



Separation of Solids & Water & Oil

Easy Solids Disposal AND Reuse of Water

- Agricultural Waste Water & Muds
- Mining Waste Water
- Industrial Truck Wash Stations
 - Removes Oil in the same pass
- Dewatering Slurry Ponds

Standard Flow Rate 150 gpm

Higher Flows use Multiple Units



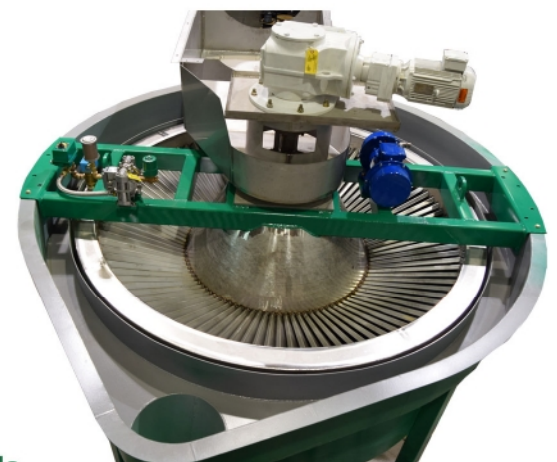
**NO POLYMERS NEEDED
MINIMAL MOVING PARTS
VERY LOW MAINTENANCE**

Includes:

- Patent Pending BOSS Plate pack
- Center Auger system
- Vibrator to aid in solids removal
- Knife Valve to control solids removal
- Control System

Optional

- Drum Screen for large solids
- Solids Pump
- Oil Removal Optional



SOLID BOSS 96SBS



**RECOVERED
ENERGY, INC.**

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SOLID BOSS 96SBS

Specifications

Specifications	Value	Comments
Expected Solids Removal	99+% down to 25 micron particle size Some % down to as small as 1 micron particle size	Much finer particle size than clarifiers, skimmers or hydrocyclonesystems
Solid Concentration	Can handle up to 35% solids for short periods	No other solids removal system can handle such high concentrations of solids
Oil Removal (Option OR)	< 75 micron particle size	Removes heavy oils and some emulsified solids Enhances coalescing of free and emulsified oil
Solids Discharge Requirements	As needed	Drops onto a conveyor or it can be pumped
Blowdown Discharge Pressure	None, drops onto a conveyor	If pumped the discharge pressure can be whatever is required
Control System Interface	Extra dry contacts	Easy to interface with main control system
Pressure Rating	Atmospheric	Cannot handle any range of pressure or vacuum
Operating Temp Range (process water)	5-40 C	Generally not affected by temperature
Single Phase Power Options	110 - 220vac	
Three Phase Power Options	210 - 575vac	
Frequency	50 or 60 Hz	
Area Classification	NEMA 4X standard	Class I Div I or Class I Div II optional
Oil Content Monitor (if required)	GreenMon	Monitor is not supplied unless requested
Control Valves	Air operated spring return / solenoid	ASR for process control valves / Solenoid for pump control
Solids Level Sensor	Spectroscopy	Other types of level control optional
Oil Level Control (Part of Option OR)	Conductance	Guided wave optional
Blowdown Pump	Air diaphragm	Progressive Cavity Optional
Inlet Process Pump (Option PP)	Optional as needed - > 10 psig inlet pressure needed	
Oil Pump (Part of Option OR)	Air diaphragm	With accu-flow control
Vessel Metallurgy	Carbon steel	API design
Internal Protection	Epoxy coating	Plural coating optional
External Protection	Epoxy / urethane	Plural coating optional
Skid	Not skid mounted	Option UF is skid mounted
Piping and Manual Valves	Welded CS	

CONTACT:

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