket Strainer has been removed in lieu of the paper bed filter

Backed by the **PRAB Difference**



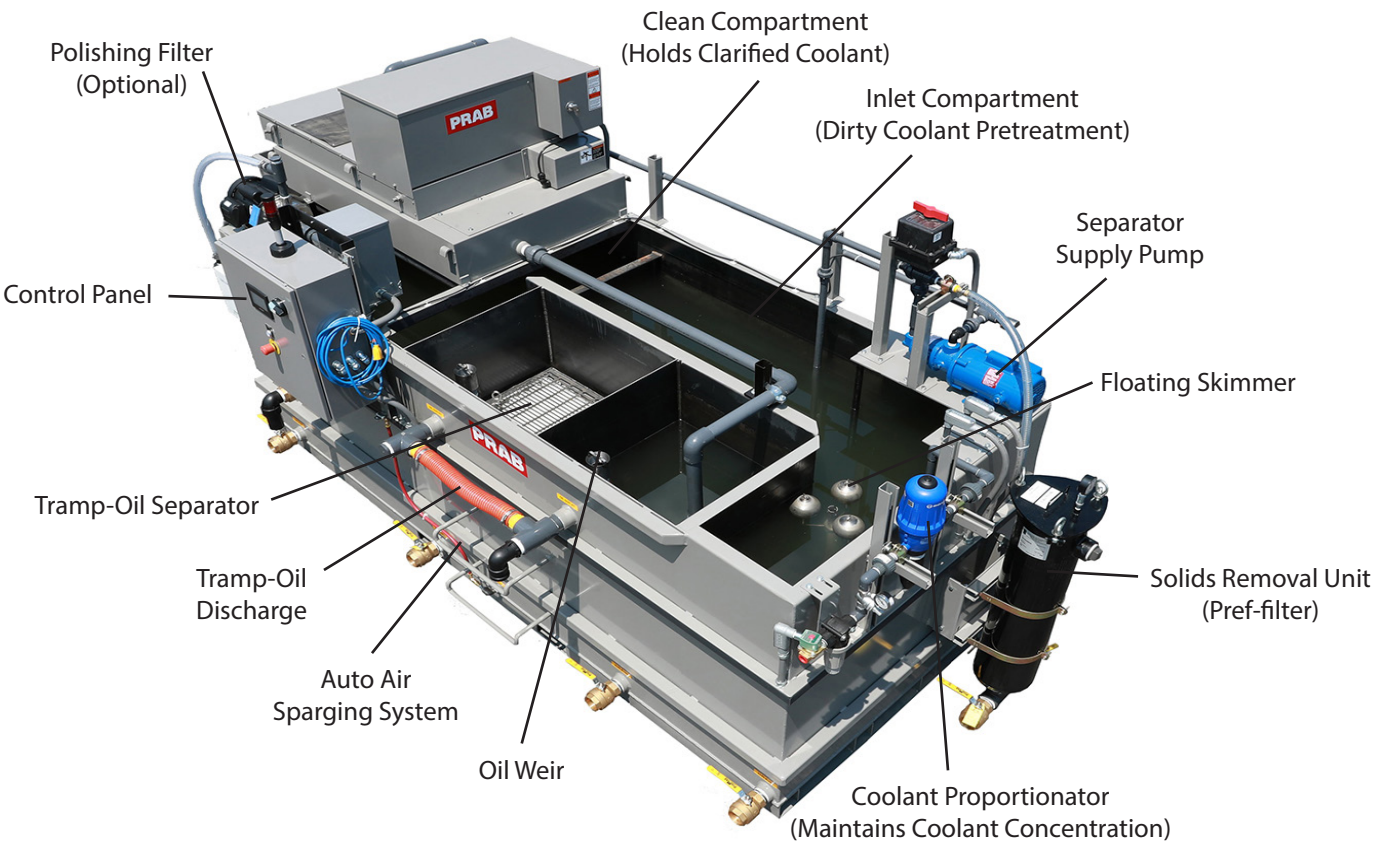
PRAB GUARDIAN™ COOLANT RECYCLING SYSTEM

REDUCES NEW COOLANT PURCHASES UP TO 75%

Easy to Operate & Maintain

The PRAB Guardian Coolant Recycling System features automated technology for optimal performance and reliability. An integrated automatic air sparger continuously maintains cleanliness of the coalescing media, ensuring efficient coolant purification. A precision-engineered high-level tramp-oil switch automatically halts operation when the tramp-oil container reaches capacity, effectively eliminating any risk of overflow or spillage.

Model	Processing Rate Gallons Per Minute	Dirty/Clean Tank Capacity (Gallons)	Overall Length	Overall Width	Overall Height
HG400	10	200/200	89"	73"	72.5"
HG600	10	300/300	126"	74.5"	76.6"
HG800	15	400/400	154"	76.5"	78.8"
HG1200	15	600/600	168.6"	77.5"	86.1"
HG1600	25	800/800	179.8"	90.3"	94"
HG2000	25	1000/1000	174"	91.3"	101"
HG4000	25	2000/2000	250"	91"	148"



Contact us to **request a quote** today

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