



**MINI MUDHEN**

The MHMini is a truly portable concrete slurry water system. Weighing about 457lbs, the unit is designed with pneumatic wheels installed in a two-wheeler fashion. The concrete slurry system can go just about wherever it is needed. Through unimproved jobsites you can take it right where you need it. Hook the system up to a portable air compressor and process water as fast as you make it – giving you nice compacted slabs of waste and clean water for reuse or disposal. Concrete water recycling was never so easy!

The Mudhen series of portable concrete slurry water systems has been designed for processing any concrete slurry. In one step, the Mudhen filters, provides clean water to drain or for re-use, and compacts concrete sludge construction waste.

- Provides a simple-to-use-method for dealing with the slurry produced from wet processing of concrete
- Eliminates the hassles and costs associated with storing, hauling, and treating concrete slurry
- Allows for inexpensive compliance with local, state, and federal clean water laws and ordinances
- For Eco-minded clients, it affords a marketing advantage over your competition

The Mudhen processes from 3 to 75 litres per minute of concrete slurry water; then stores up to 3.5 cubic feet of concrete sludge cake before the 10 minute cleaning cycle is required.

The Mudhen can out-pace most teams of concrete professionals who saw and grind with conventional industrial equipment.



Technical Data	
Dimensions (L x W x H)	1200 X 600 X 1200 mm
Weight	150 Kg
Peak Processing Speed	480 L/hr
Air Requirements	5 scfm
Filtration Capacity	0.1 cm
Air blow Down Feature	yes
Suction Line Dimension	25.4 mm
Hydraulic Jack	8 tonnes
Ingersoll Rand Pneumatic Pump	25.4 mm
Screens	5



**MUDHEN 1**

The MudHen 1 is the most effective portable slurry water recycling system made. It can fit in an elevator, through a standard 36" door, and on a tommy gate lift. Over 750 litres per hour of slurry water can be treated – cleaning takes less than 3 minutes. Filter slabs are easily disposed of.

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The MudHen 1 produces between 15 & 22 litres per minute of clarified water. The MudHen 1 holds 1 cubic foot of solids before the 10 minute cleaning cycle is required.

The Mudhen can out pace most teams of concrete professionals who saw and grind with conventional industrial equipment.



Technical Data	
Dimensions (L x W x H)	1200 x 700 x 1200 mm
Weight	220 Kg
Peak Processing Speed	1440 L/hr
Air Requirements	8 scfm
Filtration Capacity	0.3 cm
Air blow Down Feature	yes
Suction Line Dimension	25.4 mm
Hydraulic Jack	20 tonnes
Ingersoll Rand Pneumatic Pump	25.4 mm
Screens	7



**MUDHEN 2**

The 2 has twice the capacity of the Mudhen 1 between cleanings and allows for more clean water production. The system can be designed with the portable sludge slab cart – or you can use a wheel barrel or other container for removing the sludge slabs.

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The MudHen 2 produces between 30 & 45 litres per minute of clarified water. The MudHen 2 holds 2 cubic foot of solids before the 10 minute cleaning cycle is required.

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Technical Data	
Dimensions (L x W x H)	1625 x 700 x 1200 mm
Weight	280 kg
Peak Processing Speed	2880 l/hr
Air Requirements	15 scfm
Filtration Capacity	0.6 cm
Air blow Down Feature	yes
Suction Line Dimension	25.4 mm
Hydraulic Jack	20 tonnes
Ingersoll Rand Pneumatic Pump	25.4 mm
Screens	13

**MUDHEN MAX**

The Max is the concrete slurry water recycling king! Perfect for large job sites requiring a high volume of slurry to be processed efficiently and effectively. Concrete slurry water recycling has never been easier.

The Mudhen series of portable concrete slurry water systems has been designed for processing any concrete slurry. In one step, the Mudhen filters, provides clean water to drain or for re-use, and compacts concrete sludge construction waste.

- Provides a simple-to-use-method for dealing with the slurry produced from wet processing of concrete
- Eliminates the hassles and costs associated with storing, hauling, and treating concrete slurry
- Allows for inexpensive compliance with local, state, and federal clean water laws and ordinances
- For eco-minded clients, it affords a marketing advantage over your competition

The MudHen Max produces between 52 & 75 litres per minute of clarified water. The MudHen Max holds 3.5 cubic foot of solids before the 10 minute cleaning cycle is required.

The Mudhen can out pace most teams of concrete professionals who saw and grind with conventional industrial equipment.



Technical Data	
Dimensions (L x W x H)	1200 x 700 x 1200 mm
Weight	220 kg
Peak Processing Speed	1440 l/hr
Air Requirements	8 scfm
Filtration Capacity	0.3 cm
Air blow Down Feature	yes
Suction Line Dimension	25.4 mm
Hydraulic Jack	20 tonnes
Ingersoll Rand Pneumatic Pump	25.4 mm
Screens	23



## Slurry Filter Presses

### AUTOMATIC PH BALANCER

Pristine pH Balancers provide a simple method for reliably maintaining a set pH range in your closed loop water system or for adjusting pH prior to discharge. The systems are skid mounted and can be customized to meet your specific needs.

Systems are available with many options including multiple chemical feed points, warning lights, low chemical warnings and indicators, flow meters, and volume meters.

Chemical containment tanks are available to capture any potential spill from your 55 gallon drums or totes and to ensure all OSHA compliance.

User programmable pH ranges are easy to adjust on the fly. Each system comes with a kit of known quality buffer solutions to accurately calibrate the probe over time as needed.



### HUDROTEC SLURRY FILTER PRESS

Environmental protection in the construction sector is becoming increasingly important. Clients demand from service providers ecological answers regarding the disposal of sludge that results from concrete drilling and sawing. Added to this is the conservation of resources through reusability of the filtered cooling water. The chamber filter press meets the high requirements in a special way.

#### Advantages

- Easy handling of the function
- Clean working in a sensitive environment
- High flexibility due to compact design and low weight
- Robust chassis with pneumatic tires (suitable for construction sites)
- Dry sludge cake can be disposed of via building materials recycling



#### Technical Data

Chamber Number	4 (Optional 5)
Chamber Volume	4.7 Kg (with 5 chambers 5.9L)
Air Pressure	6-7 bar
Recycling Capacity	up to 600 L/H
Press	47 Kg (without chambers)
Carriage	19 Kg
Weight	92 Kg (complete)
Dimensions	822 x 682 x 1155 mm (without handle)