

# PTO Powered Slurry Trailer Pumps

One SRS Crisafulli Slurry Pump does it all.

## Mix, Slurry, Pump and Nozzle Discharge



*PTO Single Wheel Axle with Nozzle Discharge*

**Applications.** Agitate, mix and pump most viscous or solidified sludge's from industrial, municipal and agricultural waste lagoons with a SRS Crisafulli slurry pump. The pumps also work well for refineries, municipalities and geothermal plants.

**Productivity.** An operator can slurry and clean a 200 X 200 foot 8-foot deep pond in 6 hours with a SRS Crisafulli slurry pump. Mixing rates up to 10,000 gallons per minute. Pumping rates up to 9,000 gallons per minute.

**Our most modern technology.** Today's SRS Crisafulli PTO Powered Slurry Pump is our latest version after 40 years building efficient, rugged, long lasting slurry pumps to clean agricultural waste pits. Standard models include pump discharge sizes of 4, 6, 8, 12, and 16 inches.

**Simple.** Just back your SRS Crisafulli Slurry Trailer Pump into a lagoon, engage the PTO of your tractor or Power Unit, then slurry and pump.



*Submersed Slurry Gate in Heavily Overgrown Lagoon*

**Operation of the Slurry Pump.** *SRS Crisafulli has engineered its Slurry Pump with a "Slurry Gate" which the operator opens to agitate, mix, and slurry the pond.* The submersible centrifugal pump draws solids and liquids into the pump, blends and discharges the material through the slurry gate. The operator closes the slurry gate hydraulically and pumps the material at high volume out of the lagoon to a receiving tank, receiving vehicle or to another lagoon.

*No separate agitator or mixer pumps are needed.*

**Quality and Reliability Standards.** SRS Crisafulli builds its pumps to industrial standards from heavy structural steel tubing, and builds its casing material and impellers from 3/8" steel plate, for long, useful lives even in abrasive environments.

**The pumps lead their class compared to lighter, less efficient lagoon pumps.**

- SRS Crisafulli slurry pumps agitate, blend and pump millions of gallons of the thickest bentonite, fly ash, raw sewage or animal waste without damage to the pumps.
- SRS Crisafulli self-priming pumps have no screens, suction hose or check valves.



*Up to 105 Foot Nozzle Discharge*

**Operation of the Slurry Pump.** SRS Crisafulli's Sludge and slurry system uses a "Slurry Gate" which the operator opens to agitate and slurry the pond.



Slurry Gate shown with  
Nozzle and Impellor housing



Slurry Gate Closed



Slurry Gate Open

## Capabilities

Mixing Rate - up to 10,000 GPM

Pumping - up to 9,000 GPM @ 20' TDH

Nozzle discharge up to 105 feet

Operator can control functions remotely from tractor cab for greater convenience

Hydraulically adjustable aeration nozzle to distribute nutrients evenly and to clear over-grown areas

Rugged platform for increased versatility and long life

## Product Comparison

Feature	SRS Crisafulli	Houle	Nuhn	Jamesway
Slurry Gate	Yes	No	No	No
Factory Direct Customization	Yes	No	No	No
Elimination of Gear Box	Yes	No	Yes	No
Operable at Full RPM	Yes	No	No	No



Hydraulic Double Wheel Axle with 7 foot lift

# Features

Standard Slurry    Master Blaster

Hydraulically actuated slurry gate	☞	☞
A 7 foot wide single wheel base	☞	
An 8 foot wide dual wheel base		☞
Stabilizer wheel arm to eliminate side shift and tipping while slurring		☞
Extended discharge pipe for easy hose connections	☞	☞
Patented bearing protection system protection system protects submerged shaft	☞	☞
Remote lube lines enable operator to grease bearings while operating	☞	☞
Swing out control valve moves operator away from rotating PTO shaft	☞	☞
Hydraulically controlled lift axle	3 Foot	7 Foot
Hydraulically adjustable aeration nozzle distributes nutrients evenly to clear overgrown areas		☞
Discharge nozzle adjusts to 74 degrees of vertical movement and 320 degrees of rotation		☞
Articulation base hitch increases freedom of movement	☞	☞

Model (540 RPM)	Max. HP @ 20' TDH	Mixing Rate GPM	Pumping Rate GPM@ 20' TDH
HBO4HISM	35	1,080	940
HBO6HISM	64	2,400	2,050
HBO8HISM	80	3,250	2,800
HB12HISM	140	6,800	5,300
HB16HISM	225	10,000	9,000

\*Table based on 8" discharge in clear water