



## COOPERMATICS OIL RECOVERY PRESS (ORP)

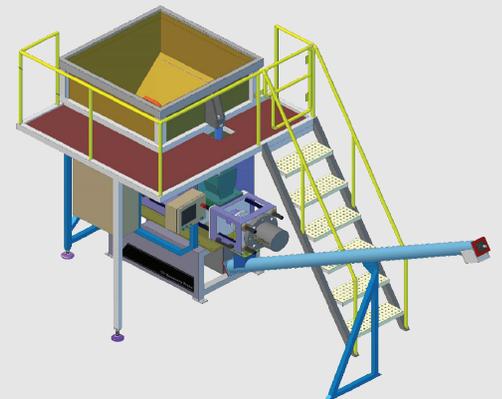
The oil recovery press is designed to increase swarf value by minimizing the loss of cutting oil and thereby reducing adverse impact on the environment. Typically, grinding waste contains 25-30% cutting oil. Our press is designed to extract maximum amount of cutting oil, saving it from being wasted and leaving behind an oil-free pressed swarf. Pressed swarf/waste is suitable for efficient recycling and have a higher product value. Some of the common metals recovered are HSS, Tungsten and other precious metals.

Our oil recovery press has a large hopper that can hold approximately 970 L/256 gallons. It has a minimal running cost and a short payback time which helps in saving remarkably on new oil costs.



### Benefits of ORP

- ♻️ Cost reduction through oil recovery
- ♻️ Increased swarf value due to reduction in oil content
- ♻️ Minimize loss of cutting oil
- ♻️ Environmental recycling credit
- ♻️ Economical operation
- ♻️ Short payback period



# Applications

**Machine tool coolants (oil based)**

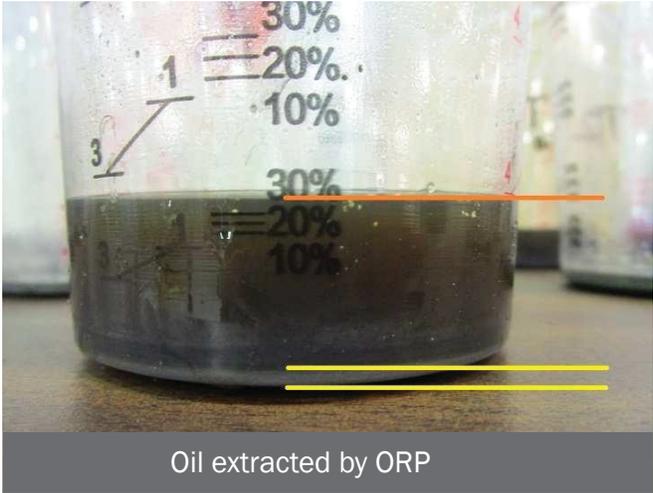
Grinding, honing, rolling,  
Electrical Discharge Machining (EDM)  
Electro-Chemical Machining (ECM) oil, etc

**Miscellaneous oil applications**

Lubricating oil, hydraulic oil,  
Transformer oil, etc



Dry swarf from ORP



Oil extracted by ORP

## Fact Sheet of ORP

(Actual data from manufacturing facility)

Details		
Rate of Processing	10 gal/hr	38 lit/hr
Swarf Processed by ORP	2000 lbs	900 kg
Oil Recovery (%) *	40 gallons	150 litres

\* Test results from HSS grinding swarf.

## Utility Requirements

- Pneumatic : 80 to 100 psi, 6 scfm (plant air)
- Electrical : 380 to 460V, 50 or 60Hz, 3Ph, 25amps  
(we can match the site requirement)

After-Sales Service |  Short Delivery Time |  Customer Care Support

**Services**

Coopermatics offers oil recovery servicing to customers: Just ship us the filter swarfs from the filters. We will process at our facility and return oil to you. Contact us for more details.

**Coopermatics Filtration Systems Inc.**

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