

# PRAB OIL RECYCLING SYSTEM

## PROVEN TO REDUCE NEW OIL PURCHASES BY 75%

### Extend the Life of Your Oil with the PRAB Oil Recycling System

PRAB's Oil Recycling System (ORS) is a centralized, economical solution to the high costs associated with maintaining petroleum and synthetic-based oils in the metalworking industry. The ORS recycles your oils by removing the suspended particles and moisture that shorten the useful life of oil-based fluids, reducing new oil purchases by up to 75%. The system sets you up with everything you need to implement a state-of-the-art fluid management program. Each system is designed for easy installation, quick start-up, and simple, efficient operation.



- Decrease disposal costs by 90%
- Reduce machine downtime by an average of 50%
- Extend tool life by up to 25%

### Benefits of Oil-Based Coolant Treatment with the PRAB ORS:

- Up to 75% reduced purchases of new oil
- Decrease disposal costs by 90%
- Elimination of odors and harmful bacteria from rancid oil
- Decreased employee health issues caused by contaminated coolant
- Improved surface finish by an average of 25%
- Reduction of manual labor to replace oil
- Safe, effective and simple to operate

### Applications Include:

- Petroleum and synthetic oil-based fluids used in machining or grinding applications as well as recycling lube and hydraulic oils
- Filtration of ferrous and non-ferrous materials

Backed by the **PRAB Difference**

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### How the ORS Works:

The PRAB ORS is a “central” type system that removes suspended particles and moisture that shorten the useful life of your oil and directs them to a central collection point. The clean oil overflows from the clean tank back to the dirty tank to allow for multiple passes to polish the oil.

The system can include the following equipment based on the application and required filtration level. Rare Earth Magnetic Separator to remove ferrous particulate down to 10 micron. Manual or Automatic Solid Bowl Centrifuges to remove ferrous and non-ferrous particulate down to 5 to 10 micron. High Speed Stacked Disc Centrifuges to remove particulate down to 1 micron and moisture. Polishing Filters to remove particulate down to 1 to 25 micron and moisture from the oil.

To minimize both machine downtime and the manual labor required to maintain oils, the ORS is fully automated and runs 24/7. This allows for multiple passes through the filtration system to keep the oil consistently clean and moisture-free.

### Models:

Model	Clean/Dirty Tank Capacity (Gallons)	Flow Rate Manual Centrifuge	Flow Rate Automatic Centrifuge	Power Requirement
ORS-400	200/200	10 GPM	15 GPM	460/3/60 15-amp service
ORS-600	300/300	15 GPM	15 GPM	460/3/60 15-amp service
ORS-800	400/400	15 GPM	15 GPM	460/3/60 15-amp service
ORS-1200	600/600	15 GPM	20 GPM	460/3/60 15-amp service
ORS-1400	700/700	15 GPM	20 GPM	460/3/60 15-amp service
ORS-1600	800/800	15 GPM	30 GPM	460/3/60 15-amp service
ORS-2000	1000/1000	15 GPM	30 GPM	460/3/60 15-amp service
ORS-4000	2000/2000	15 GPM	30 GPM	460/3/60 15-amp service



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

Contact us to **request a quote** today

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