

SCALPING BARLEY



Design Requirements

1. Product Type: Barley
2. Capacity: 20,000 BPH
4. Duty: As Needed

Customer Challenge

A major beer brewing company needed to scalp off oversized foreign material picked up in the field during harvest and remove sand at the same time

Triple/S Solution

Triple/S Dynamics recommended a 6' x 10' 8-deck Texas Shaker vibrating screen. The recommended screen would contain 4 pairs of scalping and cleaning decks. The scalping decks would be covered in 1/2" C.O. (clear opening) square wire screen cloth to remove the oversize. The cleaning decks would be covered in 3/32" x 3/4" slot (rectangular) wire screen cloth to remove the sand.

The Texas Shaker is fully enclosed, dust-tight and vibrates with a straight-line, horizontal motion with 1" stroke at 475 RPM. This gentle action is best for efficient screening. The screen is equipped with the Pendulink™ suspension for high-efficiency vibration isolation, and a gear-coupled parallel-shaft vibrating module with oil reservoirs and splash lubricated bearings

Triple/S and the Customer

Since this installation, the customer has purchased three more units.