

# PURE FILTRATION SYSTEMS



## HYDRO-80

- ◆ 80 GPM Cyclone Filtration System @ 75 PSI
- ◆ Conical Tank, Flume Screen, Pit Pump, Wizard Coagulant System & Sludge Hopper

## SWF-80/25

- ◆ 80 GPM Cyclone Filtration System @ 75 PSI
- ◆ Conical Tank, Flume Screen, Pit Pump, Wizard Coagulant System & Sludge Hopper
- ◆ 3" Separator, Pit Sweeper, Settling Weir, & Ozone Generator
- ◆ (1) Quad Hurricane Filter- 25 GPM (CRYSTAL CLEAR 0.75-micron)

## SWF3-120/50

- ◆ 120 GPM Cyclone Filtration System @ 75 PSI
- ◆ Conical Tank, Flume Screen, Pit Pump, Wizard Coagulant System & Sludge Hopper
- ◆ 3" Separator, Pit Sweeper, Settling Weir, & Ozone Generator
- ◆ (2) Quad Hurricane Filter- 50 GPM (CRYSTAL CLEAR 0.75-micron)
- ◆ Automatic Tank Purge Assembly with additional Sludge Hopper

## SWF4-240/100

- ◆ 240 GPM Cyclone Filtration System @ 75 PSI
- ◆ Conical Tank, Flume Screen, Pit Pump, Wizard Coagulant System & Sludge Hopper
- ◆ 4" Separator, Pit Sweeper, Settling Weir, & Ozone Generator
- ◆ (4) Quad Hurricane Filter- 100 GPM (CRYSTAL CLEAR 0.75-micron)
- ◆ Automatic Tank Purge Assembly with additional Sludge Hopper

# A SOLUTION FOR EVERY FABRICATOR



## ✓ Cyclone Filtration System

Water from pit enters centrifugal separator where solids are filtered to 40 micron. Water is sent to Hydrocyclones and pit sweeper.



## ✓ Hydro Cyclones

Filter water further to 10-micron, sending solids to hopper and clean water to Holding Tank.



## ✓ Sludge Hopper

Collects Sludge created from Separator and Hydrocyclones. Removable Cubic yard liner allows for easy removal of solid waste.



## ✓ Settling Weir

Captures overflow from Sludge Hopper, specially designed bag allows fine particles to settle. Removable liner allows for easy removal of solid waste.



## ✓ Conical/Clarifier Holding Tank

Conical holding tank holds the grey water until needed by process.



## ✓ Hurricane Polishing System

Removes FINE particles to deliver CRYSTAL CLEAR, 0.75-Micron water on demand for use with CNC Routers, Hand Polishers, and Edge machines.

HYDRO-80		SWF 3-80/25		SWF 3-120/50		SWF 4-240/100	
	Gray Clear		Gray Clear		Gray Clear		Gray Clear
Saw	10	Saw	10	Saw	10	Saw	10
Saw Jet	12	Saw Jet	12	Saw Jet	10	Saw Jet	12
Line Polisher	25	Miter Saw	10	Miter Saw	12	Saw Jet	12
Hand Polisher	10	CNC Router	- 25 (Quad)	CNC Router	- 25 (Quad)	Miter Saw	10
Wash down	10	Hand Polish	10	Line Polisher	25	CNC Router	- 25 (Quad)
		Wash down	10	Hand Polish	- 15 (Quad)	CNC Router	- 25 (Quad)
				Wash down	- 10 (Quad)	CNC Router	- 25 (Quad)
				Filter Cleaning	8	Line Polisher	25
						Line Polisher	25
						Hand Polish	15
						Washdown	20
						Filter Cleaning	8
TOTAL GPM	67	TOTAL GPM	77	TOTAL GPM	115	TOTAL GPM	237