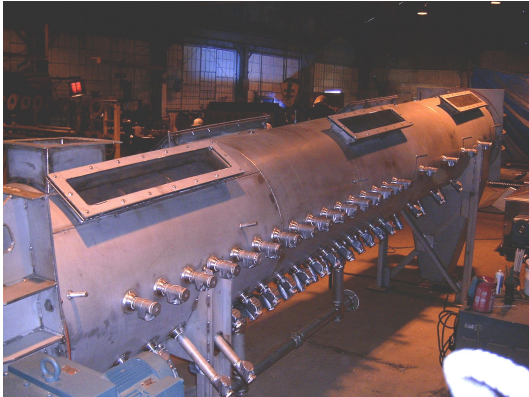


B. W. SINCLAIR INFORMATION UPDATE

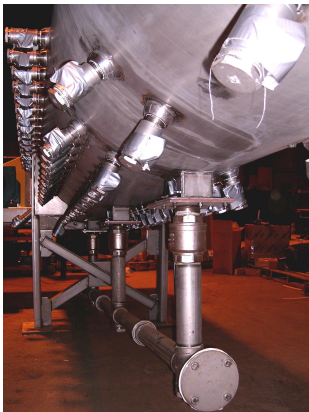
FOOD PROCESSOR CHOOSES SINCLAIR FOR SPECIAL PARBOIL CONVEYORS

A major food processor recently awarded BWSI the contract for a pair of special processing screw conveyors to convey, mix, and "parboil" wild rice.



The tubular units feature 36" dia BWSI LongSpan™ rotors with reduced pitch and mixing paddles to retard transfer and promote mixing. The rotors are designed to provide several minutes of retention time to expose the material to low-pressure saturated steam.

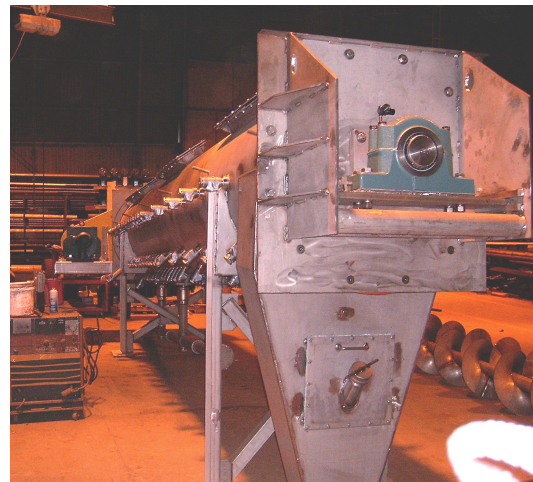
The steam is introduced via a series of multiple steam nozzles, each fitted with flexible tubing to allow thermal expansion. The fittings are eccentrically positioned to concentrate the steam per the client's requirements. A series of condensate collection ports are mounted on the lower centerline to collect liquids and drain them off to a central takeoff. Each port is individually controllable to provide maximum process flexibility.



Steam injection nozzles and triple-port condensate drain header beneath unit

Custom features that add to the material handling and processing benefits include:

- Cinchseal™ silicone elastomer purged gland seals with thermal expansion capability
- Dodge SAF-XT™ spherical roller bearing pillow blocks for rotor support
- BWSI Expansion-Pedestal Bearing Mount to allow unequal thermal expansion
- Rectangular inspection ports fitted with polycarbonate view windows
- Multiple instrument connection ports for customer's designation
- Integral support stanchions
- Sealed cleanout and access door on discharge spout featuring tubular "poke port" to clear downstream blockage
- High efficiency Dodge Quantis™ gearmotor with roller chain primary drive for slow speed operation
- Inverter-rated Reliance Electric® motor for adjustment of retention time
- All Type 304-L-SS construction
- Fine-mesh screens mounted at all steam inlets and condensate drains



Please contact your local B.W. SINCLAIR representative to put such ingenuity and engineering to work on your material handling applications.

B. W. SINCLAIR, INC.

P. O. Box 1111 Wichita Falls TX 76307-1111 USA

www.bwsinclair.com 940-766-2556 voice 940-766-0430 fax sales@bwsinclair.com