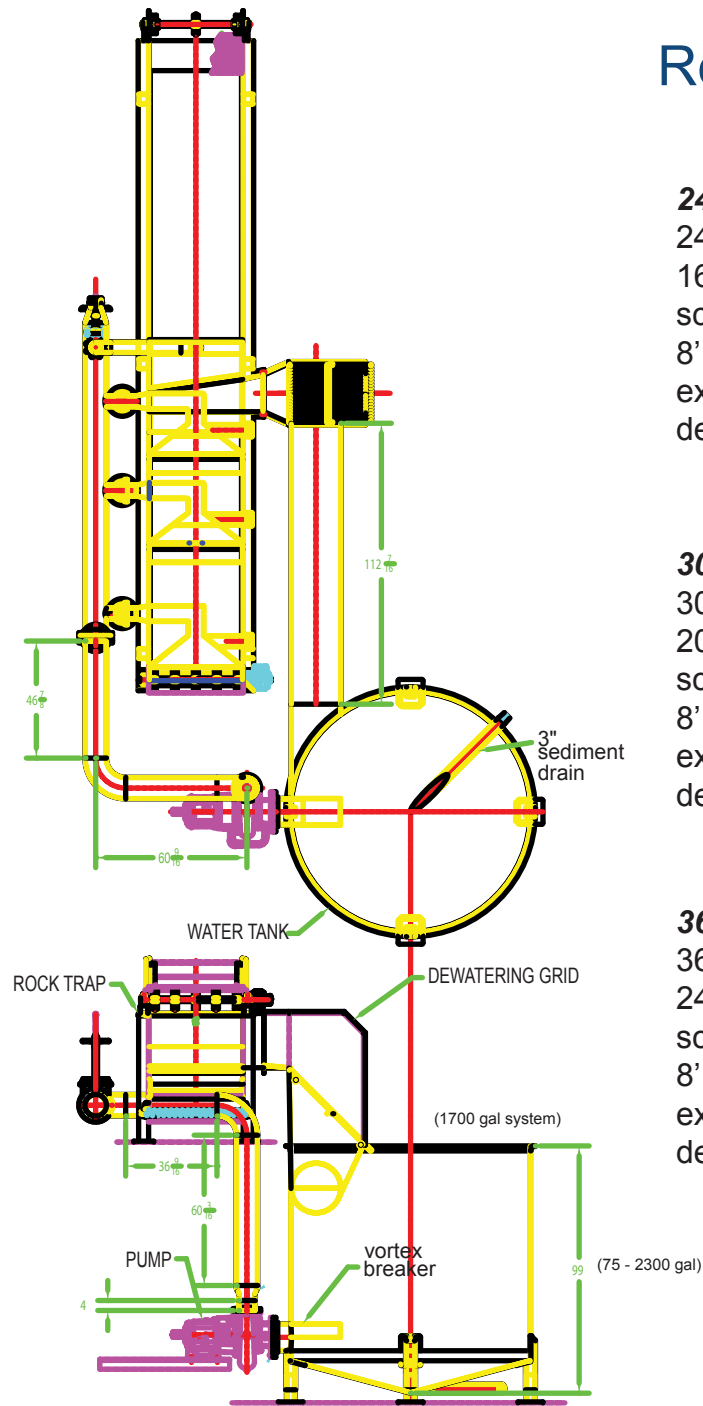


## Rearfeed Rock Trap Systems



**24" wide - 160,000 lbs/hr - 1600 gpm**  
 24" wide x 22' long stainless steel rock trap  
 1600 gpm Pioneer Pump  
 scavenger reel and tank  
 8' x 8' round tank (3000 gallons)  
 extra rock trap piping  
 dewatering grid

**30" wide - 200,000 lbs/hr - 2000 gpm**  
 30" wide x 22' long stainless steel rock trap  
 2000 gpm Pioneer Pump  
 scavenger reel and tank  
 8' x 8' round tank (3000 gallons)  
 extra rock trap piping  
 dewatering grid

**36" wide - 240,000 lbs/hr - 2400 gpm**  
 36" wide x 22' long stainless steel rock trap  
 2400 gpm Pioneer Pump  
 scavenger reel and tank  
 8' x 8' round tank (3000 gallons)  
 extra rock trap piping  
 dewatering grid

Mount Angel Plant



1010 N. Main Street - Mt. Angel, OR 97362  
 Phone: 503-845-9411 - Fax: 503-845-6012

Woodburn Plant



2150 Progress Way - Woodburn, OR 97071  
 Phone: 503-982-9902 - Fax: 503-981-6316

**Rock Traps,** using John Flodin's Design,  
 are now available from **GEM Equipment**



Industry proven with over  
 90 units in the field worldwide

*The two conveyor design uses one conveyor to remove  
 rocks and the other to remove floating debris.*

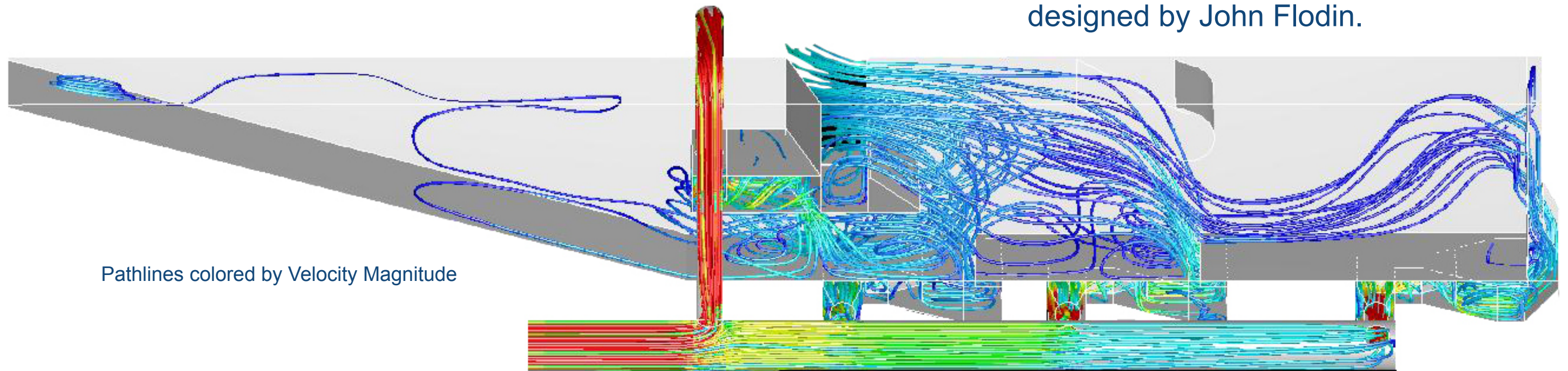
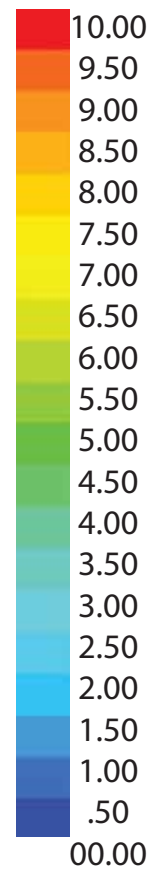
Applications

**Root Crops: Potatoes, Carrots, Beets, Sweet Potatoes**

**GEM** equipment <sup>OF</sup> OREGON inc.

P.O. Box 359/ 2150 Progress Way Woodburn, OR 97071 Telephone 503-982-9902  
 Fax: 503-981-6316 Email: gem@gemequipment.com Website: gemequipment.com

## Computational Fluid Dynamics (CFD) analysis of rock trap operation.



GEM manufactures and sells debris & rock removal systems designed by John Flodin.

Dealing with products such as potatoes, which sink, the Flodin rock trap not only removes rocks, it also removes vines, chunks of wood, corn cobs, rotten potatoes, serious hollow hearts and other floating debris.



Rock traps for product that sinks, have an upper conveyor to remove the floating debris. By utilizing slow moving water, material separation is enhanced. Rocks are conveyed out of the rock trap by the lower conveyor.

