



Sludge Drying Unit

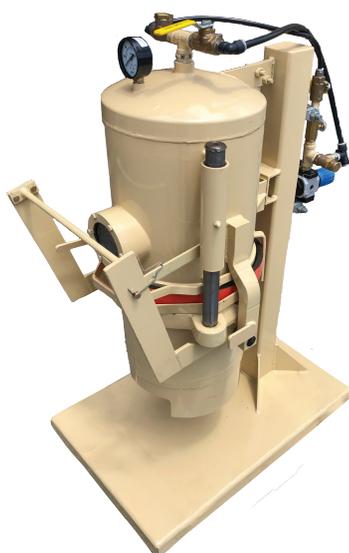
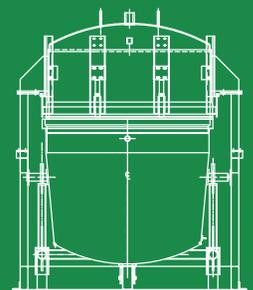
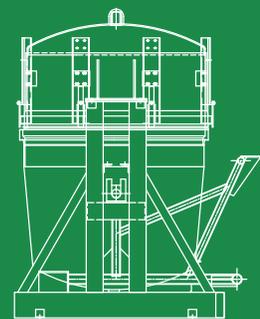
Coopermatics filtration systems proudly announces its complementing product, the Sludge Drying Unit (SDU) to the industry for improved sludge handling. This unit is a standard part of all Coopermatics filters, SDUs can be integrated with any other types of filter systems in your facility. Our SDUs can recover more oil and produce a drier cake (from sludge) than any other competing products in the market.

Our portable SDU systems are capable of holding between 6 US gallons (22 Litres) to 200 US gallons (757 Litres) of sludge in its pot (removable from system). SDUs can separate oil out from the slurry from any existing filter type. The unit is capable of drying the sludge for oil recovery without the need for additional sludge pumps. The recovered oil is piped back to the dirty oil tank while the dried sludge, collected inside the pot can be emptied for the next cycle.



Benefits of SDU

- ❻ Cost saving through recovered oil
- ❻ Reduction in oil content with disposed sludge (waste)
- ❻ Operates on plant pneumatics air supply
- ❻ Portable sizes from 12 to 42 inches diameter units
- ❻ Unit can be installed anywhere close to existing oil tank
- ❻ Dry cake will have less than 28% oil by weight
- ❻ Economical and environment-friendly



SDU-6



SDU-200

SDU standard models

#	SDU Models	Sludge processing capacity	
		Gallons	Litres
1	SDU-6 (12")	6	22.7
2	SDU-20 (16")	20	75.7
3	SDU-54 (24")	54	204.4
4	SDU-90 (30")	90	340.7
5	SDU-135 (36")	135	511
6	SDU-150 (42")	150	567.8
7	SDU-200 (42")	200	757



EDM sludge before processing through SDU

Fact Sheet of SDU

(Actual data from manufacturing facility)

Details	Gallons	Litres
Sludge processed by SDU	6	22.7
Oil recovered in drying	2.5	9.5
Oil Recovery (%) *	42	
Batch process time (hours) **	24	

* Test results from EDM sludge

** Time varies with type of sludge



EDM sludge processed by SDU

Utility Requirements

Pneumatic : 20 to 40 psi, 6 scfm (plant air)

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

After-Sales Service



Short Delivery Time



Customer Care Support

Coopermatics Filtration Systems Inc.

600 Held Drive,
Northampton,
PA, 18067.
Tel: +1 610 262 7700

Website: www.coopermatics.com ; Email: sales@coopermatics.com