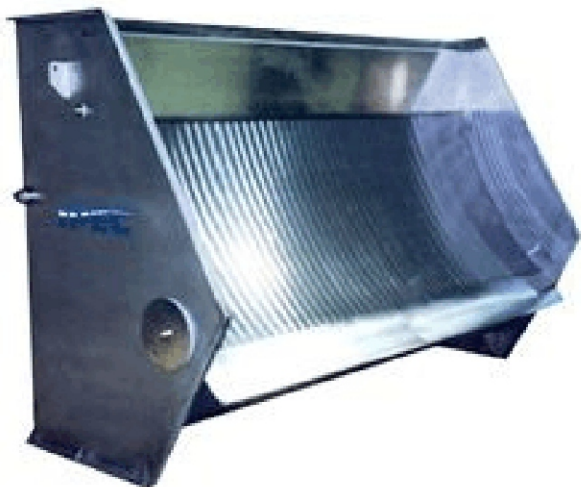


Built to LAST!
Industrial Equipment
Only Sales, Parts & Service Center from Sac. CA to Oregon!
 WATER CLEANING SYSTEMS
Since 1987

	Parts Washers	830 Cherry Street Chico. CA 95928	PH: (800)287-8306 (530)893-2125
	Pressure Washers		Fax: (530)893-1035
	Water Treatment	Lic# 795757	www.industrial-equipment.biz

HYDROSCREEN



Features

- ◆ 304 stainless steel construction
- ◆ Housing in 3/16" thick plate

Options

- ◆ Deck with an adjustment range of 6%
- ◆ 316 stainless steel or alloy 20 construction
- ◆ Range of wedgewire shapes and designs (straight, looped, waved) to match applications
- ◆ Vapour enclosure
- ◆ Rear oscillating, or front travelling, spray bars

Models

- SHB** Single housing containing multiple decks
- SHL** 54" long extended screen deck
- SHS** 42" long standard screen deck
- SHM** 38", or shorter, mini screen deck
- SHP** Pressure fed

Hydroscreen Benefits

- ◆ Pre-treats water before entering recycle or other treatment equipment.
- ◆ Removes most of the solids 0.015" or bigger.
- ◆ "Self cleaning" and thus requires very little maintenance.
- ◆ Removes solids from the water before they have a chance to dissolve.
- ◆ Helps keep the BOD and TSS levels lower.
- ◆ Flow capacity from 50 to 2000 gallons per minute

Physical Description

Hydroscreen elements are curved, slotted, wedgewire screens with slots ranging from 0.010" to 0.125" oriented horizontally across the direction of flow. The screen decks are positioned at a steeply sloped angle providing an effective stripping of liquid and allowing the solids to slide. These are typically used when the solids are easily separated from the liquid and where the separated solids slide easily.

Method of Operation

Wastewater or slurry enters the headbox where hydraulic turbulence keeps solids in suspension. The wastewater then overflows a distribution weir onto a steeply sloped ramp that orients the flow tangentially onto the screen surface. The liquid passes through the openings in the wedgewire to a drainage pan, located on the backside of the screen, and the solids slide down the surface of the screen to the discharge lip.

Hydroscreen Typical Installation over Debris/Grass Cart

