

## DT Series Oil & Water Separator – Dynamic Separation Technology

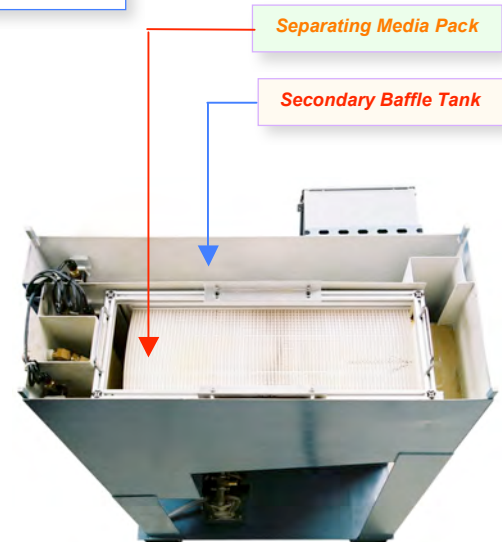
**DT Series** is capable of separating **80% of free water** from oil with Dynamic Separation Technology. Oil & water mixture is moving through special coalescing media pack. **Ultrasonic Vibrator** also enhances separation during the oil flow. After separation oil is flows into a **secondary baffle tank** while free water is gravity separated and collects at the bottom of separating tank.

**WS1 dual water sensors** use ultrasonic technology to detect free water interface and automatically drain free water through solenoid valve from separating tank on a continuous basis.

**DT-100** contains special design polypropylene media pack having over **250 square foot of surface area** for excellent water separation.

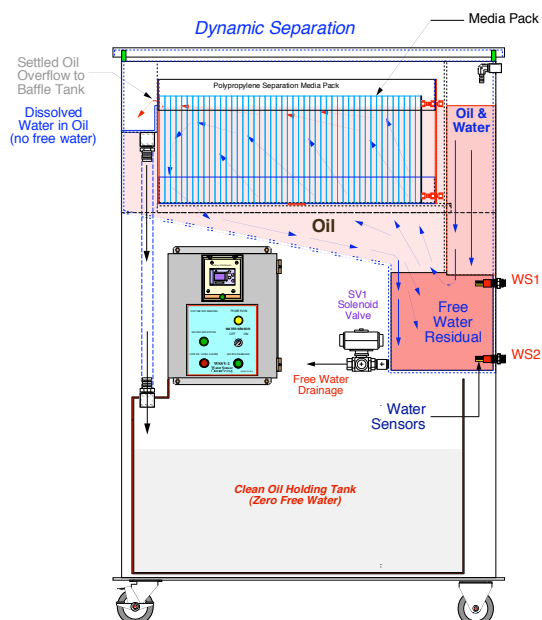
Features / Model	DT-50	DT-100	DT-400
Free Water Separation	100% to 1%	100% to 1%	100% to 1%
Separating Media Pack	Polypropylene	Polypropylene	Polypropylene
Surface Area for Water Separation	250 sq. feet	250 sq. feet	1,000 sq. feet
Water Draining Capacity	20 gallons /hour	20 gallons /hour	80 gallons /hour
Water Separating Tank Size	25 gallons	25 gallons	100 gallons /hour
Secondary Baffle Tank Size	N/A	50 gallons	100 gallons /hour
Biological Filtration Control	Reduce Micro Organism	Reduce Micro Organism	Reduce Micro Organism
Air Diaphragm Pump Capacity	3 GPM	3 GPM	12 GPM
Ultrasonic Vibrating Separation	0.10 HP Motor	0.10 HP Motor	0.10 HP Motor
Ultrasonic Water Sensor Detection	WS1 Dual Sensors	WS1 Dual Sensors	WS1 Dual Sensors
Water Drainage Valve with Safety Lock	Solenoid Actuator	Solenoid Actuator	Solenoid Actuator
Compressed Air Requirement	75 psi, @10 CFM	75 psi, @10 CFM	75 psi, @12 CFM
Programmable Digital Controller EEPROM Memory Storage Operating Interface Display Circuit Protection Type	N/A N/A N/A N/A	Digital Controller 4K EEPROM 1.50" LCD Display Circuit Breaker	Digital Controller 4K EEPROM 1.50" LCD Display Circuit Breaker
Electric Enclosure Size (NEMA 4)	N/A	10"W x 10" x 6"D	12"W x 12" x 6"D
Electric Power Voltage (50/60 hz)	N/A	110VAC-1ph 220V-1ph	110VAC-1ph 220V-1ph
Dry Weight in Pounds	N/A	3 GPM	12 GPM
Dimension in inches	12.5"W x 34"L x 35"H	28"W x 34"L x 62"H	32"W x 68"L x 64"H
Portability	N/A	Skid Mount & Portable	Skid Mount & Portable

**DT-50** is only available as an added on feature to other oil recycling machine. It is not a stand alone unit.



Biological filtration in media pack creates the balance of micro organism in the settled waste water.

**DT-100 Oil & Water Separator**



Water sensor works like an ultra-sound device to detect free water.

**WS1 Sensor Port for Free Water Detection**

**Solenoid Valve for Water Drainage**



Specifications are subject to change without notice.

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The Machine • Reliability Company

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