

# Self-Cleaning Shallow Water Screen

Anyone who depends on river or canal water for irrigation will be interested in this new water-driven, self-cleaning screen that's designed to work in water as shallow as 4 in.

"There's nothing else on the market that can pump out of such shallow water and also clean itself at the same time," says inventor Bob Wietharn.

The Riverscreen floats on four pontoons and draws water from more than 35 sq. ft. of screening area. Water is delivered through a pipe available in 4, 6, 8, 10, or 12-in. dia. with 150 gpm to 4,000 gpm capacity. A screened, rotating drum measuring 32 by 48 in. is supported by an aluminum frame that mounts on the pontoons. Flowing water moves past a series of paddles, which force the drum to rotate and self-clean via a stainless steel mesh screen. As the screen rotates with the drum

it goes by a series of jets, which dislodge anything that sticks to the screen.

An optional electric power drive can be added for use in slow-moving water, tailwater return pits, and manure lagoons. Also optional is a galvanized lift boom that lets one person quickly swing out and gently lower the Riverscreen to the water surface.

"It draws water that's only 2 in. below the surface, which is usually the cleanest water," says Wietharn. "It draws water from seven times the area of the suction line. You can draw from shallower water if you're pulling it from a bigger area, because the the water



**Water-driven, self-cleaning screen is designed to work in water as shallow as 4 in.**

moves more slowly."

Contact: FARM SHOW Followup, Riverscreen, Inc., 1925 Kiowa Road, Clay Center, Kansas 67432 (ph 785 632-5452; email: Riverscreen@kansas.net; website: www.riverscreen.com).

**Reader Inquiry No. 92**

## Where To Buy All Things Hydraulic

If Georgetown Hydraulics doesn't have the hydraulic equipment or component you need, they can probably make it. Their specialty is hydraulic power including everything from pumps and motors to pipes, fittings, clamps, couplers, adapters and valves. They even carry hydraulic-powered fans, chop saws, table saws and even ice cream makers.

Their portable hydraulic power units are used anyplace there's a need for hydraulics and they custom build large power units to customer specifications. Put a 20 hp air compressor on a unit or an electrical generator and from 1 to 16 hydraulic pumps with outputs of 1 to 100 gallons per minute. The largest unit they have built so far was 700 hp.

Georgetown offers six different diesel engine brands to choose from on the large, customized skid units. Power can also be provided by gas engines or electric motors.

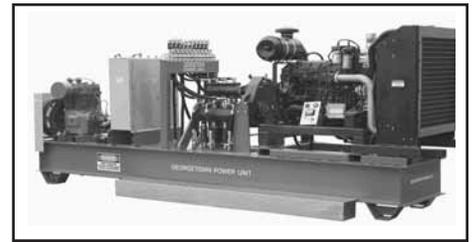
Smaller portable hydraulic units are also available. Self-contained, 12-volt systems start at 1.8 gpm and 3,000 psi. Prices range from \$380 to \$490, depending on single or double acting, manual or remote controls. Wheeled units range in price from \$800 to \$2,500. Engines vary from four to 24 hp with hydraulic output that starts at 6 gpm and 1,500 psi and goes to 12 gpm and 3,000 psi.

Contact: FARM SHOW Followup, Georgetown Hydraulics, 343 Christiana Pike, Christiana, Penn. 17509 (ph 610 593-2753).

**Reader Inquiry No.93**



**Self-contained, 12-volt systems are also available, such as this 1.8 gpm system.**



**Skid-mounted hydraulic pump and air compressor is one of many specialty products offered by Georgetown Hydraulics.**



**Portable wheeled hydraulic pump can be used anywhere.**

## String Trimmer "Caddy"

If your back and wrists hurt after running a gas-powered string trimmer, you'll like this new two-wheeled cart that makes the job a lot easier.

The Kwik Whip Cart is designed to accept most existing gas or electric-operated string trimmers. It rides on a pair of large cushioned wheels and has an L-shaped metal tube that the trimmer clamps onto at two different points. The clamp points have anti-vibration pads and adjust easily to different-size trimmers. It lets you trim under trees and other hard-to-reach

places with less bending and stretching.

MSRP: \$99.95  
One time special price: \$49.95 including S & H, Canadian residents S & H \$35.00. (No credit cards, please)

Contact: FARM SHOW Followup, For further information please e-mail: lukeo@tds.net. Lake Region Bank will be the distributor, New London, Minn. 56273.

**Reader Inquiry No.94**

**Caddy carries trimmer on a pair of cushioned wheels.**

